FINAL PERIODIC REVIEW REPORT

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

Submitted to:

SUPERFUND STANDBY PROGRAM
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Table of Contents **Page**

Figures

Tables

Appendices

EXECUTIVE SUMMARY

AECOM Technical Services Northeast, Inc (AECOM) has prepared this Periodic Review Report (PRR) for the SMS Instruments Site (the Site) in Deer Park, Suffolk County, NY (Figure 1). The SMS Instruments facility operated from 1967 to 1990. Plant operations included the overhauling of military aircraft components. Site contamination was discovered in 1980 when Suffolk County conducted sampling in a leach pool at the facility. The leaching pool was pumped out, backfilled with clean sand in 1983. The USEPA added the site to the National Priority List (Superfund Sites List) in 1986. The former jet fuel underground storage tank (UST) was removed in 1988.

A Remedial Investigation/Feasibility Study (RI/FS) was conducted by EPA and completed in 1989. The RI/FS found soil and groundwater to be contaminated with xylenes, benzene derivative compounds, and trichloroethene (TCE). A Record Of Decision (ROD) was issued for Operable Unit 1 (OU-1, on-site soil and groundwater) in June 1989. The components of the ROD included installation and operation of a soil vapor extraction (SVE) system to remediate soil contamination, and a groundwater pump and treat system to treat groundwater. A second ROD for OU-2 (upgradient contamination) was issued in September 1993. The 1993 ROD found no evidence of contamination upgradient of the Site that was contributing to the contamination on-site; therefore, the conclusion of the OU-2 ROD was no further action.

The periodic review (PR) process is used for determining if a remedy continues to be properly managed, as set forth in the ROD and continues to be protective of human health and the environment. The results of PR have lead to the determination that the site is in general compliance with the applicable requirements as presented in the ROD.

REMEDY EVALUATION

The primary contaminants of concern as defined in the ROD are volatile organic compounds (VOCs). Overall, concentrations of total VOCs have significantly decreased since monitoring began in April 1994. The groundwater data collected between 1994 and 2010 show that remedial activities conducted to date have reduced the total VOC concentration in groundwater at the site by more than two orders of magnitude from a high of approximately 6,200 µg/L in September 1995 to 45.6 µg/L in March 2010; no compound exceeded its Class GA criteria during the March 2010 groundwater sampling event. Since the operation of the bioremediation system began in 2005, total VOC concentrations in soil have decreased by an order of magnitude from over 100,000 µg/kg to less than 10,000 µg/kg. All soil samples collected during the September 2009 PHOSter™ system performance evaluation were below the NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objectives.

Five rounds of groundwater samples have been collected since the groundwater pump and treat system was turned off in October 2005. Twenty monitoring wells were included in the long term monitoring program. One well, MW-11, was destroyed during construction at this off-site location and is no longer included in the sampling.

Total annual costs for operation of the treatment system and completion of all the required monitoring is approximately $153,800, based on costs incurred in calendar year 2008.

Remedial systems have been in place at the Site since 1992 and have effectively treated contaminated soil and groundwater as stated below:

- 1994-2005 – Groundwater Pump and Treat System effectively removed free product and significantly reduced dissolved-phase concentrations.
- 1992-1994 – Soil Vapor Extraction System effectively removed contamination from the vadose zone (down to a depth of 21-ft bgs due to the operation of the groundwater extraction system).
- 2005-2008 – PHOSter™ System effectively removed remaining chlorinated hydrocarbons and reduced dissolved phase aromatic hydrocarbons.
- 2008-2010 – Biosparge System effectively removed residual aromatic hydrocarbons in the groundwater and absorbed to the soil in the smear zone (22-ft to 25-ft bgs).

Soils

The remediation of soils has effectively reduced the amount of soil contamination at the Site. Based on the latest round of soil results, total VOC concentrations in the previously identified hot-spots are below the SCOs.

Groundwater

The remediation of groundwater has effectively reduced the amount of groundwater contamination at the Site. Based on the latest round of groundwater results, there were no exceedances of VOCs noted in any of the monitoring wells sampled as part of the long-term monitoring program.

The following recommendations have been developed for the Site based on this PRR:

Well MW-11 should be located and either rehabilitated or decommissioned, depending on the condition when identified.
Collect one final round of soil samples to verify the PHOSter™ system can be permanently shut down.
Decommission and remove the treatment trailer from the Site.
Collect one final round of groundwater samples to verify that the groundwater remediation is complete.

- An annual field oversight PRR is recommended based on the required verification of site conditions and the possibility of permanent site closure.
- An annual desktop PRR should be performed due to the frequency of required OM&M activities.

1.0 SITE OVERVIEW

The Site is located at 120 Marcus Boulevard in Deer Park, Suffolk County, New York (Figure 1). The Site consists of a 34,000 square foot building located on a 1.5-acre lot surrounded by other light industrial facilities. A groundwater recharge basin is located adjacent to the Site to the east. The Facility was operational between 1967 and 1990; activities consisted primarily of overhauling military aircraft components. These activities included cleaning, painting, degreasing, refurbishing, metal machining, and testing of components. The activities conducted during this time are believed to have caused the contamination present at the Site. The Site was utilized by other tenants for manufacturing activities not believed to contribute to the contamination. The building was unoccupied for the past several years; as of January 2, 2008, the building is used to store furniture.

Remedial activities conducted at the site include: removal of the leaching pond, removal of a jet fuel underground storage tank (UST), operation of a soil vapor extraction system (SVE), and operation of a groundwater pump and treat system (GW P&T). The SVE system was operated from 1992 to 1994 to remediate soil near the leaching pond and UST areas. A GW P&T system was operated from 1994 to 2005 to remove contaminants from the groundwater near the leaching pond and UST areas. A bioremediation system was put in place in May of 2005 to remove residual soil impacts. The system was initially a PHOSter™ system (amendment injections) but subsequently has been modified to a biosparge system. The treatment system is currently operated and maintained by AECOM.

AECOM Technical Services Northeast, Inc (AECOM) has prepared this Periodic Review Report (PRR) for the Site. The NYSDEC has determined that SMS Instruments, ID No. 1-52-026, is a Class 2 site that has been substantially remediated but requires continued operation, maintenance and monitoring (OM&M).

1.1 OBJECTIVES OF THE PERIODIC REVIEW

The periodic review process is used for determining if a remedy continues to be properly managed, as set forth in the ROD, and continues to be protective of human health and the environment. The objectives of the periodic review for sites in the State Superfund Program (SSF) are as follows:

- Evaluate compliance with the decision document(s) and, if available, the SMP.
- Evaluate all treatment units, and recommend repairs or changes, if necessary.
- Evaluate the condition of the remedy.
- Certify, if appropriate, that the intent of institutional controls (IC) continues to be met, and that engineering controls (EC) remain in place, and are effective.
- Evaluate costs.

1.2 REMEDIAL HISTORY

Site contamination was discovered in 1980 when the Suffolk County Department of Health Services collected samples from an industrial leaching pool on the southern side of the facility, and analytical results indicated that contamination was present. The Site was listed on the National Priority List (NPL) in 1986. The USEPA completed a remedial investigation/feasibility study (RI/FS) in 1989. Groundwater

contaminants of concern (COCs) identified in sample results included VOCs and metals. The primary VOC contaminants consisted of tetrachloroethene (PCE), trichloroethene (TCE), trans-1,2-dichloroethane, chlorobenzene, total xylenes, ethylbenzene, and 1,1-dichloroethane. The USEPA concluded that the metals present in Site groundwater sample results (primarily chromium and lead) were the result of background conditions. Site Cleanup Goals (SCGs) for metals were set to the upgradient or background concentrations determined to be entering the Site. Soil COCs were similar to those found in groundwater and also included SVOCs. Table 1 lists the COCs for soil and groundwater and their site-specific cleanup criteria.

A ROD was issued by the NYSDEC in 1993 covering the contamination determined to have been from an on-site source. As stated in the ROD, groundwater quality was to be restored to its intended use (Class GA-potential source of drinking water) by reducing contaminant levels to below state and federal drinking water standards. In the case where contamination present onsite has been determined to be from an offsite source, the prescribed SCGs were set to the concentrations identified in the upgradient sample locations.

Wastewater from facility operations was discharged into a leaching pool adjacent to the building along the south wall which, subsequently contaminated soil and groundwater beneath the site. A 6,000 gallon jet fuel UST, and leaking drums located along the east wall of the building contributed to contaminated soils and groundwater beneath the site. Source removal remedial activities at the Site have included pumping out the leaching pond fluids and backfilling the depression with clean sand, removal of the UST, and removal of the drums stored outdoors in an unprotected area.

Remedial activities conducted to remove contamination present in the subsurface began with the operation of a soil vapor extraction system (SVE). The locations of the SVE extraction wells are shown on Figure 2. The SVE system was operated from 1992 to 1994, near the area formerly utilized as a leaching pond and the area which formerly contained a UST to remediate soil contamination. A groundwater pump and treat (GW P&T) system, equipped with an air stripper to remediate groundwater contamination was constructed and began operation in 1994. The location of the recovery well and the groundwater treatment system is shown on Figure 2.

The results of soil sample analysis conducted after the operation of the SVE system indicate that the soil remedy had reduced contamination substantially. The USEPA had considered the potential for exposure to contaminated soil vapor, and concluded that vapor intrusion into the building was unlikely to cause a serious threat based on the contaminant concentrations identified, and the thickness of the vadose zone present below the building. Influent sample results indicated that groundwater contamination had decreased substantially since activation of the GW P&T system. After several years of operation, the influent concentrations had decreased to concentrations that indicated the GW P&T system was no longer accelerating site cleanup. Furthermore, the GW P&T system was unable to achieve the ultimate groundwater cleanup goals (e.g., the maximum contaminant levels [MCLs]).

The USEPA had evaluated the GW P&T systems ability to provide the necessary capture of site contaminants in groundwater. The determination was that the system adequately captured the contaminated groundwater despite the lack of an apparent cone of depression. The determination was based on water balance calculations demonstrating that groundwater was being extracted from the site at

rates much higher than groundwater entering the site. In July 2003, GeoTrans, Inc. (GeoTrans) conducted an optimization evaluation of the GW P&T system on behalf of the USEPA. The results of the evaluation were included in a RSE (GeoTrans, 2003). The RSE report recommended conducting a pilot study to determine if an alternative technology should replace the GW P&T system. The RSE report indicated various alternative technologies were available for reducing the mass of VOCs, including air sparging, bioaugmentation, and chemical oxidation.

Following acceptance of the RSE report (May, 2004) the USEPA Remedial Action Branch sent a request for field support at the Site. The request involved two phases: additional field characterization of the UST area utilizing a Geoprobe® to collect soil samples at various depths from the ground surface to the water table. The second phase included assessment and implementation of alternative remedial technologies to address remaining source areas. In an effort to characterize the UST area and obtain data required for the selection of an alternative technology, 25 soil borings were advanced for sample collection. In preparation for implementation of an alternative remedial technology, SVE and air sparge wells were installed (August 2004) by Earth Resources Technology (ERT) and the Response Engineering and Analytical Contract (REAC) contractor Lockheed Martin Technology Services.

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 to address the VOC contamination remaining in soils at the Site. In April of 2005, under the Emergency and Rapid Response Services (ERRS) contract, AECOM (formerly Earth Tech) procured a PHOSter™ system to be utilized at the Site. The system was installed and activated in May 2005. The PHOSter™ system utilized the sparge wells that had been installed for the SVE system as injection points (Figure 2).

The USEPA operated the GW P&T system at the Site until July 15, 2005 when the Site responsibility was transferred to the NYSDEC. Utilizing available sample results AECOM determined that the GW P&T system was no longer removing significant quantities of contaminants, and that VOC concentrations in the influent were below laboratory reporting limits (5 µg/L). In a letter to the NYSDEC dated October 6, 2005, AECOM recommended that the GW P&T system be de-activated. NYSDEC concurred with this recommendation in a letter dated October 21, 2005.

Following the temporary shutdown of the GW P&T system two rounds of groundwater samples were collected, and analyzed: February 2006 and September 2006. These results were summarized in the Final Groundwater Sampling Report (Earth Tech, December 2006). The concentrations of contaminants in the groundwater monitoring network remained in steady state, or continued to decline in all wells except for MW-6S. The reported total VOC contaminant concentrations for MW-6S have shown an increase over the reported results from sampling events conducted immediately prior to the system shutdown, (19 µg/L in September 2006, and 46.9 µg/L in November 2008) but the most recent sampling event (March 2010) indicated a decrease to 6.8 µg/L with no exceedances of the Class GA criteria. The results indicated that this was an isolated area of rebound requiring continued remediation (e.g., the PHOSter™ system), supporting the conclusion to dismantle the GW P&T system. One recommendation of this report was the demolition of the GW P&T system building. A third groundwater sampling event was conducted in August 2007.

A Dismantlement Plan was finalized in April 2007 (Earth Tech, 2007), which detailed the plan for demolition of the treatment building. A demolition permit from the City of Babylon, New York was issued after completion of several requirements. These requirements included the termination of electrical and water service to the building. The electrical main to the treatment building was terminated on July 16, 2007 by ADB Electric and Sons, a licensed electrical contractor. The service was moved to a new "H" frame to continue the PHOSter™ system operations. The potable water line to the building was capped on November 20, 2007 by Pro Mechanical, a licensed plumber. On November 2, 2007, Veolia ES Technical Solutions removed all waste from the treatment building including water treatment chemicals, test meter solutions and other wastes. The building was demolished in two phases. All piping and carbon units were dismantled in June 2007. Final building demolition and removal of the concrete foundation occurred in late December 2007.

Five sampling events have been conducted to evaluate the biosparge system since 2005: June 2006, March 2007, January 2008, November 2008 and September 2009. In 2008, adjustments to the amendments and application via the PHOSter™ system were completed, in response to the changing contaminant types and concentrations. Concentrations of contaminants had been effectively reduced in some areas allowing the injection wells to be shut in. CVOC contaminants were no longer identified in sampling results leading to the conclusion that methane and phosphorous were no longer necessary as they had been used to stimulate reductive dechlorination. The PHOSter™ system was effectively transitioned to a biosparge system. The PHOSter™ system was temporarily shut down in January 2010 in anticipation of the groundwater sampling event scheduled for March 2010 to look for contaminant rebound in monitoring well MW-6S. The system remains off.

2.0 EVALUATE REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

2.1 EVALUATION OF BIOREMEDIATION SYSTEM

Five sampling events have been conducted to evaluate the biosparge system since 2005: June 2006, March 2007, January 2008, November 2008 and September 2009.

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

The second evaluation occurred in March 2007, when six soil borings were advanced and subsurface soil samples were collected for analysis of VOCs, PLFA and methanotrophs. The results are presented in the Final PHOSter™ System Soil Sampling Report dated June 2007. The results indicated that contaminant concentrations were decreasing; however, soil samples collected near the leaching pond and UST area had contaminant concentrations that continued to exceed applicable cleanup criteria. Based on the analytical results, AECOM again recommended that the PHOSter™ system continue to operate for an additional six months, at which time another round of soil samples would be collected and evaluated.

The third evaluation occurred in January 2008, when six soil borings were advanced and subsurface soil samples were collected for analysis of VOCs, PLFA and methanotrophs. The results are presented in the Final PHOSter™ System Soil Sampling Report dated May 2008. The results indicated that contaminant concentrations were decreasing; however, soil samples collected near the leaching pond and UST area had contaminant concentrations exceeding applicable cleanup criteria. Based on the analytical results, AECOM recommended modifying the system to better focus on the existing contaminants of concern (COCs) and optimize system performance. Along with the modifications, continued operation of the system for an additional six month period was recommended.

System modifications included the replacement of the two old compressor units with a new rotary screw compressor and the elimination of the PHOSter™ aspect of the sparge technology in an effort to optimize system performance.

The fourth evaluation occurred in November 2008 when six soil borings were advanced and subsurface soil samples were collected for analysis of VOCs, PLFA and methanotrophs. The results are presented in the Final PHOSter™ System Soil Sampling Report dated February 2009. The results indicated that contaminant concentrations were decreasing and that the areal extent of contamination is shrinking; however, soil samples collected near the leaching pond and UST area had contaminant concentrations exceeding applicable cleanup criteria. Based on the analytical results, continued operation of the system in the optimized configuration for an additional six month period was recommended.

Data collected over the first four sampling events lead to the determination that the PHOSter™ application effectively achieved its goal of chlorinated volatile organic compound (CVOC) remediation. Data from the site indicated that the remaining COCs were limited to aromatic hydrocarbons (BTEX [benzene, toluene, ethylbenzene and total xylenes] and trimethylbenzene [TMB] compounds) which are readily biodegradable under standard aerobic conditions. In response to this positive change in site conditions, remediation over the 2009 operational period focused on dissolved oxygen enrichment through biosparging to stimulate the aerobic degradation process. Enrichment was initiated through the controlled injection of ambient air into select wells using the equipment established for the PHOSter™ application. The primary technological change was the elimination of the amendments (nitrous oxide, triethylphosphate and methane) that stimulated the cometabolic degradation process.

In addition to the amendment modification, remediation during the 2009 period focused strictly on the remnant smear zone using select injection wells and biosparging to optimize dissolved oxygen concentrations in groundwater and facilitate aerobic biodegradation of the residual organic compounds. Following system modifications, operation continued with six sparge points being utilized: AS-2, AS-4, AS-5, AS-7, AS-8 and AS-10. The flow rate at each sparge point was set at three cubic feet per minute (cfm). Performance of this optimized process was evaluated as part of the fourth monitoring event, November 2008.

The fifth sampling event occurred in September 2009 when six soil borings were advanced and subsurface soil samples were collected for analysis of VOCs, PLFA and methanotrophs. The results are presented in the Final PHOSter™ System Soil Sampling Report dated January 2010. The results indicated that contaminant concentrations were all less than the 10,000 µg/kg soil cleanup criterion was not exceeded in any of the 18 soil samples collected. Based on the analytical results, AECOM recommended that the system be turned off in anticipation of the March 2010 groundwater sampling event to evaluate potential rebound of groundwater contaminants in monitoring well MW-6S.

2.2 OPERATION AND MAINTENANCE PLAN COMPLIANCE REPORT

The following summarizes the current O&M program:

- The bioremediation treatment system is currently operated and maintained by AECOM. The system was temporarily turned off in January 2010 to evaluate current conditions and remains shut down as of this report;
- Gas cylinders making up the bioremediation amendment are replaced as needed to maintain the system operation (note that amendment use was discontinued in 2009);and
- Maintenance is performed on the system, as required.

2.2.1 O&M Plan Compliance Report

The SVE system, the groundwater pump and treat system, and the PHOSter™/biosparge treatment system were generally in compliance with discharge requirements during their respective operational timeframes. No treatment systems are currently active at the Site.

2.2.2 Evaluation of O&M Activities

Bioremediation System Air Sampling

The results of the bi-monthly sampling data collected during system operation indicated that organic vapors in the monitoring wells had in general been decreasing steadily since the installation of the bioremediation system through system shutdown in January 2010. Methane concentrations were variable since methane had been added in pulse doses to stimulate biological activity in the soil. The presence of methane in variable concentrations depending upon the timing of sampling events was expected and is an indication of the proper function of the system. Other parameters, such as O_2 and CO_2, indicate that biological activity has increased. The O_2 levels have decreased, indicating increased oxygen consumption by aerobic microorganisms, and CO_2 levels have increased, providing a second line of evidence indicating stimulated biological activity.

Bioremediation System Soil Sampling

A summary of the phospholipid fatty acid data is presented in Table 2. As shown on this table, all the samples exhibited high biomass concentrations (defined as greater than 10^7 cells per gram). Table 3 presents the VOCs results for the five round of soil sampling collected to evaluate the effectiveness of the bioremediation system. A summary of total VOC concentrations is shown on Figure 2 and an isopleth map of the total VOCs concentrations is shown on Figure 3. As shown Figure 3, the soil contamination roughly fell into three areas: an area south of the SMS building (borings DW and DWB; an area near the southeast corner of the SMS building (borings SMS-16 and SMS-16B); and a northern area (borings SMS-12 and SMS-12B). During the June 2006 sampling effort, all three areas exceeded the 10,000 µg/kg soil criterion for total VOCs. Soil contamination appeared to be limited to the 22-25 ft bgs interval in all three areas. During the second sampling event in March 2007, only the southern area and the northern area exceeded the criterion. During the third sampling event in January 2008, the area near the southeast corner of the building and the northern area exceeded the criterion. It was also apparent that the soil contamination in the 22-25 ft bgs interval was not homogenous, but was present in isolated pockets with significant variability in concentration as evidenced by the sharp decrease followed by a sharp increase at borings SMS-12, SMS-16 and DW. A geologic cross-section and generalized SVE influence diagram are presented as Figure 4. During the fourth sampling event in November 2008, the area near the southeast corner of the building and the northern area again were above criterion, but the concentrations were significantly lower compared to the third round. During the fifth sampling event in September 2009 all three areas were below the criterion.

System Maintenance

Activity	Required Frequency (X)			Compliance Dates
	Bimonthly	Five-Quarter	As Needed	
Routine Maintenance of PHOSter™ / Bioremediation System	X			2005-2010
Replace Gas Cylinders for PHOSter™ System Operation			X	2005-2008
Well Repair			X	1994-2011

There are currently no active treatment systems in operation at the Site.

2.3 MONITORING PLAN COMPLIANCE REPORT

The SAP and the Final Project Management Plan Multi-Site G Operation, Maintenance & Monitoring (Earth Tech, February 2007) are referenced for monitoring compliance. A Site Management Plan was never prepared for the SMS Instruments Site. The initial ROD for the Site addressed the GWP&T system which was dismantled in 2007. Therefore this PRR assesses whether the site has been managed in accordance with the SAP and the Final Project Management Plan Multi-Site G Operation, Maintenance & Monitoring (Earth Tech, 2007).

The following summarizes the current monitoring program:

- Air samples are tested from on-site monitoring wells twice a month during operation of the PHOSter™ system (note that the system is currently off);
- Groundwater samples are collected on a five-quarter basis from 20 monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6S, MW-6D, MW-7, MW-8, MW-9, MW-11, MW-12, MW-13, MW-13D, MW-14, MW-15, MW-16S, MW-16M, MW-16D, and MW-17);
- Six to twelve month reviews of the bioremediation system, including the collection of subsurface soil samples for analysis VOCs and methanotrophs; and,
- Preparation of progress reports for the bioremediation system at the site.

2.3.1 Confirm Compliance with Monitoring Plan

Activity	Required Frequency (X)	Compliance Dates
	Five Quarter	
Groundwater Sampling	X	2006-2011

Groundwater Elevation Measurements

At the start of each sampling event, the depth to groundwater is measured in each well and a groundwater elevation is then calculated. A summary of groundwater elevation data is presented in

Table 4. A groundwater contour map is presented as Figure 6. The direction of groundwater flow at the Site is generally to the south-southwest. The groundwater surface gradient is approximately 0.0024.

Groundwater Analytical

The laboratory analytical results for VOCs, SVOCs and metals analyses are included as Appendix A of this report. Extraction wells EW-1 and EW-2 were only sampled during the February 2006 event due to inoperable pumps. The electric lines for these two extraction wells were cut during the GW P&T building demolition in December 2007). Construction activities at the Citi Bank building on the corner of Grand Boulevard and Commack Road in the early part of 2007 either covered or destroyed monitoring well MW-11 as the field crew could not locate the well during the August 2007 sampling event; the well has not been sampled since.

2.3.2 Confirm That Performance Standards Are Being Met

The sections below discuss the results of the groundwater sampling conducted in accordance with the site Sampling and Analysis Plan, and provide analysis of the results in the context of performance standards established for the site.

Volatile Organic Compounds

The VOCs results from the five sampling rounds are summarized on Table 5 of this report. The VOC results are also summarized on Figure 7.

No VOCs were detected in monitoring wells MW-5, MW-11, and MW-12 during sampling Rounds 1 through 5. A few VOCs have been sporadically detected in monitoring wells MW-2, MW-4, MW-8, MW-9, MW-13, MW-13D, MW-14, MW-15, MW-16M, and MW-16S at concentrations below NYSDEC Ambient Class GA Groundwater Criteria during Rounds 1 through 5. Five monitoring wells had one exceedance noted during Rounds 1 through 5 including MW-1, MW-6D, MW-7, MW-16D, and MW-17. The sporadic Round 5 reported low-concentration detections of chloromethane are not included in the discussion below; see note at the end of this section and Section 4.4.1 of this report. No VOCs were detected in these wells in Round 5.

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

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

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

At MW-6S, four compounds have exceeded the Class GA criterion during the five sampling rounds. Total xylenes were detected in three of five rounds at concentrations ranging from an estimated 4 µg/L to 5 µg/L (Class GA criterion 0f 5 µg/L). 1,3,5-Trimethylbenzene was detected in four of five rounds at concentrations ranging from an estimated 1.7 µg/L to 11 µg/L, two of which exceeded the Class GA criterion of 5 µg/L. 1,2,4-Trimethylbenzene was detected in three of five rounds at concentrations raging from 6 µg/L to 21µg/L, all of which exceeded the Class GA criterion of 5µg/L. 1,4-Dichlorobenzene was detected in three of five sampling rounds at concentrations ranging from an estimated 2 µg/L to 4 µg/L, two of which exceeded the Class GA criterion of 3 µg/L. Six other VOCs were detected at various times at concentrations below their respective criterion during the five rounds. There were no VOCs exceedances during Round 5. A graph of total VOCs in MW-6S that includes all sampling data since 1994 (the startup of the GW P&T system) is shown in Figure 8. As shown on this graph, the total VOC concentrations were significantly reduced during the first few years of operation.

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

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

A summary of total VOCs is depicted on Figure 9. 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 March 2010.

Semivolatile Organic Compounds

SVOC results are shown on Table 6 of this report. The SVOC results are also summarized on Figure 7.

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

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

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

Metals

Results for all five rounds of target analyte list (TAL) metals data are shown on Table 7 of this report. The metals data is also summarized on Figure 10. Exceedances of the Class GA criterion were noted for antimony, beryllium, cadmium, chromium, iron, lead, manganese, selenium, sodium, and zinc; however, only chromium and lead will be discussed in this PRR as these two metals are listed as COCs in the ROD.

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

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

2.3 IC / EC CERTIFICATION PLAN REPORT

According to the USEPA five-year review of the site prepared in 2006, institutional controls are not required by the remedy decision documents. The remedy is protective of human health and the environment. Potential impacts of contaminated soil on groundwater are being addressed through removal of the contaminated source. Furthermore, onsite remedial actions are addressing the groundwater contaminants. The public living in the area are on public water that meets appropriate state and federal standards. Currently, the site is controlled by existing access and institutional controls under local and New York State authority. The following institutional control equivalents are recognized as providing additional protection:

Institutional control equivalents:

The site property is located in the middle of a multi-block area of active light industrial properties. This part of Deer Park, New York is zoned for light industry; there are no properties zoned for residential usage in the immediate area. Therefore, the site property is likely to remain zoned for light industrial use in the future (USEPA, 2006).

Suffolk County Department of Health restricts the future use of groundwater at this site. Based on these statutory controls and the existing public water supply, it is unlikely that potable uses of the site groundwater would be permitted in the future (USEPA, 2006).

Engineering controls at the site currently consist of:

- Operation and maintenance of the PHOSter™ system.

2.3.1 IC / EC Requirements and Compliance

Determination of compliance with the IC/EC at the site is made based on the following criteria:

- The IC/EC(s) applied at the site are in place and unchanged from the previous EPA 5-year review;
- Nothing has occurred that would impair the ability of such controls to protect the public health and the environment, or constitute a violation or failure to comply with any element of the SMP for such controls, and
- Subslab soil vapor intrusion has not been addressed by USEPA.

2.3.2 IC / EC Certification Forms

An Action Plan is needed to address the following items:

- Operate the PHOSter™ system
- Evaluate subsurface soil vapor and indoor air quality through further testing
- 12 month re-certification upon completion of the Action Plan

3.0 EVALUATE COSTS

3.1 SUMMARY OF COSTS

Total annual costs for operation of the treatment system and completion of all the required monitoring is approximately $153,800, based on costs incurred in calendar year 2008. Major cost components are allocated as follows:

Calendar year 2007

- PHOSter ™ O&M $107,000
- Long-term monitoring $26,800
- Analytical (also included in above figures) $6,800
- O&M reporting $20,000

Calendar year 2008

- PHOSter™ O&M $110,000
- Long-term monitoring $28,000
- GW P&T dismantlement $147,000
- O&M reporting $16,000

Calendar year 2009

- PHOSter™ O&M $112,000
- PHOSter™ system upgrades $15,000
- Long-term monitoring $0
- O&M reporting $17,000

The figures include all costs associated with the completion of monitoring and system maintenance/upgrades including subcontractor costs, field and reporting cost, and laboratory fees.

4.0 CONCLUSIONS AND RECOMMENDATIONS

4.1 CONCLUSIONS

Remedial systems have been in place at the Site since 1992 and have effectively treated contaminated soil and groundwater as stated below:

- 1994-2005 – Groundwater Pump and Treat System effectively removed free product and significantly reduced dissolved-phase concentrations.
- 1992-1994 – Soil Vapor Extraction System effectively removed contamination from the vadose zone (down to a depth of 21-ft bgs due to the operation of the groundwater extraction system).
- 2005-2008 – PHOSter™ System effectively removed remaining chlorinated hydrocarbons and reduced dissolved phase aromatic hydrocarbons.
- 2008-2010 – Biosparge System effectively removed residual aromatic hydrocarbons in the groundwater and absorbed to the soil in the smear zone (22-ft to 25-ft bgs).

Soils

The remediation of soils has effectively reduced the amount of soil contamination at the Site. Based on the latest round of soil results, total VOC concentrations in the previously identified hot-spots are below the SCOs.

Groundwater

The remediation of groundwater has effectively reduced the amount of groundwater contamination at the Site. Based on the latest round of groundwater results, there are no exceedances of VOCs or SVOCs COCs for the Class GA criteria in any of the monitoring wells sampled at the Site; however exceedances exists for chromium and lead.

4.2 RECOMMENDATIONS

The following recommendations are provided for the Site:

- Well MW-11 should be located and either rehabilitated or decommissioned, depending on the condition when identified.
- Collect one final round of soil samples to verify the PHOSter™ system can be permanently shut down in the Spring of 2011.
- Decommission and remove the PHOSter™ treatment trailer from the Site.
- Collect one final round of groundwater samples to verify that the groundwater remediation is complete in the Spring of 2011.
- A PRR will be completed on one year.

5.0 REFERENCES

AECOM Technical Services Northeast, Inc., 2010a. Final PHOSter™ System Soil Sampling Report (September 2009 Sampling Event). January 2010.

AECOM Technical Services Northeast, Inc., 2010b. Final Groundwater Sampling Report (March 2010 Sampling Event). August 2010.

CDM Federal, 2005. Monitoring Reports for the SMS Instruments Superfund Site.

Earth Tech Northeast, Inc., 2006a. Final Semiannual Sampling Report (February 2006 Sampling Event). October 2006.

Earth Tech Northeast, Inc., 2006b. Final PHOSter System Soil Sampling Report (June 2006 Sampling Event). October 2006.

Earth Tech Northeast, Inc., 2006c. Final Semiannual Sampling Report (September 2006 Sampling Event). December 2006.

Earth Tech Northeast Inc. 2007. Project Management Plan (Multi-Site G Operations Maintenance and Monitoring). February GeoTrans, Inc., 2005. Remediation System Evaluation (RSE) Report for the SMS Instruments Superfund Site. February.

Earth Tech Northeast, Inc., 2007. Final PHOSter System Soil Sampling Report (March 2007 Sampling Event). June 2007.

Earth Tech Northeast, Inc., 2008a. Final Groundwater Sampling Report (August 2007 Sampling Event). February 2008.

Earth Tech Northeast, Inc., 2008b. Final PHOSter™ System Soil Sampling Report (January 2008 Sampling Event). May 2008.

Earth Tech Northeast, Inc., 2008c. Final Pump and Treat System Dismantlement Report. May 2008.

Earth Tech Northeast, Inc., 2009. Final Groundwater Sampling Report (November 2008 Sampling Event). March 2009.

Earth Tech Northeast, Inc., 2009. Final PHOSter™ System Soil Sampling Report (November 2008 Sampling Event). April 2009.

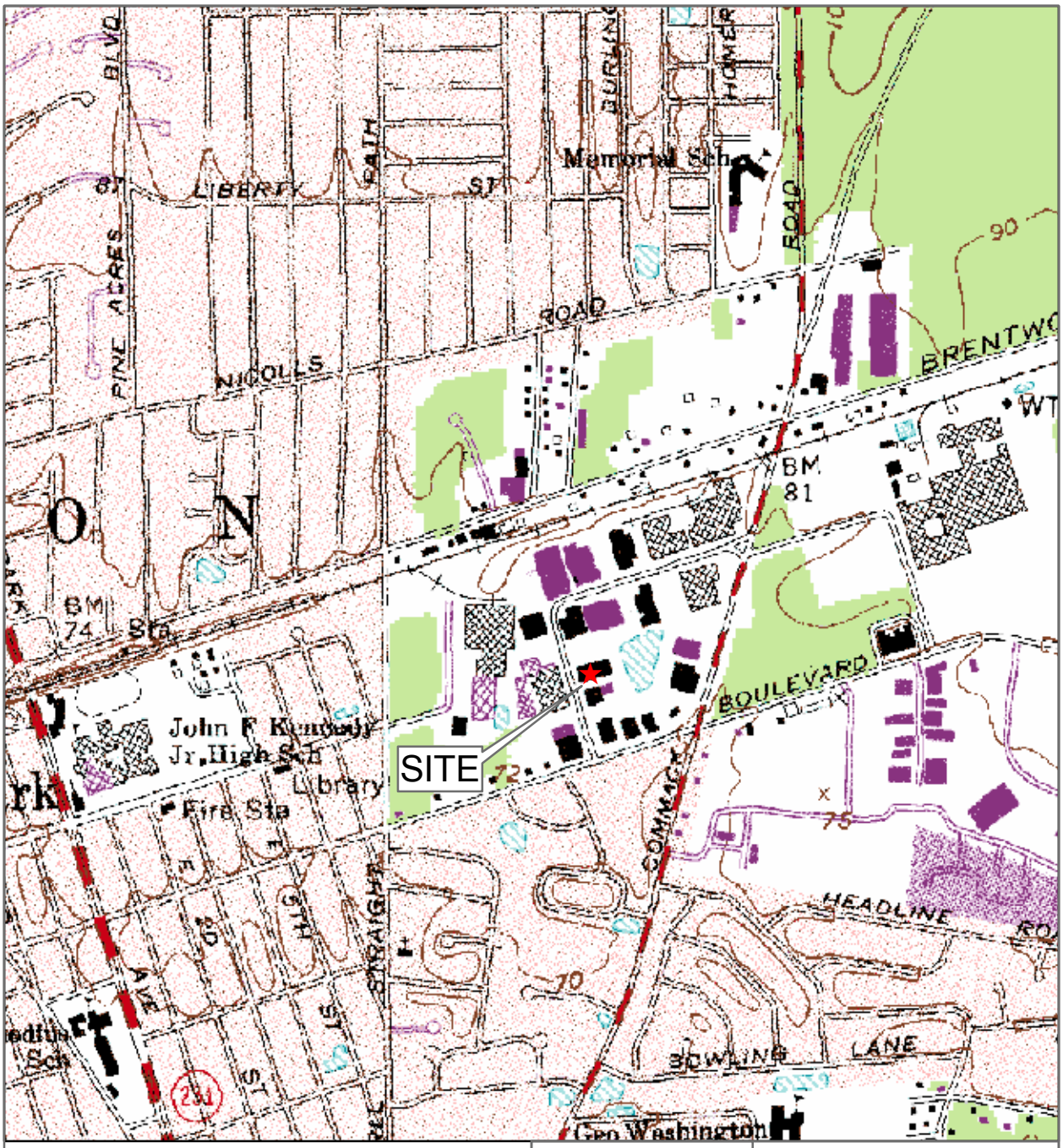
U.S. Environmental Protection Agency (USEPA), 1989. Record of Decision for the SMS Instruments Superfund Site, OU-1. September 29, 1989.

USEPA, 1993. Record of Decision for the SMS Instruments Superfund Site, OU-2. September 27, 1993.

USEPA, 1996. Five-Year Review Report for the SMS Instruments Superfund Site. January 22.

USEPA, 2006. Five-Year Review Report for the SMS Instruments Superfund Site. May.

FIGURES



N

0 162.5 325 650 Feet

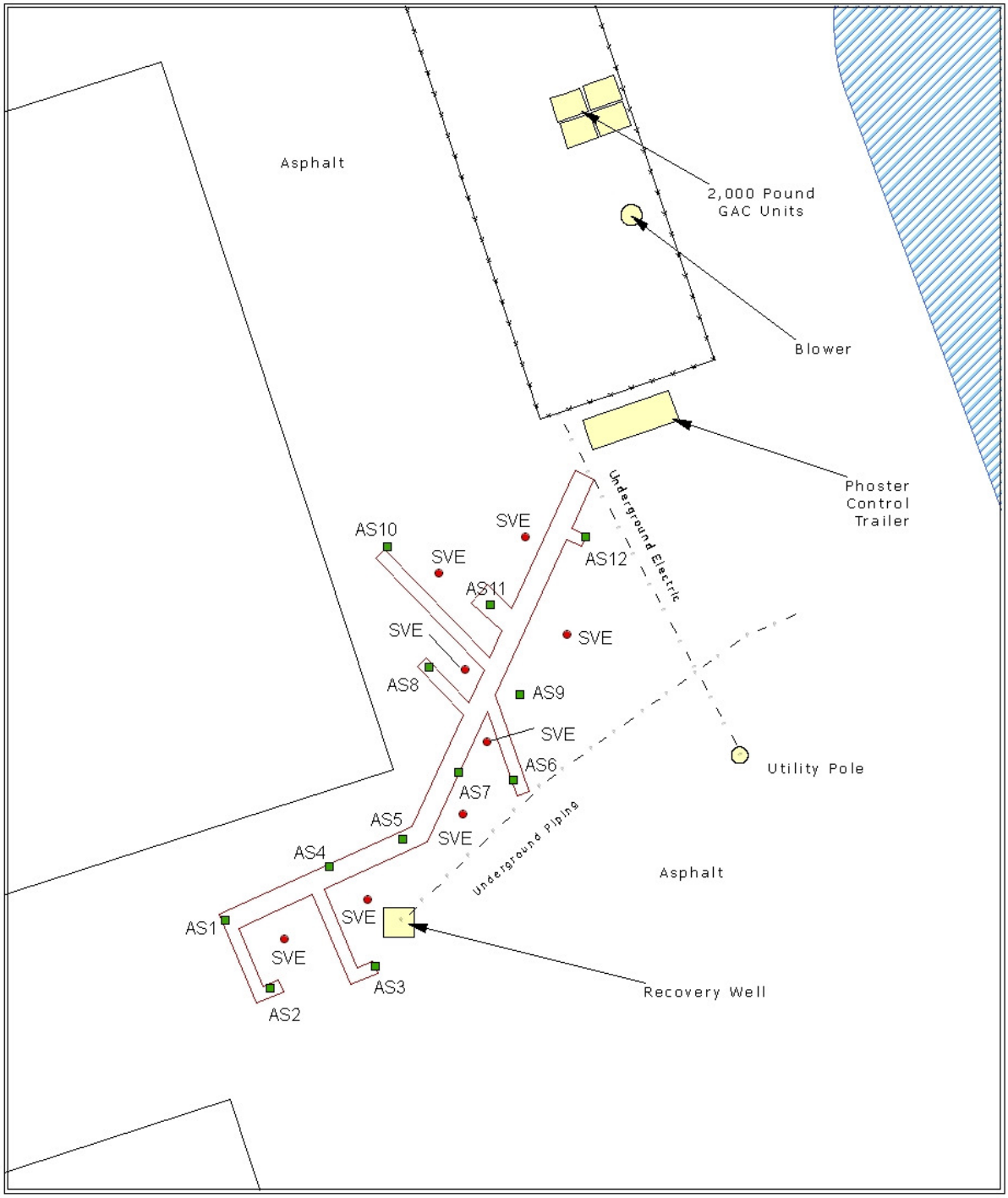
AECOM

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SMS INSTRUMENTS
DEER PARK, NEW YORK

SITE LOCATION MAP

FIGURE 1



Map created using New York State DEP Digital
Orthorectified Quadrangles (DOQ) and site-survey GPS data.
GPS collected in Lat., Lon., Decimal Degrees, WGS84

Map Creation Date: 04August2005

Coordinate system: UTM
Zone: 18N
Units: Meters
Datum: NAD83

5 0 5 10 15
Meters

Legend

- Air Sparge Well
- Soil Vapor Extraction Well
- si_047_trench
- Fenceline
- Underground Electric
- Underground Piping
- Building Footprint
- Pond

N
W
E
S
Magnetic North

Data: g:\arcviewprojects\reac4\0-047
MXD file: g:\arcinfo\projects\reac4\EACD0047_SMS\047_airspargesvewells_f4rev003
Revision Number: 003

U.S. EPA Environmental Response Team
Response Engineering and Analytical Contract
EP-C-04-032
W.A.# 0-047

Figure 2
Location of Air Sparge and Soil Vapor Extraction Wells
SMS Instruments
Deer Park, Long Island, NY

N

SMS Instruments

SMS-12	Jun 2006	Mar 2007	Jan 2008	Nov 2008	Sep 2009
16-17	ND	–	–	–	
19-20	–	ND	7	ND	ND
23.5-24.5	144,493	344	77,063	11,207	5,740
29-30	406	ND	30	11	ND

SMS-12B	Mar 2007	Jan 2008	Nov 2008	Sep 2009
19-20	ND	ND	ND	ND
23.5-24.5	114,360	29,831	9,640	ND
29-30	ND	13	13	ND

SMS-15	Jun 2006
16.5-17.5	4
22-23	3
27-28	ND

SMS-16	Jun 2006	Mar 2007	Jan 2008	Nov 2008	Sep 2009
16.5-17.5	19	–	–	–	–
19-20	ND	147	8	4.3	ND
22.5-23.5	79,290	–	–	–	ND
23.5-24.5	–	222	74,943	5.5	ND
29-30	ND	ND	16	7.8	ND

SMS-10	Jun 2006
18-19	3,960
24-25	2,700
28.5-29.5	9

SMS-16B	Mar 2007	Jan 2008	Nov 2008	Sep 2009
19-20	ND	12	ND	ND
22.5-23.5	950	13,900	–	–
23.5-24.5	–	–	10,338	4,390
29-30	ND	20	9.4	ND

DWB	Mar 2007	Jan 2008	Nov 2008	Sep 2009
19-20	ND	3	ND	ND
23.5-24.5	–	–	9,640	8,880
24-25	181,540	229	–	–
29-30	ND	4	12	ND

SMS-21	Jun 2006
19-20	8
22-23	1,766
29-30	ND

DW	Jun 2006	Mar 2007	Jan 2008	Nov 2008	Sep 2009
19-20	140,241	18	ND	ND	ND
21.5-22.5	26,284	–	–	–	–
23.5-24.5	–	–	–	7,384	2,270
24-25	96,100	ND	6,237	–	–
29-30	–	2	10	13	ND
30-31	ND	–	–	–	–

SMS-23
SMS-13
SMS-22
SMS-17
SMS-15
SMS-12
SMS-12B
SMS-24
SMS-10
SMS-19
AS-10
SVE-C
SMS-7
SMS-18
SVE-A
AS-12
SMS-16
SMS-16B
SMS-21
SMS-20
AS-11
SVE-B
AS-8
SMS-8
AS-9
SMS-6
SMS-1
SVE-D
AS-7
AS-6
DWB
SMS-2
AS-4
EW-3
AS-5
SVE-F
SMS-9
AS-1
MW-6S
SVE-E
SVE-H
SVE-G
MW-6D
MW-5
DW
SMS-5
AS-2
AS-3
SMS-3
SMS-4
SMS-14
SMS-11
JIM-MAR

20 0 20 40 Feet

LEGEND

- ○ Previous Borings
- ● SMS-16 New Soil Borings (each new location was offset by 1-2 ft from the previous location).
- △ Air Sparge and Soil Vapor Extraction Point
- ⊕ Monitoring Wells
- ⊕ Extraction Well

All Concentration in µg/kg

Prepared by : AECOM

SUBMITTED BY : PK

DRAWN BY : VM

APPROVED BY : PK

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

SUMMARY OF VOCs IN SOIL

DATE : OCTOBER 2009

SCALE : AS SHOWN

DRAWING NO. : 3

N

SMS Instruments

SMS-23
SMS-13
SMS-22
SMS-15
SMS-17
SMS-12
SMS
SMS-24
SMS-10
SMS-19
SMS-16
SMS-16B
AS-10
SVE-C
SMS-7
SMS-18
SVE-A
AS-12
SMS-21
SMS-20
AS-11
SVE-B
AS-8
AS-9
SMS-6
SVE-D
SMS-8
SMS-1
AS-7
AS-6
DWB
SMS-2
AS-4
EW-3
AS-5
SVE-F
SMS-9
AS-1
SVE-E
MW-6S
MW-5
SVE-H
SVE-G
MW-6D
DW
SMS-5
AS-2
AS-3
SMS-3
SMS-4
SMS-14
SMS-11

JIM-MAR

20 0 20 40 Feet

LEGEND

- ○ Previous Borings
- ● SMS-16 New Soil Borings (each new location was offset by 1-2 ft from the previous location).
- △ Air Sparge and Soil Vapor Extraction Point
- ⊕ Monitoring Wells
- ⊕ Extraction Well

10,000 JUNE 2006

10,000 MARCH 2007

10,000 JANUARY 2008

10,000 NOVEMBER 2008

10,000 Concentration Isopleth in µg/kg Total VOCs RSCO is 10,000 µg/kg

* Total VOCs concentration did not exceed 10,000 ug/Kg in any sample from September 2009.

Prepared by :	AECOM
SUBMITTED BY : PK	MULTI SITE G - SMS INSTRUMENTS SITE SITE NO. 1-52-026
DRAWN BY : VM	**TOTAL VOCs ISOPLETH MAP** 22.5-25.0 FT INTERVAL
APPROVED BY : PK	JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 & SEPTEMBER 2009
DATE : OCTOBER 2009	SCALE : AS SHOWN
	DRAWING NO. : 4

SW

NE

SMS Building

DW

DW-B

SMS-21

SMS-16B

SMS-16

SMS-10

SMS-12B

SMS-12

SMS-15

Grade

10 Feet BGS

20 Feet BGS

30 Feet BGS

40 Feet BGS

Gravel with Coarse Sand

Coarse Sand with Gravel

Medium Sand with Gravel

Gravel with Coarse Sand

Medium Sand with Gravel

Coarse Sand with Gravel

Gravel with Coarse Sand

Gravel with Coarse and Medium Sand

Coarse Sand with Gravel

Gravel with Coarse Sand

Coarse Sand with Gravel

Gravel with Coarse Sand

Gravel with Coarse Sand

Medium and Coarse Sand with Gravel

Coarse Sand with Gravel

Medium and Fine Sand with Gravel

Coarse Sand with Gravel

Gravel with Coarse Sand

Coarse Sand with Gravel

Clay with Gravel

Gravel with Coarse Sand

Gravel with Coarse Sand

Gravel with Coarse Sand

Coarse Sand with Gravel

Gravel with Coarse Sand

Coarse Sand with Gravel

Smear Zone 24-28 Feet BGS

VOCs NOT DETECTED

VOC RESULT BELOW SITE CLEANUP OBJECTIVE

VOC RESULT EXCEEDS SITE CLEANUP OBJECTIVE

AECOM

VE =1 X

SCALE IN FEET

0 5 10 20

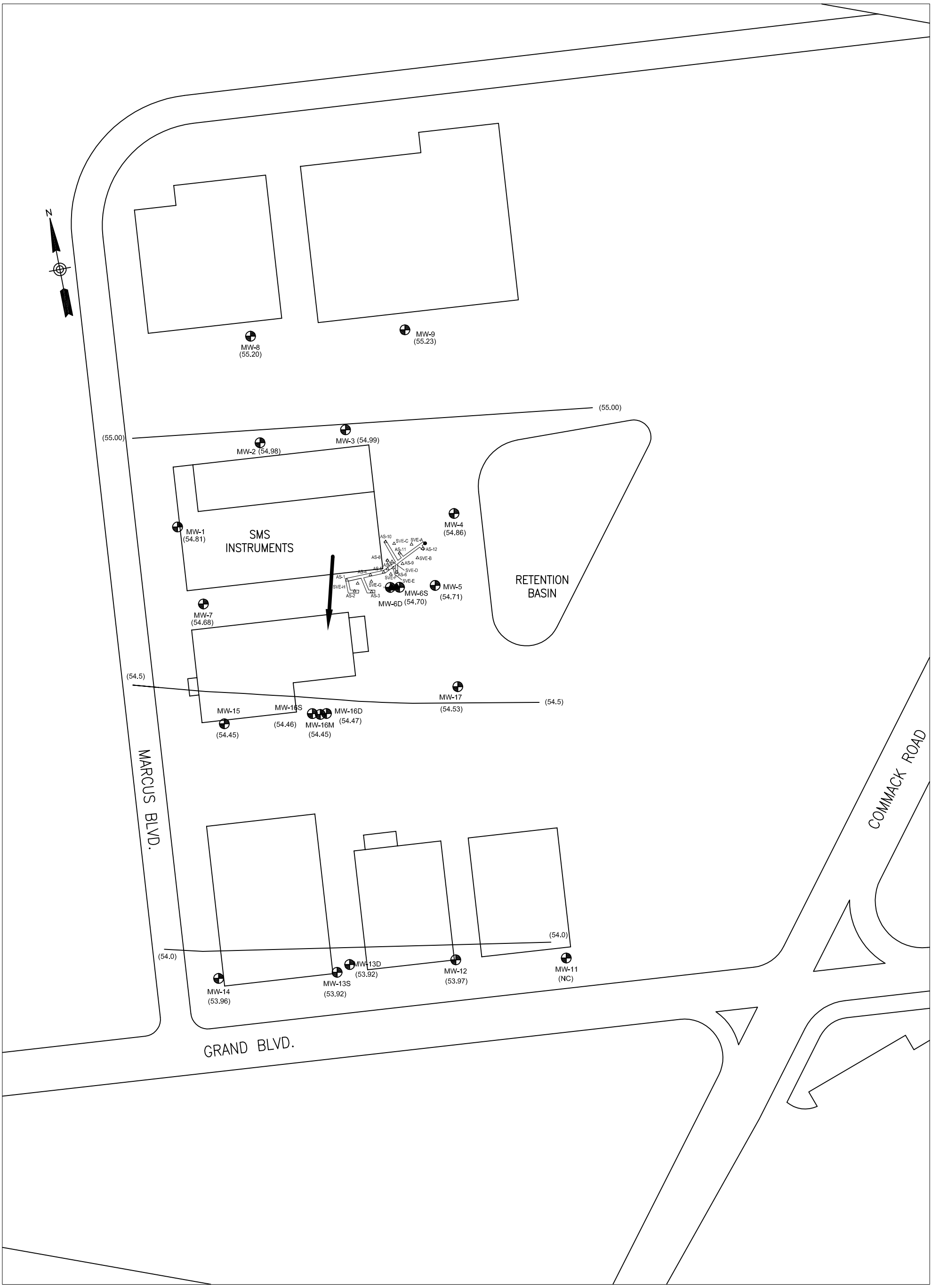
FIGURE 5

TREATMENT AREA GENERALIZED GEOLOGIC CROSS SECTION SW TO NE

SMS INSTRUMENTS INC.
120 MARCUS BLVD.
DEER PARK, NEW YORK

PROJECT No:. 95900

DATE: DECEMBER 2008



LEGEND:

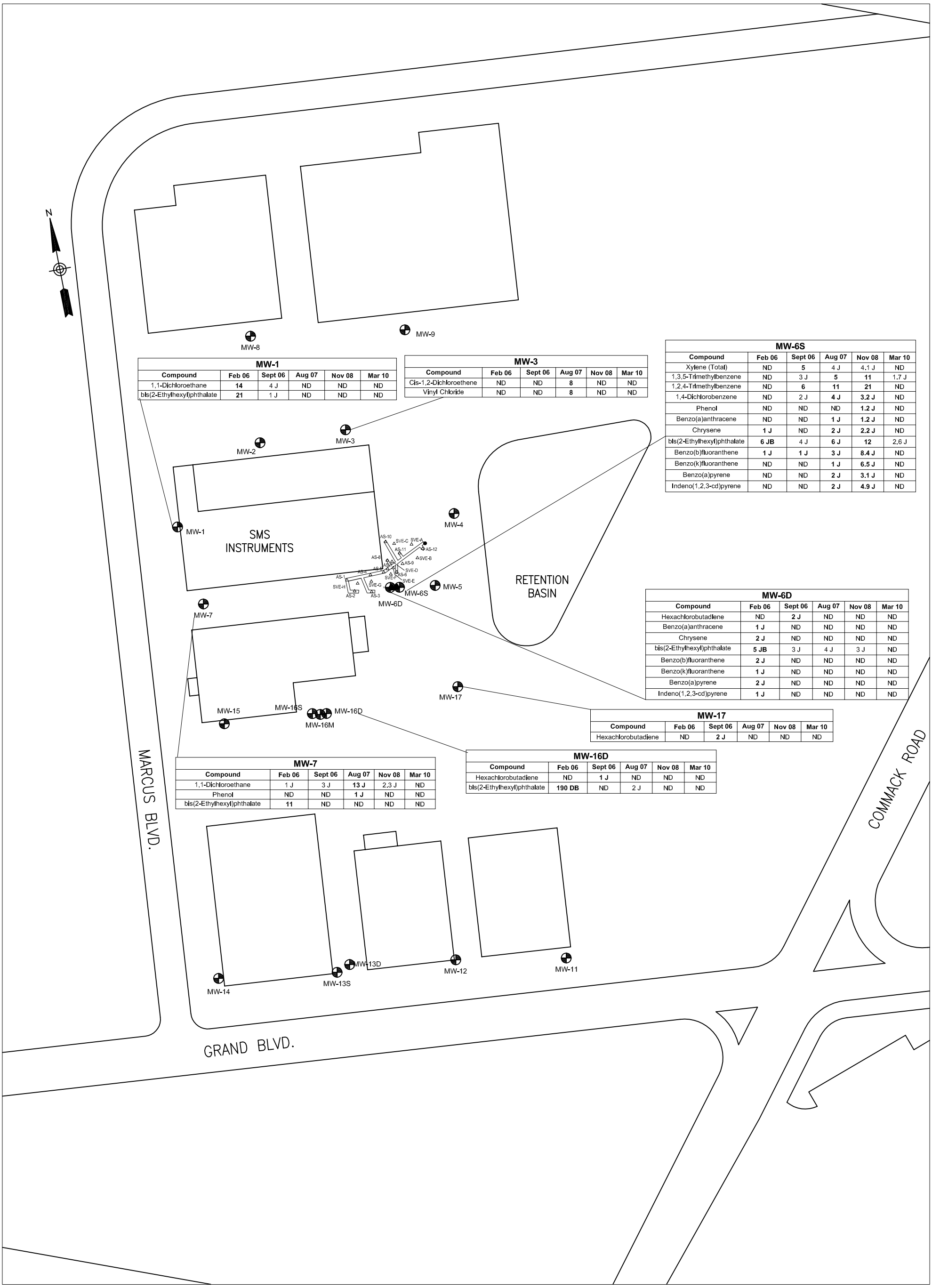
MW-14	EXISTING MONITORING WELLS
(53.9)	GROUNDWATER ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL
- -53.9- -	GROUNDWATER ISOPLETH CONTOUR INTERVAL - 0.5 ft
	DIRECTION OF GROUNDWATER FLOW

GRAPHIC SCALE

50 0 50 100 150

Prepared by : AECOM

SUBMITTED BY : PK	MULTI SITE G - SMS INSTRUMENTS SITE SITE NO. 1-52-026
DRAWN BY : SC	**GROUNDWATER CONTOUR MAP MARCH 8, 2010**
APPROVED BY : PK	DATE : JUNE 2010 / SCALE : AS SHOWN / DRAWING NO. : 6



MW-1

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

MW-3

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

MW-6S

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

MW-6D

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

MW-17

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Hexachlorobutadiene	ND	**2 J**	ND	ND	ND

MW-7

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

MW-16D

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

LEGEND:

MW-14 — EXISTING MONITORING WELLS

NOTES:

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

GRAPHIC SCALE

50 0 50 100 150

Prepared by : AECOM

SUBMITTED BY : PK	MULTI SITE G - SMS INSTRUMENTS SITE SITE NO. 1-52-026
DRAWN BY : SC	**VOCs & SVOCs EXCEEDANCES IN GROUNDWATER**
APPROVED BY : PK	DATE : JUNE 2010 / SCALE : AS SHOWN / DRAWING NO. : 7

FIGURE 8
TOTAL VOCS IN MONITORING WELL MW-6S

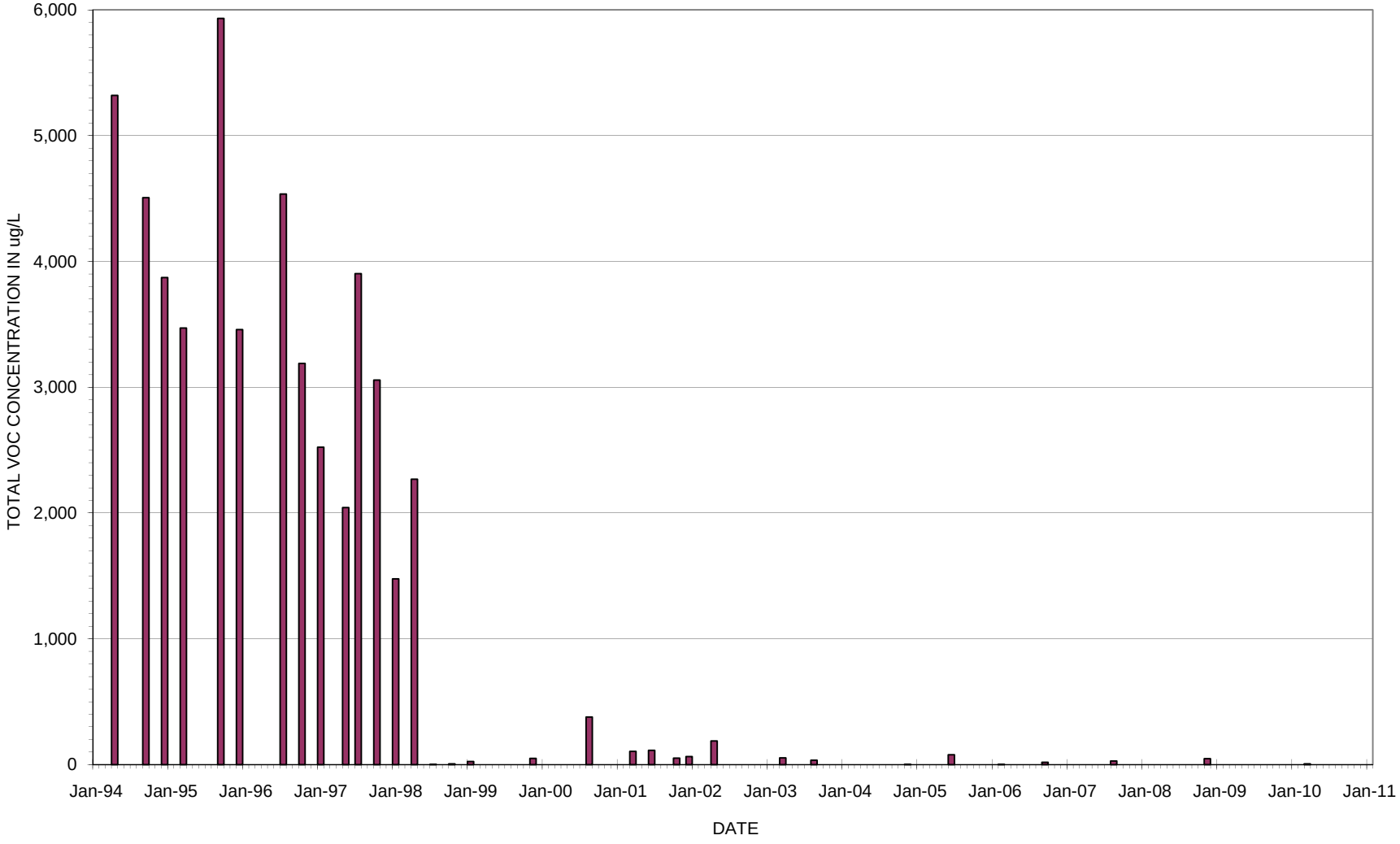
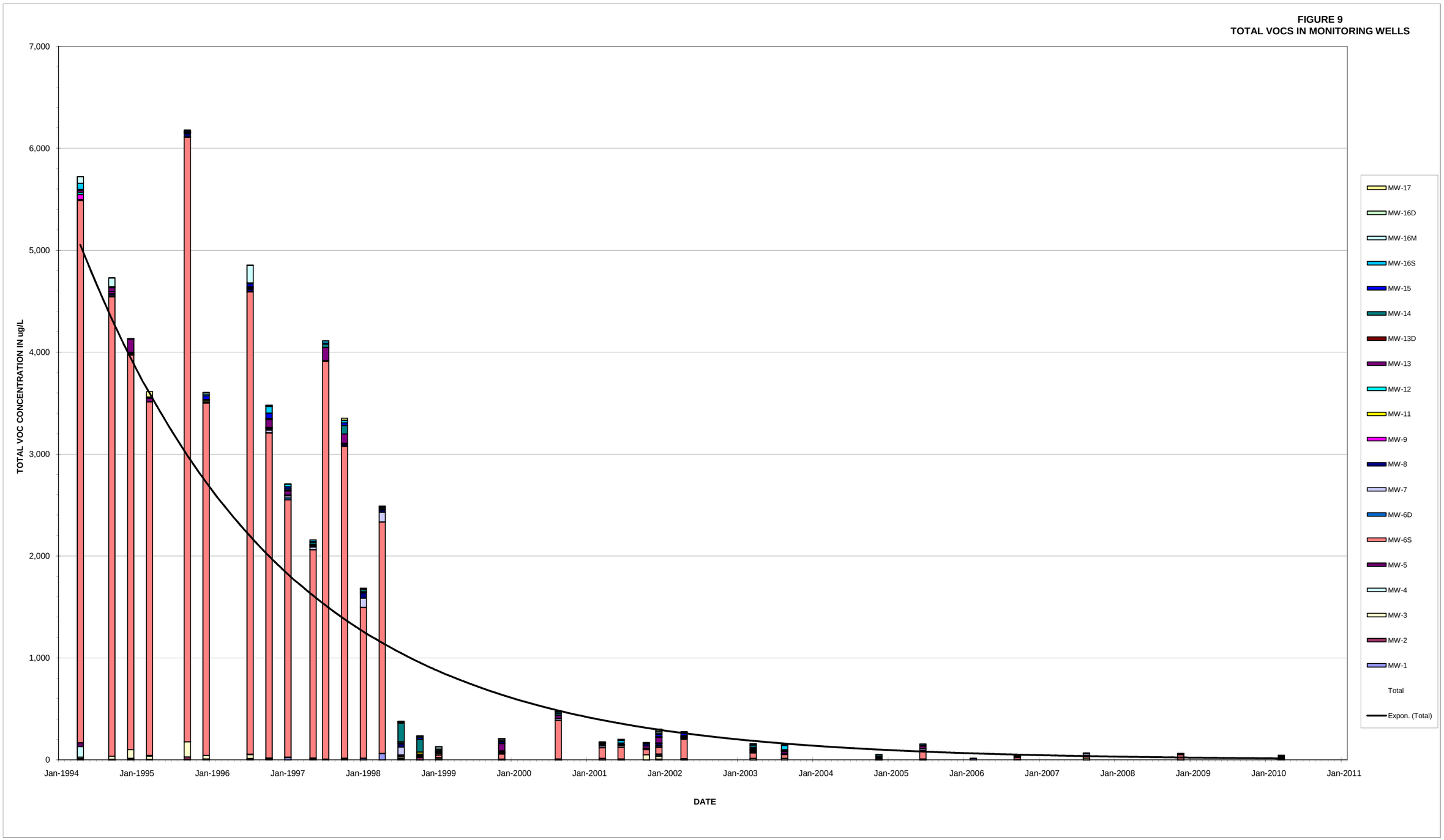
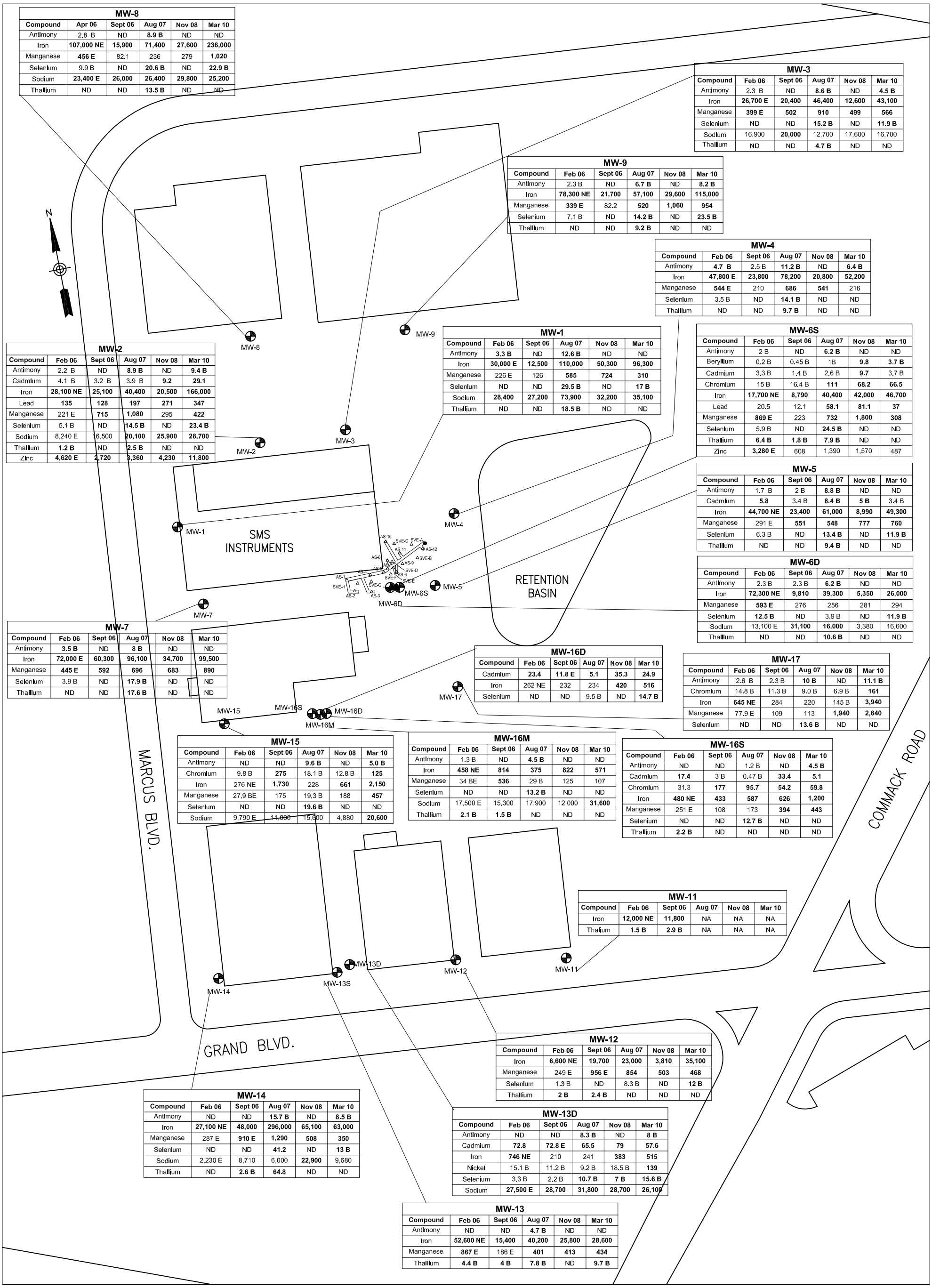


FIGURE 9
TOTAL VOCS IN MONITORING WELLS





MW-8

Compound	Apr 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	2.8 B	ND	**8.9 B**	ND	ND
Iron	**107,000 NE**	**15,900**	**71,400**	**27,600**	**236,000**
Manganese	**456 E**	82.1	236	279	**1,020**
Selenium	9.9 B	ND	**20.6 B**	ND	**22.9 B**
Sodium	**23,400 E**	**26,000**	**26,400**	**29,800**	**25,200**
Thallium	ND	ND	**13.5 B**	ND	ND

MW-3

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	2.3 B	ND	**8.6 B**	ND	**4.5 B**
Iron	**26,700 E**	**20,400**	**46,400**	**12,600**	**43,100**
Manganese	**399 E**	**502**	**910**	**499**	**566**
Selenium	ND	ND	**15.2 B**	ND	**11.9 B**
Sodium	16,900	**20,000**	12,700	17,600	16,700
Thallium	ND	ND	**4.7 B**	ND	ND

MW-9

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	2.3 B	ND	**6.7 B**	ND	**8.2 B**
Iron	**78,300 NE**	**21,700**	**57,100**	**29,600**	**115,000**
Manganese	**339 E**	82.2	**520**	**1,060**	**954**
Selenium	7.1 B	ND	**14.2 B**	ND	**23.5 B**
Thalllum	ND	ND	**9.2 B**	ND	ND

MW-4

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	**4.7 B**	2.5 B	**11.2 B**	ND	**6.4 B**
Iron	**47,800 E**	**23,800**	**78,200**	**20,800**	**52,200**
Manganese	**544 E**	210	**686**	**541**	216
Selenium	3.5 B	ND	**14.1 B**	ND	ND
Thallium	ND	ND	**9.7 B**	ND	ND

MW-2

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	2.2 B	ND	**8.9 B**	ND	**9.4 B**
Cadmium	4.1 B	3.2 B	3.9 B	**9.2**	**29.1**
Iron	**28,100 NE**	**25,100**	**40,400**	**20,500**	**166,000**
Lead	**135**	**128**	**197**	**271**	**347**
Manganese	221 E	**715**	**1,080**	295	**422**
Selenium	5.1 B	ND	**14.5 B**	ND	**23.4 B**
Sodium	8,240 E	16,500	**20,100**	**25,900**	**28,700**
Thalllium	**1.2 B**	ND	**2.5 B**	ND	ND
Zinc	**4,620 E**	**2,720**	**3,360**	**4,230**	**11,800**

MW-1

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	**3.3 B**	ND	**12.6 B**	ND	ND
Iron	**30,000 E**	**12,500**	**110,000**	**50,300**	**96,300**
Manganese	226 E	126	**585**	**724**	**310**
Selenium	ND	ND	**29.5 B**	ND	**17 B**
Sodium	**28,400**	**27,200**	**73,900**	**32,200**	**35,100**
Thallium	ND	ND	**18.5 B**	ND	ND

MW-6S

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	2 B	ND	**6.2 B**	ND	ND
Beryllium	0.2 B	0.45 B	1B	**9.8**	**3.7 B**
Cadmium	3.3 B	1.4 B	2.6 B	**9.7**	3.7 B
Chromium	15 B	16.4 B	**111**	**68.2**	**66.5**
Iron	**17,700 NE**	**8,790**	**40,400**	**42,000**	**46,700**
Lead	20.5	12.1	**58.1**	**81.1**	**37**
Manganese	**869 E**	223	**732**	**1,800**	**308**
Selenium	5.9 B	ND	**24.5 B**	ND	ND
Thallium	**6.4 B**	**1.8 B**	**7.9 B**	ND	ND
Zinc	**3,280 E**	608	1,390	1,570	487

MW-5

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	1.7 B	2 B	**8.8 B**	ND	ND
Cadmium	**5.8**	3.4 B	**8.4 B**	**5 B**	3.4 B
Iron	**44,700 NE**	**23,400**	**61,000**	**8,990**	**49,300**
Manganese	291 E	**551**	**548**	**777**	**760**
Selenium	6.3 B	ND	**13.4 B**	ND	**11.9 B**
Thallium	ND	ND	**9.4 B**	ND	ND

MW-6D

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	2.3 B	2.3 B	**6.2 B**	ND	ND
Iron	**72,300 NE**	**9,810**	**39,300**	**5,350**	**26,000**
Manganese	**593 E**	276	256	281	294
Selenium	**12.5 B**	ND	3.9 B	ND	**11.9 B**
Sodium	13,100 E	**31,100**	**16,000**	3,380	16,600
Thalllium	ND	ND	**10.6 B**	ND	ND

MW-7

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	**3.5 B**	ND	**8 B**	ND	ND
Iron	**72,000 E**	**60,300**	**96,100**	**34,700**	**99,500**
Manganese	**445 E**	**592**	**696**	**683**	**890**
Selenium	3.9 B	ND	**17.9 B**	ND	ND
Thalllium	ND	ND	**17.6 B**	ND	ND

MW-16D

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Cadmium	**23.4**	**11.8 E**	**5.1**	**35.3**	**24.9**
Iron	262 NE	232	234	**420**	**516**
Selenium	ND	ND	9.5 B	ND	**14.7 B**

MW-17

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	2.6 B	2.3 B	**10 B**	ND	**11.1 B**
Chromium	14.8 B	11.3 B	9.0 B	6.9 B	**161**
Iron	**645 NE**	284	220	145 B	**3,940**
Manganese	77.9 E	109	113	**1,940**	**2,640**
Selenium	ND	ND	**13.6 B**	ND	ND

MW-15

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	ND	ND	**9.6 B**	ND	**5.0 B**
Chromium	9.8 B	**275**	18.1 B	12.8 B	**125**
Iron	276 NE	**1,730**	228	**661**	**2,150**
Manganese	27.9 BE	175	19.3 B	188	**457**
Selenium	ND	ND	**19.6 B**	ND	ND
Sodium	9,790 E	11,000	15,600	4,880	**20,600**

MW-16M

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	1.3 B	ND	**4.5 B**	ND	ND
Iron	**458 NE**	**814**	**375**	**822**	**571**
Manganese	34 BE	**536**	29 B	125	107
Selenium	ND	ND	**13.2 B**	ND	ND
Sodium	17,500 E	15,300	17,900	12,000	**31,600**
Thallium	**2.1 B**	**1.5 B**	ND	ND	ND

MW-16S

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	ND	ND	1.2 B	ND	**4.5 B**
Cadmium	**17.4**	3 B	0.47 B	**33.4**	**5.1**
Chromium	31.3	**177**	**95.7**	**54.2**	**59.8**
Iron	**480 NE**	**433**	**587**	**626**	**1,200**
Manganese	251 E	108	173	**394**	**443**
Selenium	ND	ND	**12.7 B**	ND	ND
Thallium	**2.2 B**	ND	ND	ND	ND

MW-11

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Iron	**12,000 NE**	**11,800**	NA	NA	NA
Thalium	**1.5 B**	**2.9 B**	NA	NA	NA

MW-12

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Iron	**6,600 NE**	**19,700**	**23,000**	**3,810**	**35,100**
Manganese	249 E	**956 E**	**854**	**503**	**468**
Selenium	1.3 B	ND	8.3 B	ND	**12 B**
Thallium	**2 B**	**2.4 B**	ND	ND	ND

MW-14

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	ND	ND	**15.7 B**	ND	**8.5 B**
Iron	**27,100 NE**	**48,000**	**296,000**	**65,100**	**63,000**
Manganese	287 E	**910 E**	**1,290**	**508**	**350**
Selenium	ND	ND	**41.2**	ND	**13 B**
Sodium	2,230 E	8,710	6,000	**22,900**	9,680
Thallium	ND	**2.6 B**	**64.8**	ND	ND

MW-13D

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	ND	ND	**8.3 B**	ND	**8 B**
Cadmium	**72.8**	**72.8 E**	**65.5**	**79**	**57.6**
Iron	**746 NE**	210	241	**383**	**515**
Nickel	15.1 B	11.2 B	9.2 B	18.5 B	**139**
Selenium	3.3 B	2.2 B	**10.7 B**	**7 B**	**15.6 B**
Sodium	**27,500 E**	**28,700**	**31,800**	**28,700**	**26,100**

MW-13

Compound	Feb 06	Sept 06	Aug 07	Nov 08	Mar 10
Antimony	ND	ND	**4.7 B**	ND	ND
Iron	**52,600 NE**	**15,400**	**40,200**	**25,800**	**28,600**
Manganese	**867 E**	186 E	**401**	**413**	**434**
Thalllum	**4.4 B**	**4 B**	**7.8 B**	ND	**9.7 B**

LEGEND:

MW-14 — EXISTING MONITORING WELLS

NOTES:

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

GRAPHIC SCALE

50 0 50 100 150

Prepared by : AECOM

SUBMITTED BY : PK

DRAWN BY : SC

APPROVED BY : PK

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

METALS EXCEEDANCE IN GROUNDWATER

DATE : JUNE 2010

SCALE : AS SHOWN

DRAWING NO. : 10

TABLES

TABLE 1
SMS INSTRUMENTS SITE (#1-52-026)
SUMMARY OF SOIL AND GROUNDWATER CLEANUP CRITERIA

Soil Contaminants	Soil Cleanup Level (mg/kg)	Ambient Air Guideline Concentration (µg/m^3) (SVE system operation)
Volatiles		
trans-1,2-Dichloroethene	0.5	Not identified
2-Butanone	0.5	Not identified
2-Hexanone	0.7	Not identified
Tetrachloroethene	1.5	1,116
Toluene	1.5	7,500
Trichloroethene	1	900
Total Xylene	1.2	1,450
Ethylbenzene	5.5	1,450
Chlorobenzene	1	1,167
Semivolatiles		
1,4-Dichlorobenzene	1	Not identified
1,3-Dichlorobenzene	1.5	Not identified
1,2-Dichlorobenzene	1	1,000
Naphthalene	1	167
1,2,4-Trichlorobenzene	2.3	133
2-Methylnaphthalene	2	Not identified
Phenol	0.33	10
2-Methylphenol	2.6	Not identified
Bis(2-ethylhexyl)phthalate	4.5	Not identified

Note - Data taken from the Cost and Performance Report: Soil Vapor Extraction at the SMS Instruments Superfund Site, Deer Park, NY (EPA, March 1995).

Groundwater Contaminants	Chemical Specific ARARs (µg/L)
Volatiles	
trans-1,2-Dichloroethane	5
Tetrachloroethene	0.7
Trichloroethene	5
Total Xylene	5
Ethylbenzene	5
Chlorobenzene	5
1,1-Dichloroethane	5
Semivolatiles	
1,4-Dichlorobenzene	4.7
1,3-Dichlorobenzene	5
1,2-Dichlorobenzene	4.7
Naphthalene	5
Metals	
Chromium	50
Lead	25

Note: Data taken from EPA ROD for OU-1, 1989.

TABLE 2
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
SUMMARY OF PHOSPHOLIPID FATTY ACID DATA (2006, 2007, 2008 AND 2009)

JUNE 2006

Boring Location	SMS-12	SMS-12	SMS-16	DW	DW	SMS-10
Sample ID	SMS-SB12-16-17	SMS-SB12-29-30	SMS-SB16-19-20	SMS-DW-19-20	SMS-DW-30-31	SMS-SB10-18-19
Sample Date	6/28/06	6/28/06	6/29/06	6/28/06	6/28/06	6/28/06
Sample Depth (ft bgs)	16 - 17	29 - 30	19 - 20	19 - 20	30 - 31	18 - 19
Total biomass	3.30E+07	3.93E+06	3.12E+07	1.76E+08	2.17E+06	1.47E+08

Boring Location	SMS-15	SMS-21
Sample ID	SMS-SB15-27-28	SMS-SB21-22-23
Sample Date	6/29/06	6/28/06
Sample Depth (ft bgs)	27 - 28	22 - 23
Total biomass	2.44E+06	7.41E+07

MARCH 2007

Boring Location	SMS-12	SMS-12B	SMS-16	SMS-16B	DW	DWB
Sample ID	SMS12235245	SMS12B235245	SMSSB16225235	SMSSB16B225235	SMSDW2425	SMSDWB2425
Sample Date	3/22/07	3/22/07	3/22/07	3/22/07	3/23/07	3/23/07
Sample Depth (ft bgs)	23.5 - 24.5	23.5 - 24.5	22.5 - 23.5	22.5 - 23.5	24 - 25	24 - 25
Total biomass	9.92E+07	4.05E+07	1.26E+08	1.35E+08	1.12E+08	1.33E+08

JANUARY 2008

Boring Location	SMS-12	SMS-12B	SMS-16	SMS-16B	DW	DWB
Sample ID	SMS12235245	SMS12B235245	SMSSB16225235	SMSSB16B225235	SMSDW2425	SMSDWB2425
Sample Date	1/16/08	1/16/08	1/16/08	1/16/08	1/17/08	1/17/08
Sample Depth (ft bgs)	23.5 - 24.5	23.5 - 24.5	22.5 - 23.5	22.5-23.5	24 - 25	24 - 25
Total biomass	5.58E+07	8.42E+07	1.58E+08	1.32E+08	1.12E+08	1.18E+08

NOVEMBER 2008

Boring Location	SMS-12	SMS-12B	SMS-16	SMS-16B	DW	DWB
Sample ID	12 23.5-24.5	12B 23.5-24.5	16 23.5-24.5	16B 23.5-24.5	DW 23.5-24.5	DWB 23.5-24.5
Sample Date	11/18/08	11/18/08	11/18/08	11/18/08	11/19/08	1/17/08
Sample Depth (ft bgs)	23.5 - 24.5	23.5 - 24.5	23.5 - 24.5	23.5 - 24.5	23.5 - 24.5	23.5 - 24.5
Total biomass	1.16E+08	1.19E+08	4.33E+07	1.61E+08	1.62E+08	1.63E+08

SEPTEMBER 2009

Boring Location	SMS-12	SMS-12B	SMS-16	SMS-16B	DW	DWB
Sample ID	12 23.5-24.5	12B 23.5-24.5	16 23.5-24.5	16B 23.5-24.5	DW 23.5-24.5	DWB 23.5-24.5
Sample Date	9/15/09	9/15/09	9/15/09	9/15/09	9/16/09	9/16/09
Sample Depth (ft bgs)	23.5 - 24.5	23.5 - 24.5	23.5 - 24.5	23.5 - 24.5	23.5 - 24.5	23.5 - 24.5
Total biomass	1.00E+08	1.54E+08	1.93E+08	1.72E+08	2.46E+08	1.49E+08

All sample units in cells/gram

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-10	SMS-10	SMS-10	SMS-12	SMS-12	SMS-12
Sample ID	Unre-	SB101819	SB102425	SB285295	B121617	B121920	SB121920
Laboratory ID	strictive	E0901-10B	E0901-11B	E0901-12B	E0901-13B	F0378-01A	G0076-07A
Sample Date	Soil	6/28/06	6/28/06	6/28/06	6/28/06	3/22/07	1/16/08
Sample Depth (ft bgs)	Objective	18-19	24-25	28.5-29.5	16-17	19-20	19-20
Acetone	50	***320*** E	***230***	ND	ND	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	ND	ND	ND	7
Chloroform	370	ND	ND	2 J	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	4 J	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	4 J	ND	ND	ND	ND
Xylenes (total)	260	ND	150	ND	ND	ND	ND
Isopropylbenzene	NC	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	2,500 D	750 D	4 J	ND	ND	ND
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	180	72	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	51	420 D	3 J	ND	ND	ND
sec-Butylbenzene	11,000	72	ND	ND	ND	ND	ND
4-Isopropyltoluene	NC	93	450 E	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	270 E	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	330 DJ	ND	ND	ND	ND	ND
n-Butylbenzene	12,000	140	620 D	ND	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	4 J	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	154	0	0	0	0
Total VOCs	<10,000	3,960	2,700	9	0	0	7
Total VOC TICs	NC	27,430 J	19,190 J	7,369 J	64 J	28,400 J	62 J

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (Sept 2009)
Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
NC - No Soil Cleanup Objective
BOLD/ITALICS - exceeds the unrestricted Soil Cleanup Objective
J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-12	SMS-12	SMS-12	SMS-12	SMS-12	SMS-12
Sample ID	Unre-	SMS121920	SMS-12 19-20	B12235245	B12235245	SB12235245	SMS12235245
Laboratory ID	strictive	G2173-03A	H1787-11	E0901-14B	F0378-02A	G0076-08A	G2173-11A
Sample Date	Soil	11/18/08	9/15/09	6/28/06	3/22/07	1/16/08	11/18/08
Sample Depth (ft bgs)	Objective	19-20	19-20	23.5-24.5	23.5-24.5	23.5-24.5	23.5-24.5
Acetone	50	ND	ND	***3,500*** E	ND	20 J	***58***
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	93	11
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	550	ND
Xylenes (total)	260	ND	ND	***3,800*** D	ND	***3,600***	8
Isopropylbenzene	NC	ND	ND	ND	ND	2,100	200
n-Propylbenzene	3,900	ND	ND	***7,000*** D	ND	2,800 D	400 D
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	ND	***50,000*** D	260	***19,000*** D	3,200 D
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	1,800 DJ	ND	610	130
1,2,4-Trimethylbenzene	3,600	ND	ND	***55,000*** D	ND	***30,000*** D	***4,400*** D
sec-Butylbenzene	11,000	ND	ND	4,400 D	ND	1,600	330 JD
4-Isopropyltoluene	NC	ND	ND	360 E	84	3,400 D	780 D
1,3-Dichlorobenzene	2,400	ND	ND	210	ND	1100	190
1,4-Dichlorobenzene	1,800	ND	ND	320 E	ND	***2,000***	300 JD
n-Butylbenzene	12,000	ND	ND	***18,000*** D	ND	9,000 D	1,200 D
1,2 Dichlorobenzene	1,100	ND	ND	98	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	450	ND
1,2,4-Trichlorobenzene	NC	ND	ND	2 J	ND	20 J	ND
Naphthalene	12,000	ND	ND	3 J	ND	720	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	3,800	0	4,243	19
Total VOCs	<10,000	0	0	***144,493***	344	***77,063***	***11,207***
Total VOC TICs	NC	1,076 NJ	0	24,647 J	11,180 J	122,200 J	74,700 NJ

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (Sept 2009)
Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
NC - No Soil Cleanup Objective
BOLD/ITALICS - exceeds the unrestricted Soil Cleanup Objective
J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-12	SMS-12	SMS-12	SMS-12	SMS-12	SMS-12
Sample ID	Unre-	SMS 12 23.5-24.5	SB122930	B122930	SB122930	SMS122930	SMS 12 29-30
Laboratory ID	strictive	H1787-12	E0901-15B	F0378-03A	G0076-09A	G2173-12A	H1787-10
Sample Date	Soil	9/15/09	6/28/06	3/22/07	1/16/08	11/18/08	9/15/09
Sample Depth (ft bgs)	Objective	23.5-24.5	29-30	29-30	29-30	29-30	29-30
Acetone	50	ND	ND	ND	ND	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	11	ND
2-Butanone	120	ND	ND	ND	25	ND	ND
Chloroform	370	ND	3 J	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	4 J	ND	ND
1,1,2-Trichloroethane	NC	3,700	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND
Xylenes (total)	260	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NC	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	3 J	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	44	ND	ND	ND	ND
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	260 J	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	310 J	72	ND	1 J	ND	ND
sec-Butylbenzene	11,000	220 J	ND	ND	ND	ND	ND
4-Isopropyltoluene	NC	ND	40	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	150 J	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12,000	1,100	240	ND	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	4 J	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	0	4	0	0
Total VOCs	<10,000	5,740	406	0	30	11	0
Total VOC TICs	NC	189,000 NJ	1,182 J	ND	7 J	0	315 J

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (Sept 2009)
Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
NC - No Soil Cleanup Objective
BOLD/ITALICS - exceeds the unrestricted Soil Cleanup Objective
J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-12B	SMS-12B	SMS-12B	SMS-12B	SMS-12B	SMS-12B
Sample ID	Unre-	B12B1920	SB12B1920	SMS12B1920	SMS-12B 19-20	B12B235245	SB12B235245
Laboratory ID	strictive	F0378-04A	G0076-10A	G2173-04A	H1787-08	F0378-05A	G0076-11A
Sample Date	Soil	3/22/07	1/16/08	11/18/08	9/15/09	3/22/07	1/16/08
Sample Depth (ft bgs)	Objective	19-20	19-20	19-20	19-20	23.5-24.5	23.5-24.5
Acetone	50	ND	ND	ND	ND	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	77
Bromodichloromethane	NC	ND	ND	ND	ND	ND	250
Toluene	700	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	16,000 E
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND
Xylenes (total)	260	ND	ND	ND	ND	***1,200***	52 J
Isopropylbenzene	NC	ND	ND	ND	ND	2,300 D	300
n-Propylbenzene	3,900	ND	ND	ND	ND	***4,600*** D	720
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	ND	ND	ND	***32,000*** D	3,100 D
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	21 J
tert-Butylbenzene	5,900	ND	ND	ND	ND	ND	360
1,2,4-Trimethylbenzene	3,600	ND	ND	ND	ND	***51,000*** D	3,300 D
sec-Butylbenzene	11,000	ND	ND	ND	ND	3,400 D	900
4-Isopropyltoluene	NC	ND	ND	ND	ND	4,700 D	1,600
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	ND	120
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND	100
n-Butylbenzene	12,000	ND	ND	ND	ND	***15,000*** D	2,400 D
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	460
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	160	71
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	0	0	1,200	52
Total VOCs	<10,000	0	0	0	0	***114,360***	***29,831***
Total VOC TICs	NC	ND	8 J	44.1	0	37,700 J	20,000 J

Notes:
All units in µg/kg
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Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
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J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-12B	SMS-12B	SMS-12B	SMS-12B	SMS-12B	SMS-12B
Sample ID	Unre-	SMS12B235245	SMS12B 23.5-24.5	B12B2930	SB12B2930	SMS12B2930	SMS12B 29-30
Laboratory ID	strictive	G2173-13A	H1787-09	F0378-06A	G0076-12A	G2173-14A	H1787-10
Sample Date	Soil	11/18/08	9/15/09	3/22/07	1/16/08	11/18/08	9/15/09
Sample Depth (ft bgs)	Objective	23.5-24.5	23.5-24.5	29-30	29-30	29-30	29-30
Acetone	50	***81***	ND	ND	ND	ND	ND
Carbon Disulfide*	NC	4.9	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	13	ND
2-Butanone	120	ND	ND	ND	8	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	2 J	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND
Xylenes (total)	260	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NC	32	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	130	ND	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	4,300 D	ND	ND	2 J	ND	ND
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	120	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	2,200 D	ND	ND	1 J	ND	ND
sec-Butylbenzene	11,000	170	ND	ND	ND	ND	ND
4-Isopropyltoluene	NC	900 D	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12,000	1,700 D	ND	ND	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	1.9 J	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	0	2	0	0
Total VOCs	<10,000	9,639.8	0	0	13	13	0
Total VOC TICs	NC	73,900 NJ	222,000 NJ	ND	346 J	0	0

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (Sept 2009)
Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
NC - No Soil Cleanup Objective
BOLD/ITALICS - exceeds the unrestricted Soil Cleanup Objective
J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-15	SMS-15	SMS-15	SMS-16	SMS-16	SMS-16
Sample ID	Unre-	B15165175	B152223	B152728	B16165175	SB161920	B161920
Laboratory ID	strictive	E0901-19B	E0901-20B	E0901-22B	E0901-16B	E0901-21B	F0378-11A
Sample Date	Soil	6/28/06	6/28/06	6/28/06	6/29/06	6/29/06	3/22/07
Sample Depth (ft bgs)	Objective	16.5-17.5	22-23	27-28	16.5-17.5	19-20	19-20
Acetone	50	ND	ND	ND	ND	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	2 J	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	26 J
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND
Xylenes (total)	260	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NC	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	ND	ND	4 J	ND	70
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	ND	ND	ND	6	ND	51 J
sec-Butylbenzene	11,000	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NC	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12,000	ND	ND	ND	7	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	4 JB	3 JB	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	0	0	0	0
Total VOCs	<10,000	4	3	0	19	0	147
Total VOC TICs	NC	ND	ND	ND	163 J	ND	42,000 J

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (Sept 2009)
Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
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J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-16	SMS-16	SMS-16	SMS-16	SMS-16	SMS-16
Sample ID	Unre-	SB161920	SMS-16 19-20	SMS-16 19-20	SB1622.523.5	B16235245	SB16235245
Laboratory ID	strictive	G0076-04A	G2173-05A	H1787-04	E0901-17B	F0378-12A	G0076-05A
Sample Date	Soil	1/16/08	11/18/08	9/15/09	6/29/06	3/22/07	1/16/08
Sample Depth (ft bgs)	Objective	19-20	19-20	19-20	22.5-23.5	23.5-24.5	23.5-24.5
Acetone	50	ND	4.3 J	ND	***960***	47	***690***
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	7	ND	ND	ND	ND	***370***
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	300 J
Toluene	700	1 J	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	20,000 E
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	***2,100*** E	ND	570
Xylenes (total)	260	ND	ND	ND	***13,000*** D	ND	***4,500***
Isopropylbenzene	NC	ND	ND	ND	1,400 DJ	ND	660
n-Propylbenzene	3,900	ND	ND	ND	1,200 E	ND	1,200
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	93 J
1,3,5-Trimethylbenzene	8,400	ND	ND	ND	***24,000*** D	120	***17,000*** D
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	ND	ND	ND	660
1,2,4-Trimethylbenzene	3,600	ND	ND	ND	***32,000*** D	55	***15,000*** D
sec-Butylbenzene	11,000	ND	ND	ND	1,000	ND	1,300
4-Isopropyltoluene	NC	ND	ND	ND	ND	ND	2,200
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	1,800 E	ND	***2,600***
n-Butylbenzene	12,000	ND	ND	ND	1,700 E	ND	5,700
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	130	ND	2,100
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	1	0	0	15,100	0	5,070
Total VOCs	<10,000	8	4.3	0	***79,290***	222	***74,943***
Total VOC TICs	NC	7 J	276 J	0	35,950 J	33,300 J	171,200 J

Notes:
All units in µg/kg
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Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
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J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-16	SMS-16	SMS-16	SMS-16	SMS-16	SMS-16
Sample ID	Unre-	16 23.5-24.5	16 23.5-24.5	SB162930	B162930	SB162930	16 29-30
Laboratory ID	strictive	G2173-16A	H1787-05	E0901-18B	F0378-13A	G0076-06A	G2173-17A
Sample Date	Soil	11/18/08	9/15/09	6/29/06	3/22/07	1/16/08	11/18/08
Sample Depth (ft bgs)	Objective	23.5-24.5	23.5-24.5	29-30	29-30	29-30	29-30
Acetone	50	ND	ND	ND	ND	ND	7.8
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	ND	ND	16	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND
Xylenes (total)	260	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NC	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	3.3 J	ND	ND	ND	ND	ND
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	2.2 J	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NC	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12,000	ND	ND	ND	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	0	0	0	0
Total VOCs	<10,000	5.5	0	0	0	16	7.8
Total VOC TICs	NC	472 NJ	254,900 NJ	ND	ND	114 J	264 NJ

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (Sept 2009)
All units in µg/kg
NC - No Soil Cleanup Objective
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J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-16	SMS-16B	SMS-16B	SMS-16B	SMS-16B	SMS-16B
Sample ID	Unre-	16 29-30	B16B1920	SB16B1920	SMS16B19-20	SMS16B19-20	B16B225235
Laboratory ID	strictive	H1787-07	F0378-07A	G0076-01A	G2173-06A	H1787-01	F0378-08A
Sample Date	Soil	9/15/09	3/22/07	1/16/08	11/18/08	9/15/09	3/22/07
Sample Depth (ft bgs)	Objective	29-30	19-20	19-20	19-20	19-20	22.5-23.5
Acetone	50	ND	ND	ND	ND	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	12	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND
Xylenes (total)	260	ND	ND	ND	ND	ND	50 J
Isopropylbenzene	NC	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	ND	ND	ND	ND	480
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	ND	ND	ND	ND	ND	300
sec-Butylbenzene	11,000	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NC	ND	ND	ND	ND	ND	120
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12,000	ND	ND	ND	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	0	0	0	50
Total VOCs	<10,000	0	0	12	0	0	950
Total VOC TICs	NC	12.5 NJ	8,120 J	5 J	0	3,130 J	104,500 J

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (Sept 2009)
Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
NC - No Soil Cleanup Objective
BOLD/ITALICS - exceeds the unrestricted Soil Cleanup Objective
J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-16B	SMS-16B	SMS-16B	SMS-16B	SMS-16B	SMS-16B
Sample ID	Unre-	SB16B225235	16B 23.5-24.5	16B 23.5-24.5	B16B2930	SB16B2930	16B 29-30
Laboratory ID	strictive	G0076-02A	G2173-18A	H1787-02	F0378-09A	G0076-03A	G2173-19A
Sample Date	Soil	1/16/08	11/18/08	9/15/09	3/22/07	1/16/08	11/18/08
Sample Depth (ft bgs)	Objective	22.5-23.5	23.5-24.5	23.5-24.5	29-30	29-30	29-30
Acetone	50	ND	***78***	ND	ND	ND	2.9 J
Carbon Disulfide*	NC	ND	3.8 J	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	33 J	ND	ND	ND	18	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	30 J	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	27 J	9.9	ND	ND	2 J	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	45 J	59	ND	ND	ND	ND
Xylenes (total)	260	***380***	***310***	ND	ND	ND	ND
Isopropylbenzene	NC	85	110	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	190	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	***8,700*** D	4,700 D	ND	ND	ND	3.6 J
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	240	90	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	1,100	3,400 D	ND	ND	ND	2.9 J
sec-Butylbenzene	11,000	250	71	690 J	ND	ND	ND
4-Isopropyltoluene	NC	750	190	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	300	380 D	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	680	570 D	ND	ND	ND	ND
n-Butylbenzene	12,000	1,200	170	3,700	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	110	6.3 J	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	452	379	0	0	2	0
Total VOCs	<10,000	***13,930***	***10,338***	4,390	0	20	9.4
Total VOC TICs	NC	195,000 J	5,780 NJ	745,000 NJ	ND	857 J	321

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (Sept 2009)
Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
NC - No Soil Cleanup Objective
BOLD/ITALICS - exceeds the unrestricted Soil Cleanup Objective
J - Estimated value
E - Result exceeds the calibration range, estimated value
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Data validation has NOT been performed on this data

TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	SMS-16B	SMS-21	SMS-21	SMS-21	DW	DW
Sample ID	Unre-	16B 29-30	B211920	B212223	B212930	DW-1920	DW-1920
Laboratory ID	strictive	H1787-03	E0901-06B	E0901-07B	E0901-09B	E0901-01B	F0378-15A
Sample Date	Soil	9/15/09	6/28/06	6/28/06	6/28/06	6/28/06	3/23/07
Sample Depth (ft bgs)	Objective	29-30	19-20	22-23	29-30	19-20	19-20
Acetone	50	ND	ND	***110***	ND	***66***	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	ND	ND	ND	ND
Chloroform	370	ND	2 J	ND	ND	18 J	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	6	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	37	ND
Ethylbenzene	1,000	ND	ND	ND	ND	400	ND
Xylenes (total)	260	ND	3 J	ND	ND	***20,000*** D	ND
Isopropylbenzene	NC	ND	ND	ND	ND	210	ND
n-Propylbenzene	3,900	ND	ND	140	ND	280	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	ND	300 DJ	ND	***34,000*** D	ND
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	ND	ND	170 DJ	ND	***22,000*** D	ND
sec-Butylbenzene	11,000	ND	ND	190	ND	300	ND
4-Isopropyltoluene	NC	ND	ND	360 E	ND	1,000	ND
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	***8,700*** D	ND
1,4-Dichlorobenzene	1,800	ND	3 J	ND	ND	***41,000*** D	ND
n-Butylbenzene	12,000	ND	ND	490 D	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	10,000 D	ND
Naphthalene	12,000	ND	ND	ND	ND	1,900 D	18 J
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	330	ND
Total BTEX	NC	0	3	6	0	20,400	0
Total VOCs	<10,000	0	8	1,766	0	***140,241***	18
Total VOC TICs	NC	149.8 NJ	ND	21,130 J	ND	63,300 J	2,270 J

Notes:
All units in µg/kg
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Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
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TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	DW	DW	DW	DW	DW	DW
Sample ID	Unre-	DW-1920	DW 19-20	DW 19-20	DW215225	DW-2425	DW-2425
Laboratory ID	strictive	G0076-17A	G2173-01A	H1787-15	E0901-03B	E0901-04B	F0378-16A
Sample Date	Soil	1/17/08	11/19/08	9/16/09	6/28/06	6/28/06	3/23/07
Sample Depth (ft bgs)	Objective	19-20	19-20	19-20	21.5-22.5	24-25	24-25
Acetone	50	ND	ND	ND	***70***	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	2 J	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	8	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	130	***3,700***	ND
Xylenes (total)	260	ND	ND	ND	***3400*** D	***33,000***	ND
Isopropylbenzene	NC	ND	ND	ND	130	1,900	ND
n-Propylbenzene	3,900	ND	ND	ND	93	2,400	ND
2-Chlorotoluene	NC	ND	ND	ND	72	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	ND	ND	***9700*** D	***17,000***	ND
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	ND	ND	600 J	ND
1,2,4-Trimethylbenzene	3,600	ND	ND	ND	***7800*** D	***30,000***	ND
sec-Butylbenzene	11,000	ND	ND	ND	100	1,800	ND
4-Isopropyltoluene	NC	ND	ND	ND	170	ND	ND
1,3-Dichlorobenzene	2,400	ND	ND	ND	140	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	***4600*** D	***3,900***	ND
n-Butylbenzene	12,000	ND	ND	ND	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	69	1,800	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	0	3,538	36,700	0
Total VOCs	<10,000	0	0	0	***26,484***	***96,100***	0
Total VOC TICs	NC	83 J	0	348.8 J	17,426 J	950,800 J	474 J

Notes:
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Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
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TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	DW	DW	DW	DW	DW	DW
Sample ID	Unre-	DW-2425	DW-23.5-24.5	DW-23.5-24.5	DW-2930	DW-2930	DW 29-30
Laboratory ID	strictive	G0076-18A	G2173-07A	H1787-16	F0378-17A	G0076-19A	G2173-08A
Sample Date	Soil	1/17/08	11/19/08	9/16/09	3/23/07	1/17/08	11/19/08
Sample Depth (ft bgs)	Objective	24-25	23.5-24.5	23.5-24.5	29-30	29-30	29-30
Acetone	50	ND	30	ND	ND	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	13
2-Butanone	120	ND	ND	ND	ND	8	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	2 J	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	56 J	ND	ND	ND	ND	ND
Xylenes (total)	260	***630***	27	ND	ND	ND	ND
Isopropylbenzene	NC	60	15 J	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	2,000	4,500 D	1,300	ND	ND	ND
4-Chlorotoluene	NC	94	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	100	240	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	1,100	130	160 J	2 J	ND	ND
sec-Butylbenzene	11,000	200	52	ND	ND	ND	ND
4-Isopropyltoluene	NC	410	220	140 J	ND	ND	ND
1,3-Dichlorobenzene	2,400	ND	270	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	440	***1,900 D***	ND	ND	ND	ND
n-Butylbenzene	12,000	990	ND	670	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	86	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	71 B	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	686	27	0	0	2	0
Total VOCs	<10,000	6,237	7,384	2,270	2	10	13
Total VOC TICs	NC	96,300 J	83,500 NJ	203,300 NJ	159 J	ND	ND

Notes:
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Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
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TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	DW	DW	DWB	DWB	DWB	DWB
Sample ID	Unre-	DW 29-30	DW-3031	DWB-1920	DWB-1920	DWB 19-20	DWB 19-20
Laboratory ID	strictive	H1787-17	E0901-05B	F0378-18A	G0076-14A	G2137-02A	H1787-18
Sample Date	Soil	9/16/09	6/28/06	3/23/07	1/17/08	11/19/08	9/16/09
Sample Depth (ft bgs)	Objective	29-30	30-31	19-20	19-20	19-20	19-20
Acetone	50	ND	ND	ND	ND	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	ND	ND	3 J	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	ND	ND	ND	ND	ND
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	ND	ND	ND	ND	ND	ND
Xylenes (total)	260	ND	ND	ND	ND	ND	ND
Isopropylbenzene	NC	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3,900	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3,600	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11,000	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	NC	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2,400	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12,000	ND	ND	ND	ND	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	0	0	0	0	0	0
Total VOCs	<10,000	0	0	0	3	0	0
Total VOC TICs	NC	ND	ND	1,179 J	39 J	0	0

Notes:
All units in µg/kg
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Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
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J - Estimated value
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TABLE 3
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PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	DWB	DWB	DWB	DWB	DWB	DWB
Sample ID	Unre-	DWB-2425	DWB-2425	DWB 23.5-24.5	DWB 23.5-24.5	DWB-2930	DWB-2930
Laboratory ID	strictive	F0378-19A	G0076-15A	G2173-09A	H1787-19	F0378-20A	G0076-16A
Sample Date	Soil	3/23/07	1/17/08	11/19/08	9/16/09	3/23/07	1/17/08
Sample Depth (ft bgs)	Objective	24-25	24-25	23.5 - 24.5	23.5 - 24.5	29-30	29-30
Acetone	50	ND	3 J	***67***	ND	ND	ND
Carbon Disulfide*	NC	ND	ND	ND	ND	ND	ND
Methylene Chloride	50	ND	ND	ND	ND	ND	ND
2-Butanone	120	ND	6	ND	ND	ND	ND
Chloroform	370	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	680	ND	ND	ND	ND	ND	ND
Trichloroethene	470	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	NC	ND	1 J	ND	ND	ND	4 J
Bromodichloromethane	NC	ND	ND	ND	ND	ND	ND
Toluene	700	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NC	ND	ND	ND	ND	ND	ND
Chlorobenzene	1,100	ND	ND	ND	ND	ND	ND
Ethylbenzene	1,000	***3,100*** D	ND	ND	ND	ND	ND
Xylenes (total)	260	***23,000*** D	9	22	ND	ND	ND
Isopropylbenzene	NC	5,200 D	1 J	33	ND	ND	ND
n-Propylbenzene	3,900	***10,000*** D	ND	48	ND	ND	ND
2-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8,400	***41,000*** D	75	4,400 D	150 J	ND	ND
4-Chlorotoluene	NC	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5,900	ND	3 J	54	330 J	ND	ND
1,2,4-Trimethylbenzene	3,600	***73,000*** D	76	***4,300*** D	ND	ND	ND
sec-Butylbenzene	11,000	2,200 E	5 J	83	1,600	ND	ND
4-Isopropyltoluene	NC	4,700 D	13	240	2,400	ND	ND
1,3-Dichlorobenzene	2,400	ND	ND	33	ND	ND	ND
1,4-Dichlorobenzene	1,800	1,400	5 J	90	ND	ND	ND
n-Butylbenzene	12,000	***17,000*** D	29	270	4,400	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Naphthalene	12,000	940	3 JB	ND	ND	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND	ND	ND	ND	ND
Total BTEX	NC	26,100	9	22	0	0	0
Total VOCs	<10,000	***181,540***	229	9,640	8,880	0	4
Total VOC TICs	NC	9,660 J	7,080 J	9,430 NJ	458,000 NJ	51 J	7 J

Notes:
All units in µg/kg
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Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
NC - No Soil Cleanup Objective
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J - Estimated value
E - Result exceeds the calibration range, estimated value
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TABLE 3
MULTI SITE G - SMS INSTRUMENTS (SITE # 1-52-026)
PHOSTER SYSTEM SOIL SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY
COMPARISON OF JUNE 2006, MARCH 2007, JANUARY 2008, NOVEMBER 2008 and SEPTEMBER 2009 DATA

Sample Location	NYSDEC	DWB	DWB
Sample ID	Unre-	DWB 29-30	DWB 29-30
Laboratory ID	strictive	G2173-10A	H1787-20
Sample Date	Soil	11/19/08	9/16/09
Sample Depth (ft bgs)	Objective	29-30	29-30
Acetone	50	ND	ND
Carbon Disulfide*	NC	ND	ND
Methylene Chloride	50	12	ND
2-Butanone	120	ND	ND
Chloroform	370	ND	ND
1,1,1-Trichloroethane	680	ND	ND
Trichloroethene	470	ND	ND
1,2-Dichloropropane	NC	ND	ND
Bromodichloromethane	NC	ND	ND
Toluene	700	ND	ND
1,1,2-Trichloroethane	NC	ND	ND
Chlorobenzene	1,100	ND	ND
Ethylbenzene	1,000	ND	ND
Xylenes (total)	260	ND	ND
Isopropylbenzene	NC	ND	ND
n-Propylbenzene	3,900	ND	ND
2-Chlorotoluene	NC	ND	ND
1,3,5-Trimethylbenzene	8,400	ND	ND
4-Chlorotoluene	NC	ND	ND
tert-Butylbenzene	5,900	ND	ND
1,2,4-Trimethylbenzene	3,600	ND	ND
sec-Butylbenzene	11,000	ND	ND
4-Isopropyltoluene	NC	ND	ND
1,3-Dichlorobenzene	2,400	ND	ND
1,4-Dichlorobenzene	1,800	ND	ND
n-Butylbenzene	12,000	ND	ND
1,2 Dichlorobenzene	1,100	ND	ND
1,2-Dibromo-3-chloropropane	NC	ND	ND
1,2,4-Trichlorobenzene	NC	ND	ND
Naphthalene	12,000	ND	ND
1,2,3-Trichlorobenzene	NC	ND	ND
Total BTEX	NC	0	0
Total VOCs	<10,000	12	0
Total VOC TICs	NC	0	0

Notes:
All units in µg/kg
Shaded columns are the latest sampling sampling data (S
Soil cleanup objectives taken from 6 NYCRR Part 375-6.8(a)
NC - No Soil Cleanup Objective
BOLD/ITALICS - exceeds the unrestricted Soil Cleanup Objective
J - Estimated value
E - Result exceeds the calibration range, estimated value
D - Diluted sample
Data validation has NOT been performed on this data

TABLE 4
SMS INSTRUMENTS SITE (1-52-026)
GROUNDWATER ELEVATIONS

Well #	Reference Elevation	Date	Depth To Water	Water Table Elevation	Comments
MW-1	73.18	8/13/07	17.98	55.20	
		11/5/08	19.25	53.93	
		3/8/10	18.37	54.81	
MW-2	72.34	8/13/07	16.91	55.43	
		11/5/08	18.19	54.15	
		3/8/10	17.36	54.98	
MW-3	71.40	8/13/07	15.95	55.45	
		11/5/08	17.22	54.18	
		3/8/10	16.41	54.99	
MW-4	72.04	8/13/07	16.68	55.36	
		11/5/08	17.99	54.05	
		3/8/10	17.18	54.86	
MW-5	70.87	8/13/07	15.72	55.15	
		11/5/08	16.99	53.88	
		3/8/10	16.16	54.71	
MW-6S	70.64	8/13/07	15.15	55.49	
		11/5/08	16.73	53.91	
		3/8/10	15.94	54.70	
MW-6D	70.70	8/13/07	15.59	55.11	
		11/5/08	16.75	53.95	
		3/8/10	16.02	54.68	
MW-7	72.09	8/13/07	17.06	55.03	
		11/5/08	18.28	53.81	
		3/8/10	17.41	54.68	
MW-8	71.22	8/13/07	15.54	55.68	
		11/5/08	16.85	54.37	
		3/8/10	16.02	55.20	
MW-9	70.58	8/13/07	14.87	55.71	
		11/5/08	16.24	54.34	
		3/8/10	15.35	55.23	
MW-11	67.54	8/13/07			could not locate
		11/5/08			could not locate
		3/8/10			could not locate

TABLE 4
SMS INSTRUMENTS SITE (1-52-026)
GROUNDWATER ELEVATIONS

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

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

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID	Class GA	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2
Laboratory ID	Ground	E0153-03A	E1376-16A	F1135-05A	G2029-10C	J0398-04A	E0136-03A	E1376-17A	F1135-13A	G2029-02C	J0398-05A
Sample Date	Water	2/10/06	9/12/06	8/14/07	11/5/08	3/09/10	2/7/06	9/12/06	8/15/07	11/4/08	3/9/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	***14.0***	4 J	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	1 J	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	NA	ND	ND	ND	ND	NA

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-5	MW-5	MW-5	MW-5	MW-5	MW-6D	MW-6D	MW-6D	MW-6D	MW-6D
Sample ID	Class GA	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-5	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D	SMS-MW-6D
Laboratory ID	Ground	E0136-19A	E1376-03A	F1135-03A	G2029-05C	J0398-11A	E0136-17A	E1376-05A	F1135-02A	G2029-07C	J0398-10A
Sample Date	Water	2/9/06	9/11/06	8/14/07	11/4/08	3/10/10	2/9/06	9/11/06	8/14/07	11/5/08	3/10/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.9
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	***2 J***	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	NA	ND	ND	ND	ND	NA

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-11	MW-11	MW-11	MW-11	MW-11	MW-12	MW-12	MW-12	MW-12	MW-12
Sample ID	Class GA	SMS-MW-11	SMS-MW-11	SMS-MW-11	SMS-MW-11	SMS-MW-11	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12	SMS-MW-12
Laboratory ID	Ground	E0136-05A	E1400-06A			NA	E0136-06A	E1400-05A	F1159-04A	G2029-23C	J0445-03A
Sample Date	Water	2/8/06	9/13/06	8/14/07	11/7/08	3/10/10	2/8/06	9/13/06	8/17/07	11/7/08	3/12/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,1,1-Trichloroethane	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Acetone	50	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Toluene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	1	0
Total TICs		ND	ND	NA	NA	NA	ND	ND	ND	31 J	NA

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13D	MW-13D	MW-13D	MW-13D	MW-13D
Sample ID	Class GA	SMS-MW-13	SMS-MW-13	SMS-MW-13	SMS-MW-13S	SMS-MW-13S	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D
Laboratory ID	Ground	E0136-07A	E1400-01A	F1159-03A	G2029-21C	J0445-02A	E0136-09A	E1400-02A	F1135-19A	G2029-22C	J0398-19A
Sample Date	Water	2/8/06	9/13/06	8/17/07	11/7/08	3/12/10	2/8/06	9/13/06	8/16/07	11/7/08	3/11/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9 J
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	1.0 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	1	0	0	0	0	1	0
Total TICs		ND	ND	ND	34 J	NA	ND	ND	ND	36 J	NA

Notes: All values in µg/L; NC - No criterion; ND - Not Detected; J - Estimated value; ***Bold/Italics*** - Exceeds criterion; NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-14	MW-14	MW-14	MW-14	MW-14	MW-15	MW-15	MW-15	MW-15	MW-15
Sample ID	Class GA	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-14	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15	SMS-MW-15
Laboratory ID	Ground	E0136-08A	E1400-07A	F1135-18A	G2029-19C	J0445-01A	E0136-11A	E1376-11A	F1135-17A	G2029-15C	J0398-15A
Sample Date	Water	2/8/06	9/13/06	8/16/07	11/7/08	3/12/10	2/8/06	9/12/06	8/16/07	11/6/08	3/11/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	6	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.1 J
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	1	0	0	0	0	1	0
Total TICs		ND	ND	ND	30 J	NA	ND	ND	ND	33 J	NA

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-16D	MW-16D	MW-16D	MW-16D	MW-16D	MW-16M	MW-16M	MW-16M	MW-16M	MW-16M
Sample ID	Class GA	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16D	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M	SMS-MW-16M
Laboratory ID	Ground	E0136-16A	E1400-03A	F1135-09A	G2029-14C	J0398-17A	E0136-15A	E1376-10A	F1135-10A	G2029-13C	J0398-18A
Sample Date	Water	2/9/06	9/13/06	8/13/07	11/6/08	3/11/10	2/9/06	9/12/06	8/13/07	11/6/08	3/11/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	ND
Chloromethane	NC	ND	ND	ND	ND	5.3	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	***1 J***	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	1 J	1 J	ND	ND	ND	2 J	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	1	0	0	0	0	1	0
Total TICs		ND	ND	ND	29 J	NA	ND	ND	ND	36 J	NA

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 5
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
VOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-16S	MW-16S	MW-16S	MW-16S	MW-16S	MW-17	MW-17	MW-17	MW-17	MW-17
Sample ID	Class GA	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-16S	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17	SMS-MW-17
Laboratory ID	Ground	E0136-12A	E1376-09A	F1135-16A	G2029-12C	J0398-16A	E0136-18A	E1376-04A	F1135-15A	G2029-11C	J0398-12A
Sample Date	Water	2/8/06	9/12/06	8/16/07	11/6/08	3/11/10	2/9/06	9/11/06	8/16/07	11/6/08	3/10/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,1,1-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	1 J	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.2 J
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND	ND	ND	ND	***2 J***	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	10	ND	2 J	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		0	0	0	0	0	0	0	0	0	0
Total TICs		ND	ND	ND	ND	NA	ND	ND	ND	ND	NA

Notes: All values in µg/L ND - Not Detected ***Bold/Italics*** - Exceeds criterion
NC - No criterion J - Estimated value NA - Not Analyzed

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

Notes: All values in µg/L; NC - No criterion; NA - Not analyzed; ND - Not Detected; J - Estimated value; D - Dilution; ***Bold/Italics*** - Exceeds criterion; B - Possible laboratory contamination

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID	Class GA	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2
Laboratory ID	Ground	E0153-03B	E1376-16B	F1135-05B	G2029-10C	J0398-04C	E0136-03C	E1376-17B	F1135-13B	G2029-02C	J0398-05C
Sample Date	Water	2/10/06	9/12/06	8/14/07	11/5/08	3/09/10	2/7/06	9/12/06	8/15/07	11/4/08	3/9/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	***21.0***	1 J	ND	ND	ND	2.0 J	2 J	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		3	3	3	1	NA	2	0	9	0	NA
Total TICs		111 J	32 J	28 J	4.1 NJ	NA	634 J	ND	34 J	ND	NA

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

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

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

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

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

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

Notes: All values in µg/L; NC - No criterion; NA - Not analyzed; ND - Not Detected; J - Estimated value; D - Dilution; ***Bold/Italics*** - Exceeds criterion; B - Possible laboratory contamination

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

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

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

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

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13D	MW-13D	MW-13D	MW-13D	MW-13D
Sample ID	Class GA	SMS-MW-13	SMS-MW-13	SMS-MW-13	SMS-MW-13S	SMS-MW-13S	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D	SMS-MW-13D
Laboratory ID	Ground	E0136-07C	E1400-01B	F1159-03B	G2029-21C	J0445-02C	E0136-09C	E1400-02B	F1159-02A	G2029-22C	J0398-19C
Sample Date	Water	2/8/06	9/13/06	8/17/07	11/7/08	3/12/10	2/8/06	9/13/06	8/16/07	11/7/08	3/11/10
	Criteria	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q	conc Q
1,3-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butylbenzyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	NC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	50	ND	ND	ND	ND	ND	2.0 J	ND	ND	ND	ND
Naphthalene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Number of TICs		4	1	7	3	NA	3	0	4	5	NA
Total TICs		290 J	8 J	51 J	50.6 NJ	NA	256 J	ND	35 J	45.2 NJ	NA

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

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

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

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

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

TABLE 6
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
SEMIVOLATILE ORGANIC COMPOUNDS, DETECTIONS ONLY

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

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

TABLE 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

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

Notes: All values in µg/L
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 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-1	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-2	MW-2
Sample ID	Class GA	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-1	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2	SMS-MW-2
Laboratory ID	Ground	E0153-03C	E1376-16C	F1135-05C	G2029-10C	J0398-04C	E0136-03B	E1376-17C	F1135-13C	G2029-02C	J0398-05C
Sample Date	Water	2/10/06	9/12/06	8/14/07	11/5/08	3/09/10	2/7/06	9/12/06	8/15/07	11/4/08	3/9/10
	Criteria	Conc Q	Conc Q	Conc Q	Conc Q	Conc Q	Conc Q	Conc Q	Conc Q	Conc Q	Conc Q
Aluminum	NC	236 E	319	4,360	705	604	1,930 E	6,060	3,440	929	2480
Antimony	3	***3.3*** B	ND	***12.6 B***	ND	ND	2.2 B	ND	***8.9 B***	ND	***9.4 B***
Arsenic	25	3.5 B	ND	ND	ND	7.5 B	2.6 B	4.4 B	ND	ND	5.9 B
Barium	1,000	48.7 B	71.5 B	91 B	76.7 B	85.9 B	28.2 B	63.2 B	78.9 B	64.5 B	75.2 B
Beryllium	3	ND	ND	0.48 B	0.19 B	0.17 B	ND	0.27 B	0.30 B	0.17 B	0.34 B
Cadmium	5	0.67 B	0.19 B	0.39 B	0.6 B	ND	4.1 B	3.2 B	3.9 B	***9.2***	***29.1***
Calcium	NC	24,000	19,500	20,100	38,600	33,600	13,100 E	18,300	19,700	24,700	26,200
Chromium	50	9.6 B	2.7 B	18 B	12.3 B	10.5 B	12.1 B	16.9 B	12.6 B	6.5 B	6.8 B
Cobalt	NC	2.5 B	1.2 B	9.3 B	4.0 B	2.3 B	2.4 BE	3.7 B	4.4 B	1.3 B	2.5 B
Copper	200	16.8 B	ND	33.8	41.3	30.8	43.0	35.6	37.0	37.5	40.6
Iron	300	***30,000*** E	***12,500***	***110,000***	***50,300***	***96,300***	***28,100*** NE	***25,100***	***40,400***	***20,500***	***166,000***
Lead	25	3.2 B	0.95 B	17.3	6.5 B	31.2	***135***	***128***	***197***	***271***	***347***
Magnesium	35,000	4,610 E	3,370	4,230	6,880	5,160	3,380 E	4,660	4590	5,950	6,960
Manganese	300	226 E	126	***585***	***724***	***310***	221 E	***715***	***1,080***	295	***422***
Mercury	0.7	ND	ND	0.066 B	ND	ND	ND	ND	0.055 B	ND	ND
Nickel	100	13.9 B	4.8 B	19.8 B	16.7 B	11.2 B	13.6 B	14.0 B	10.9 B	5.6 B	10.3 B
Potassium	NC	7,940	9,380	4,450	9,970	16,700	4,210	6,750	14,100	11,100	5,440
Selenium	10	ND	ND	***29.5 B***	ND	***17 B***	5.1 B	ND	***14.5 B***	ND	***23.4*** B
Silver	50	ND	ND	ND	ND	ND	ND	ND	ND	1.2 B	ND
Sodium	20,000	***28,400***	***27,200***	***73,900***	***32,200***	***35,100***	8,240 E	16,500	***20,100***	***25,900***	***28,700***
Thallium	0.5	ND	ND	***18.5 B***	ND	ND	***1.2*** B	ND	***2.5 B***	ND	ND
Vanadium	NC	1.3 B	0.85 B	9.3 B	2.0 B	0.94 B	11.1 B	18.8 B	14.6 B	6.0 B	8.8 B
Zinc	2,000	55.1	87.1	234	128	142	***4,620*** E	***2,720***	***3,360***	***4,230***	***11,800***

Notes: All values in µg/L
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 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

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

Notes: All values in µg/L
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 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

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

Notes: All values in µg/L
B - Estimated value
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E - result is estimated due to interference or exceedance of the calibrated range
ND - Not Detected
NA - Not Analyzed

TABLE 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

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

Notes: All values in µg/L
B - Estimated value
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E - result is estimated due to interference or exceedance of the calibrated range
ND - Not Detected
NA - Not Analyzed

TABLE 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-8		MW-8		MW-8		MW-8		MW-8		MW-9		MW-9		MW-9		MW-9	
Sample ID	Class GA	SMS-MW-8		SMS-MW-8		SMS-MW-8		SMS-MW-8		SMS-MW-8		SMS-MW-9		SMS-MW-9		SMS-MW-9		SMS-MW-9	
Laboratory ID	Ground	E0136-01B		E1376-02C		F1135-07C		G2029-01C		J0398-03C		E0136-02C		E1376-15C		F1135-06C		G2029-16C		J0398-01C	
Sample Date	Water	2/7/06		9/11/06		8/14/07		11/4/08		3/9/10		2/7/06		9/12/06		8/14/07		11/6/08		3/9/10	
	Criteria	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Aluminum	NC	194	BE	161	B	120	B	69.8	B	384		50.6	BE	21.9	B	40.8	B	ND		92.1	B
Antimony	3	2.8	B	ND		***8.9***	B	ND		ND		2.3	B	ND		***6.7***	B	ND		***8.2***	***B***
Arsenic	25	5.6	B	ND		ND		ND		ND		3.0	B	2.1	B	2.5	B	ND		4.3	B
Barium	1,000	43.4	B	39.6	B	61.3	B	119	B	103	B	35.1	B	25.7	B	34.4	B	50.3	B	45.1	B
Beryllium	3	ND		ND		ND		ND		0.27	B	ND		ND		ND		0.19	B	0.3	B
Cadmium	5	1.2	B	0.11	B	ND		ND		0.54	B	0.65	B	0.12	B	ND		0.30	B	ND	
Calcium	NC	24,500	E	27,200		25,000		35,700		30,300		9,130	E	16,400		29,200		23,300		23,700	
Chromium	50	31.7		9.9	B	26.1		6.7	B	15.5	B	38.5		6.3	B	5.4	B	2.8	B	12.6	B
Cobalt	NC	3.4	BE	1.1	B	7.3	B	2.1	B	9	B	2.0	BE	0.66	B	4.4	B	4.6	B	5.5	B
Copper	200	72.7		9.6	B	18.4	B	37.9		67.2		34.7		ND		ND		14.7	B	37.2	
Iron	300	***107,000***	NE	***15,900***		***71,400***		***27,600***		*236,000*		***78,300***	NE	***21,700***		***57,100***		***29,600***		*115,000*	
Lead	25	7.0	B	ND		3.0	B	4.5	B	6.3	B	3.9	B	ND		2.9	B	4.7	B	15.5	
Magnesium	35,000	3,870	E	3,520		4,960		5,300		3,610		1,530	E	2,560		4,860		3,770		3,620	
Manganese	300	***456***	E	82.1		236		279		***1,020***		***339***	E	82.2		***520***		***1,060***		***954***	
Mercury	0.7	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nickel	100	40.3	B	9.8	B	26.3	B	4.6	B	24.8	B	35.3	B	4.8	B	8.4	B	5.9	B	14.5	B
Potassium	NC	6,370		6,970		13,400		21,500		16,200		5,400		3,990		4,540		3,540		2,800	
Selenium	10	9.9	B	ND		***20.6***	B	ND		***22.9***	B	7.1	B	ND		***14.2***	B	ND		***23.5***	B
Silver	50	ND		ND		ND		1.5	B	ND		ND		ND		ND		1.9	B	ND	
Sodium	20,000	***23,400***	E	***26,000***		***26,400***		***29,800***		***25,200***		11,400	E	11,400		12,000		13,600		17,700	
Thallium	0.5	ND		ND		***13.5***	B	ND		ND		ND		ND		***9.2***	B	ND		ND	
Vanadium	NC	2.5	B	1.0	B	0.51	B	1.8	B	0.69	B	1.7	B	1.7	B	1.6	B	1.4	B	2.5	B
Zinc	2,000	95.5	E	31.0	B	68.6		72.0		123		33.9	BE	22.2	B	18.1	B	36.4	B	28.4	B

Notes: All values in µg/L
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 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

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

Notes: All values in µg/L
B - Estimated value
Bold/Italics - Exceeds criterion
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ND - Not Detected
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TABLE 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

Sample Location	NYSDEC	MW-13		MW-13		MW-13		MW-13		MW-13		MW-13D		MW-13D		MW-13D		MW-13D		MW-13D	
Sample ID	Class GA	SMS-MW-13		SMS-MW-13		SMS-MW-13		SMS-MW-13		SMS-MW-13		SMS-MW-13D		SMS-MW-13D		SMS-MW-13D		SMS-MW-13D		SMS-MW-13D	
Laboratory ID	Ground	E0136-07B		E1400-01C		F1159-03C		G2029-21C		J0445-02C		E0136-09C		E1400-02C		F1135-19C		G2029-22C		J0398-19C	
Sample Date	Water	2/8/06		9/13/06		8/17/07		11/7/08		3/12/10		2/8/06		9/13/06		8/16/07		11/7/08		3/11/10	
	Criteria	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q	Conc	Q
Aluminum	NC	82.6	BE	84	B	66.4	B	120	B	145	B	53.0	BE	82.0	B	24.5	B	63.7	B	86.0	B
Antimony	3	ND		ND		***4.7***	B	ND		ND		ND		ND		***8.3***	B	ND		***8.0***	***B***
Arsenic	25	3.2	B	3.3	B	ND		ND		7.6	B	ND		ND		ND		ND		ND	
Barium	1,000	103	B	39.4	B	29.2	B	20.8	B	16.3	B	67.2	B	69.6	B	76.9	B	66.8	B	75.4	B
Beryllium	3	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.064	B
Cadmium	5	1.4	B	0.89	BE	1.7	B	1.6	B	1.1	B	***72.8***		***72.8***	E	***65.5***		***79***		***57.6***	
Calcium	NC	30,200	E	11,500		6,280		5,350		5,260		12,900	E	13,300		13,100		13,000		13,100	
Chromium	50	3.1	B	1.9	BE	3.4	B	3.2	B	3.3	B	7.8	B	5.0	BE	1.7	B	5.8	B	20	B
Cobalt	NC	5.6	BE	2.3	B	5.3	B	3.5	B	3.8	B	1.1	BE	0.81	B	0.87	B	ND		ND	
Copper	200	11.5	B	9.3	B	ND		8.7	B	11	B	32.9		19.6	B	15.3	B	28.4	B	19.5	B
Iron	300	***52,600***	NE	***15,400***		***40,200***		***25,800***		***28,600***		***746***	NE	210		241		***383***		***515***	
Lead	25	1.0	B	2.3	B	0.84	B	2.4	B	ND		0.83	B	1.7	B	ND		2.4	B	4.2	B
Magnesium	35,000	3,260	E	1,230	E	1,020		902		677		7,790	E	8,300	E	8,340		7,990		7,390	
Manganese	300	***867***	E	186	*E	***401***		***413***		***434***		12.3	BE	5.9	B*E	6.3	B	25.2	B	18.5	B
Mercury	0.7	ND		ND		ND		0.095	B	ND		ND		ND		ND		ND		ND	
Nickel	100	9.3	B	3.6	B	6.0	B	4.9	B	5.5	B	15.1	B	11.2	B	9.2	B	18.5	B	***139***	
Potassium	NC	11,200		14,600		15,800		17,200		18,300		2,430		2,440		2,960		3,030		3,470	
Selenium	10	2.2	B	1.9	B	3.3	B	ND		ND		3.3	B	2.2	B	***10.7***	B	7.0	B	***15.6***	***B***
Silver	50	ND		1.8	B	ND		0.89	B	ND		ND		ND		1.4	B	1.9	B	ND	
Sodium	20,000	19,900	E	15,000		12,400		12,000		12,400		***27,500***	***E***	***28,700***		***31,800***		***28,700***		***26,100***	
Thallium	0.5	***4.4***	B	***4.0***	B	***7.8***	B	ND		***9.7***	B	ND		ND		ND		ND		ND	
Vanadium	NC	0.79	B	3.4	B	ND		ND		1.1	B	ND		1.1	B	ND		ND		0.44	B
Zinc	2,000	88.0	E	37.7	B	85.7		301		68		72.4	E	74.2		67.2		84.3		60.4	

Notes: All values in µg/L
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 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

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

Notes: All values in µg/L
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 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

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

Notes: All values in µg/L
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 7
SMS INSTRUMENTS SITE (#1-52-026)
FEBRUARY 2006, SEPTEMBER 2006, AUGUST 2007, NOVEMBER 2008 AND MARCH 2010 GROUNDWATER SAMPLING
TARGET ANALYTE LIST METALS, DETECTIONS ONLY

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

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

APPENDIX A

Groundwater Analytical Data

MW-1
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/5/94	3/10/95	9/29/95	12/5/95	7/11/96	10/21/96	1/16/97	5/29/97	7/16/97	10/8/97	1/15/98	4/9/98	7/16/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5	**2.0**	**1.0**	**2.0**	**2.0**	**3.0**	**2.0**	**2.1**	**1.3**	**4.0**	**3.0**	**1.4**	**1.9**	**6.4**	**20.0**	**2.1**
1,1,2-Trichloroethane	1															
1,1-Dichloroethane	5	**3.0**		**0.9**	**1.0**	**1.0**	**1.0**	**1.3**	**1.7**	**11.0**	**4.0**	**1.7**	**1.3**	**6.3**	**36.0**	**4.3**
1,1-Dichloroethene	5									**0.6** J					**0.3** JQM	
1,2,4-Trimethylbenzene	5															
2-Butanone	NL							**0.4** JQM	**0.6** JQM							
Acetone	50												**0.8** JMQ			
Bromoform	50														**0.4** JQM	
Bromomethane	5													**1.1**		
Carbon Disulfide	NL					**0.7**	**0.8**									
Chlorobenzene	5									**0.4** J						
Chloroform	7														**0.2** JQM	
cis-1,2-Dichloroethene	5													**1.5**	**4.8**	**0.8**
Ethylbenzene	5									**0.2** J	**0.3** J					
Methyl tert-butyl ether	NL															
Methylene Chloride	5															
Tetrachloroethene	5									**0.6** J	**0.2** J				**0.6** JQM	
Toluene	5							**0.3** JQM		**2.0**						
Trichloroethene	5							**1.4**	**2.3**	**1.0**						
Xylene (Total)	5									**2.0**	**1.0**					
Total VOCs		**5.0**	**1.0**	**2.9**	**3.0**	**4.7**	**3.8**	**5.5**	**5.9**	**21.8**	**8.5**	**3.1**	**4.0**	**15.3**	**62.3**	**7.2**
SVOC ppb or µg/L																
Benzo(g,h,i)perylene	5															
bis(2-Ethylhexyl)phthalate	50															
Butylbenzyl phthalate	50															
Di-n-butyl phthalate	50															**0.5** J
Di-n-octyl Phthalate	50															
Fluoranthene	50									**1** J						
Indeno(1,2,3-cd)pyrene	0.002															
Phenol	1															
Total SVOCs		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	**0**	**0**	**0**	**0.5**
Metals ppb or µg/L																
Aluminum	NL		**7390**		**360**	**2590**			**126** B	**147** B			**73.5** B	**46.1** B		
Antimony	3															
Arsenic	25		**6**													
Barium	1,000							**41.1** B	**34.1** B	**53.2** B	**43.8** B	**30.7** B	**26.1** B	**46** B	**70.9** B	**25.2** B
Beryllium	3															
Cadmium	5												**0.38** B			
Chromium	50		**36**					**1.6** B	**2.9** B				**0.9** B		**1** B	
Cobalt	NL								**1.4** B			**1.5** B	**2.6** B			
Copper	200		**64**		**35**	**21**		**3.2** B	**5** B	**32.4**	**3.7** B		**8.6** B	**6.9** B	**4** B	
Iron	300	**53**	**1430**	**63**	**3670**	**7750**	**939**	**1280**	**1430** EJ	**1300** J	**249**	**153**	**1450**	**341** J	**2660**	**2240**
Lead	25	**2**	**52**	**2**	**5**	**8**			**1.1** B	**3.2**				**1.3** B		**3.2**
Manganese	300	**30**	**843**	**5**	**39**	**2**	**22**	**19.8**	**24.7** J	**25.5**	**14.4** B	**4.2** B	**19.9**	**18.5**	**104**	**40.5**
Mercury	2															
Nickel	NL		**29**			**14**		**2.3** B	**3.6** B			**1.1** B		**1.3** B	**3.1** B	
Selenium	10															
Silver	50															
Thallium	0.5															
Vanadium	NL															
Zinc	300	**38**	**489**	**19**						**30.3**	**25.7**	**9.4** B		**24.6** J		**15.1** B
Total Metals		**123**	**10339**	**89**	**4109**	**10385**	**961**	**1348**	**1628.8**	**1591.6**	**336.6**	**199.9**	**1581.98**	**485.7**	**2843**	**2324**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

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E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-1
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/10/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5	**0.7**		**2.4**		**0.6**	JQM					**0.3**	JQM																				
1,1,2-Trichloroethane	1																					**0.4**	JQM										
1,1-Dichloroethane	5	**0.7**		**3.3**		**0.8**	JQM																							**14.0**		**4.0**	J		
1,1-Dichloroethene	5																																
1,2,4-Trimethylbenzene	5					**0.3**	JQM																										
2-Butanone	NL																																
Acetone	50																											**2.5**	K				
Bromoform	50																																
Bromomethane	5																																
Carbon Disulfide	NL													**0.4**	JQM																		
Chlorobenzene	5																																
Chloroform	7													**0.4**	JQM			**0.3**	JQM														
cis-1,2-Dichloroethene	5																																
Ethylbenzene	5																																
Methyl tert-butyl ether	NL							**0.5**	JQM	**0.9**	JQM					**1.6**		**2.0**															
Methylene Chloride	5											**0.4**	JQM																				
Tetrachloroethene	5					**0.2**	JQM																										
Toluene	5																																
Trichloroethene	5																																
Xylene (Total)	5																																
Total VOCs		**1.4**		**5.7**		**1.9**		**0.5**		**0.9**		**0.7**		**0.8**		**1.6**		**2.3**		0.0		**0.4**		0.0		0.0		2.5		**14.0**		**4.0**		0.0	
SVOC ppb or µg/L																																	
Benzo(g,h,i)perylene	5															**11**	J									NA							
bis(2-Ethylhexyl)phthalate	50													**37**												NA				**21.0**		**1.0**	J		
Butylbenzyl phthalate	50													**0.9**	J											NA							
Di-n-butyl phthalate	50																									NA							
Di-n-octyl Phthalate	50																					**10**	R			NA							
Fluoranthene	50																									NA							
Indeno(1,2,3-cd)pyrene	0.002															**11**	J									NA							
Phenol	1			**0.8**	J																					NA							
Total SVOCs		**0**		**0.8**		**0**		**0**		**0**		**0**		**37.9**		**22**		**0**		**0**		**10**		**0**						**21.0**		**1**		**0**	
Metals ppb or µg/L																																	
Aluminum	NL	**70.7**		**883**	B	**141**	B	**11**	B	**16.5**	B	**115**	B	**30.3**	B	**306**		**931**		**392**						NA				**236**	E	**319**		**4,360**	
Antimony	3			**4.3**	B			**2.2**	B																	NA				**3.3**	B			**12.6**	B
Arsenic	25													**5.7**	B											NA				**3.5**	B			ND	
Barium	1,000	**23.2**	B	**38.1**	B	**27.9**	B	**35.1**	B	**19.6**	B	**26.2**	B	**19.1**	B	**139**	B	**24**	B	**21.4**	B	**18**		**18**		NA				**48.7**	B	**71.5**	B	**91**	B
Beryllium	3											**0.29**	B	**1.2**	B											NA						**0.48**	B
Cadmium	5							**1**	B																	NA				**0.7**	B	**0.19**	B	**0.39**	B
Chromium	50					**0.8**	B	**1.7**	B	**2.6**	B	**9.8**	B	**0.68**	B	**3**	B	**5.6**	B	**11.8**						NA				**9.6**	B	**2.7**	B	**18**	B
Cobalt	NL					**3.2**	B											**1.3**	B	**0.82**	B					NA				**2.5**	B	**1.2**	B	**9.3**	B
Copper	200	**14.3**	B	**46.7**		**2.8**	B	**1**	B	**2**	B	**11.6**	B	**9.1**	B	**6.4**	B	**9.1**	B	**9.5**	B					NA				**16.8**	B	ND		**33.8**	
Iron	300			**697**		**798**	J	**1990**		**214**		**1270**		**1920**		**8980**		**9600**		**12600**		**7100**		**7100**		NA				**30,000**	E	**12,500**		**110,000**	
Lead	25			**3.1**												**2.4**	B	**3.1**		**2.7**	B					NA				**3.2**	B	**0.95**	B	**17.3**	
Manganese	300	**4.4**	B	**11.7**	B	**1330**		**22.3**		**2.6**	B	**14.2**	B	**13.2**	B	**53.5**		**97.4**		**79**		**48**		**48**		NA				**226**	E	**126**		**585**	
Mercury	2																									NA								**0.066**	B
Nickel	NL			**1.2**	B	**3**	B			**3.3**	B	**9.6**	B	**2.5**	B			**5**	B	**9**	B					NA				**13.9**	B	**4.8**	B	**19.8**	B
Selenium	10					**3.5**	B									**4.7**	J									NA								***29.5***	***B***
Silver	50					**0.4**	B							**1.8**	B											NA									
Thallium	0.5					**2.7**	B	**5.3**	B																	NA								**18.5**	B
Vanadium	NL			**1.1**	B									**2.1**	B			**1.9**	B	**1.1**	B					NA				**1.3**	B	**0.85**	B	**9.3**	B
Zinc	300									**4.4**	B	**70.6**								**31**		**18**		**18**		NA				**55**		**87**		**234**	
Total Metals		**112.6**		**1686.2**		**2313.3**		**2069.6**		**265**		**1527.29**		**2005.68**		**9495**		**10678.4**		**13158.3**		**7184**		**7184**						**30,621**		**13,114**		**115439**	

NOTES:

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1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	4/19/94		9/8/94		12/5/94		3/10/95		9/29/95		12/5/95		7/11/96		10/21/96		1/16/97		5/29/97		7/16/97		10/8/97		1/15/98		4/9/98		7/16/98	
VOC ppb or µg/L																															
1,1,1-Trichloroethane	5	**6.0**		**4.0**		**3.0**		**1.0**		**15.0**		**4.0**		**3.1**		**0.4**	JQM			**0.8**	J	**1.0**		**3.7**							
1,1-Dichloroethane	5	**2.0**		**2.0**				**1.0**		**9.0**		**2.0**		**3.6**		**0.2**	JQM	**0.2**	JQM	**3.0**		**1.8**		**2.0**		**1.1**				**2.8**	
1,2,4-Trimethylbenzene	5																													**2.1**	
1,2-Dibromo-3-Chloropropane	0.04	**2.0**																													
1,2-Dichlorobenzene	3																														
1,3,5-Trimethylbenzene	5																													**0.6**	
2-Butanone	NL													**0.4**	JQM	**0.6**	JQM														
Acetone	50																							**0.7**	JQM						
Bromodichloromethane	50																														
Carbon Disulfide	NL									**1.0**	B			**0.2**	JQM																
Chloroethane	5																													**0.5**	
Chloroform	7																														
Chloromethane	NL																														
cis-1,2-Dichloroethene	5																														
Isopropylbenzene	5																														
Methyl tert-butyl ether	NL																													**0.8**	J
Methylene Chloride	5																														
n-propylbenzene	5																													**0.6**	
Tetrachloroethene	5									**0.6**	B			**0.3**	JQM																
Toluene	5																									**1.2**					
Trichloroethene	5	**1.0**												**0.8**	JQM	**1.4**		**0.8**	J												
Vinyl Acetate	NL					**9.0**																									
Total VOCs		**11.0**		**6.0**		**12.0**		**2.0**		**25.6**		**6.0**		**8.4**		**2.6**		**1.0**		**3.8**		**2.8**		**6.4**		**2.3**		0.0		**7.4**	
SVOC ppb or µg/L																															
Benzo(g,h,i)perylene	5																														
bis(2-Ethylhexyl)phthalate	50																														
Di-n-octyl phthalate																															
Indeno(1,2,3-cd)pyrene	0.002																														
Phenol	1																														
Total SVOCs		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0	
Metals ppb or µg/L																															
Aluminum	NL			**75**		**121**		**820**		**113**		**1740**				**254**		**73.2**	B	**28.2**	B	**289**		**164**		**384**		**15.4**	B		
Antimony	3																					**2.3**	B			**3.1**	B				
Arsenic	25																			**2.8**	B										
Barium	1,000													**26.8**	B	**19.8**	B	**8.2**	B	**13.4**	B	**28.7**	B	**23.9**	B	**17.8**	B	**8.2**	B	**14.4**	B
Beryllium	3																														
Cadmium	5																							**0.4**	B						
Chromium	50									**437**		**19**		**3.9**	B	**3.1**	B					**2.9**	B	**0.8**	B	**1.7**	B	**1.5**	B		
Cobalt	NL															**2**	B					**1.7**	B	**2.1**	B						
Copper	200													**1.6**	B	**5.5**	B							**3.1**	B	**1.6**	B	**7.9**	B		
Iron	300			**233**		**717**		**1740**		**2140**		**4900**		**1140**		**707**	EJ	**36.5**	B	**418**		**1130**		**403**		**524**		**455**		**430**	
Lead	25	**2**		**1**		**3**		**6**				**16**				**3.9**						**2.7**	B			**2.8**	B			**3.4**	
Manganese	300	**280**		**11**		**26**		**171**		**456**		**1910**		**187**		**60**	J	**12.8**	B	**9.8**	B	**53.6**		**44.7**		**121**		**20.6**		**9.4**	B
Mercury	2																														
Nickel	NL											**22**		**3.7**	B	**3.1**	B					**2.7**	B			**1.1**	B				
Selenium	10																														
Silver	50																														
Thallium	0.5																														
Vanadium	NL													**1.2**	B											**1**	B				
Zinc	300	**4850**		**10**		**35**						**348**						**42.9**	J	**52**		**87.7**				**32.7**	J	**184**	J	**116**	
Total Metals		**5132**		**330**		**902**		**2737**		**3146**		**8955**		**1364.2**		**1058.4**		**173.6**		**524.2**		**1601.3**		**642**		**1090.8**		**692.6**		**573.2**	

NOTES:

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1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/10/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5	**5.4**				**1.3**						**0.6**	JQM			**1.0**		**0.3**	JQM			**0.3**	JQM											
1,1-Dichloroethane	5	**7.7**				**0.6**	JQM					**0.8**	JQM			**3.5**		**0.4**	JQM			**1.1**											
1,2,4-Trimethylbenzene	5																																
1,2-Dibromo-3-Chloropropane	0.04																																
1,2-Dichlorobenzene	3																															**1.0**	**J**
1,3,5-Trimethylbenzene	5																																
2-Butanone	NL																																
Acetone	50							**0.9**	JQM	**1.0**	JQM	**0.7**	JQM			**1.0**		**1.4**								**2.1**		**2.1**	K					
Bromodichloromethane	50	**2.3**																															
Carbon Disulfide	NL	**1.4**		**2.5**		**0.2**	JQM																										
Chloroethane	5																																
Chloroform	7	**3.3**				**0.4**	JQM									**0.4**	JQM																
Chloromethane	NL											**0.2**	JQM																				
cis-1,2-Dichloroethene	5	**1.4**																															
Isopropylbenzene	5									**10.0**	**J**																						
Methyl tert-butyl ether	NL	**0.9**		**2.4**																													
Methylene Chloride	5											**0.5**	JQM																				
n-propylbenzene	5																																
Tetrachloroethene	5																																
Toluene	5																																
Trichloroethene	5																																
Vinyl Acetate	NL																																
Total VOCs		**22.4**		**4.9**		**2.5**		**0.9**		**11.0**		**2.8**		0.0		**5.9**		**2.1**		0.0		**1.4**		0.0		2.1		2.1		0.0		0.0		**1.0**	
SVOC ppb or µg/L																																	
Benzo(g,h,i)perylene	5															**10**	**J**																
bis(2-Ethylhexyl)phthalate	50			**1**	**J**	**3**	**J**					**4**	**J**																	**2**	**J**	**2**	**J**		
Di-n-octyl phthalate																						**10**	**R**										
Indeno(1,2,3-cd)pyrene	0.002															**10**	**J**																
Phenol	1							**2**	**J**																								
Total SVOCs		0		**1**		**3**		**2**		0		**4**		0		**20**		0		0		**10**		0						**2**		**2**		0	
Metals ppb or µg/L																																	
Aluminum	NL	**80**	**B**	**302**				**12.1**	**B**			**128**	**B**	**79.5**	**B**	**145**		**303**		**62.8**	**B**	**262**								**1,930**	**E**	**6,060**		**3,440**	
Antimony	3			**3.9**	**B**																									**2.2**	**B**	ND		**8.9**	**B**
Arsenic	25																													**2.6**	**B**	**4.4**	**B**	ND	
Barium	1,000	**15.5**	**B**	**29.5**	**B**	**16.6**	**B**	**24.4**	**B**	**22**	**B**	**23.6**	**B**	**19.5**	**B**	**127**	**B**	**21.3**	**B**	**19.6**	**B**	**20.3**	**B**	**16**						**28.2**	**B**	**63.2**	**B**	**78.9**	**B**
Beryllium	3											**0.34**	**B**	**1.3**	**B**															ND		**0.27**	**B**	**0.3**	**B**
Cadmium	5							**1.8**	**B**																					**4.1**	**B**	**3.2**	**B**	**3.9**	**B**
Chromium	50			**3.3**	**B**	**0.8**	**B**	**1**	**B**			**4.6**	**B**	**0.8**	**B**	**1.6**	**B**	**4.3**	**B**											**12.1**	**B**	**16.9**	**B**	**12.6**	**B**
Cobalt	NL			**3.3**	**B**	**1.2**	**B**																							**2.4**	**BE**	**3.7**	**B**	**4.4**	**B**
Copper	200	**36.1**	**J**	**39.9**		**1**	**B**					**11.5**	**B**	**7.8**	**B**			**4.4**	**B**			**2.3**	**B**							**43.0**		**35.6**		**37**	
Iron	300			**11300**		**240**				**420**		**364**		**457**		**416**		**1700**		**514**		**1290**								**28,100**	**NE**	**25,100**		**40,400**	
Lead	25	**3**	**B**	**2.6**	**B**	**1.7**	**BJ**	**1.5**	**B**			**6**	**J**	**3.4**				**5.7**				**3**	**B**							**135**		**128**		**197**	
Manganese	300	**9.6**	**B**	**360**		**6.2**	**B**	**7.6**	**B**			**9.7**	**B**	**19.3**		**76.7**		**239**		**29.4**		**62.3**		**5.3**						**221**	**E**	**715**		**1080**	
Mercury	2									**0.2**	**QH**																			ND		ND		**0.055**	**B**
Nickel	NL			**3.6**				**1.3**	**B**			**6.5**	**B**	**2.3**	**B**			**3.1**	**B**	**3**	**B**									**13.6**	**B**	**14**	**B**	**10.9**	**B**
Selenium	10																													**5.1**	**B**	ND		**14.5**	**B**
Silver	50					**0.8**	**B**							**1.7**	**BJ**															ND		ND		ND	
Thallium	0.5					**3.1**	**B**																							**1.2**	**B**	ND		**2.5**	**B**
Vanadium	NL			**2.2**	**B**	**0.6**	**B**							**2.3**	**B**			**1.2**	**B**											**11.1**	**B**	**18.8**	**B**	**14.6**	**B**
Zinc	300									**50**	**QB**	**53.3**				**16**	**B**	**54.1**		**18.5**	**B**	**60.3**		**41**						**4,620**	**E**	**2,720**		**3,360**	
Total Metals		**144.2**		**12050.3**		**272**		**49.7**		**492.2**		**607.54**		**594.9**		**782.3**		**2336.1**		**647.3**		**1700.2**		**62.3**						**35131.6**		**34883.07**		**48665.555**	

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-3
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/5/94	3/10/95	9/29/95	12/5/95	7/11/96	10/21/96	1/16/97	5/29/97	7/16/97	10/8/97	1/15/98	4/9/98	7/16/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5	**2.0**	**1.0**	**6.0**	**1.0**	**1.0**		**1.9**		**0.3** J	**0.7** J		**0.4** JQM		**0.3** JQM	
1,1,2-Trichloroethane	1															
1,1-Dichloroethane	5	**9.0**	**18.0**	**62.0**	**17.0**	**62.0**	**27.0**	**29.0**	**1.1**	**2.0**	**1.0**	**1.5**	**2.7**		**0.3** JQM	
1,1-Dichloroethene	5			**0.5**				**0.3** JQM		**0.3** J						
1,2,4-Trimethylbenzene	5															**2.3**
1,3,5-Trimethylbenzene	5															**0.6**
1,4-Dichlorobenzene	5					**0.7**	**1.0** B									
2-Butanone	NL							**0.5** JQM	**0.7** JQM							
Acetone	50												**1.4**			**2.2** J
Carbon Disulfide	NL					**0.6** B										
Chloroethane	5		**5.0**	**13.0**	**11.0**	**69.0**	**4.0**	**0.4** JQM								
Chloroform	7															
cis-1,2-Dichloroethene	5					**2.0**					**0.3** J					
Ethylbenzene	5										**0.6** J					
Isopropylbenzene	5		**2.0**			**3.0**										
Methyl tert-butyl ether	NL															**8.6** J
Methylene Chloride	5															
n-butylbenzene	5					**1.0**										
n-propylbenzene	5					**4.0**										**0.6**
Naphthalene	10							**0.3** JQM								
sec-butylbenzene	5		**3.0**	**2.0**		**2.0**	**1.0**	**0.4** JQM	**0.3** JQM				**0.6** JQM			
Tetrachloroethene	5			**0.6**	**0.6**			**0.5** JQM	**0.3** JQM	**0.2** J	**0.4** J					
Toluene	5															**0.8**
Trichloroethene	5			**0.8**	**0.6**	**1.0**	**0.5**	**2.8**	**3.4**			**0.6**	**0.5** JQM		**0.5** JQM	
Vinyl Chloride	2															
Xylene (Total)	5										**3.0**					**0.5**
Total VOCs		**11.0**	**29.0**	**84.9**	**30.2**	**146.3**	**33.5**	**36.1**	**5.8**	**2.8**	**6.0**	**2.1**	**5.6**	**0.0**	1.1	**15.6**
SVOC ppb or µg/L																
Benzo(g,h,i)perylene	5															
bis(2-Ethylhexyl)phthalate	50															
Diethylphthalate	50															**0.7** J
Di-n-butyl phthalate	50															**0.7** J
Di-n-octyl phthalate	50															
Indeno(1,2,3-cd)pyrene	0.002															
Total SVOCs		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.4
Metals ppb or µg/L																
Aluminum	NL			**8430**	**13700**	**1790**	**1430**		**R** **509**	**28.9** B	**61.6** B	**262**	**362**		**2290**	**57.7** B
Antimony	3											**3** B				
Arsenic	25									**4.6** B	**2.1** B				**5** B	
Barium	1,000							**34.6** B	**34.2** B	**36.5** B	**32.7** B	**42.4** B	**44.6** B		**55.2** B	**44.8** B
Beryllium	3														**0.11** B	
Cadmium	5							**3** B	**1** B				**0.5** B			
Chromium	50			**55**	**34**				**7.4** B			**2.2** B	**4.4** B		**23.2**	
Cobalt	NL							**11.7** B	**4.2** B	**9.2** B	**5.8** B	**7.8** B	**4.9** B		**6.5** B	
Copper	200		**4**	**42**	**72**			**2.4** B	**6.9** B		**3.9** B	**2.7** B	**17.5** B		**23.1**	
Iron	300		**310**	**1400**	**2020**	**1480**	**1930**	**1390**	**4670** EJ	**7620**	**1140**	**1400**	**16300**		**31700**	**14300**
Lead	25	**1**		**27**	**32**	**0.6**	**2**		**2** B							
Manganese	300	**145**	**524**	**941**	**1130**	**948**	**960**	**1340**	**382** J	**513**	**393**	**357**	**249**		**809**	**656**
Mercury	2				**0.2**								**0.2** B			
Nickel	NL			**54**	**33**			**2.4** B	**7.4** B			**3.4** B	**5** B		**16** B	
Selenium	10															
Silver	50														**1** B	
Thallium	0.5							**56** B	**2.9** B			**3.6** B				
Vanadium	NL								**1.3** B						**5.9** B	
Zinc	300	**7**		**66**	**101**					**6** JB		**10.5** B				**6.9** B
Total Metals		**153**	**838**	**11015**	**17122.2**	**4218.6**	**4322**	**2840.1**	**5628.3**	**8218.2**	**1639.1**	**2094.6**	**16988.1**	**0**	**34935.01**	**15065.4**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-3
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/10/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																			
1,1,1-Trichloroethane	5			**5.0**										**0.7**	JQM							**0.6**	JQM	**0.6**											
1,1,2-Trichloroethane	1																																		
1,1-Dichloroethane	5			**4.0**		**1.1**						**1.6**		**14.0**		**5.0**		**0.4**	JQM			**8.1**		**10.0**											
1,1-Dichloroethene	5																																		
1,2,4-Trimethylbenzene	5																																		
1,3,5-Trimethylbenzene	5																																		
1,4-Dichlorobenzene	5																																		
2-Butanone	NL																																		
Acetone	50					**1.1**		**1.1**				**1.2**				**1.4**		**3.1**				**0.9**	JQM					**4.9**	K						
Carbon Disulfide	NL																																		
Chloroethane	5	**0.8**										**1.6**		**33.0**		**20.0**																			
Chloroform	7			**0.7**		**0.3**	JQM																												
cis-1,2-Dichloroethene	5													**0.3**	JQM																			**8.0**	
Ethylbenzene	5																																		
Isopropylbenzene	5																																		
Methyl tert-butyl ether	NL	**1.5**																																	
Methylene Chloride	5											**0.6**	JQM																						
n-butylbenzene	5																																		
n-propylbenzene	5																																		
Naphthalene	10																																		
sec-butylbenzene	5					**0.2**	JQM																												
Tetrachloroethene	5													**0.4**	JQM			**0.3**	JQM			**0.5**	JQM	**2.4**											
Toluene	5																																		
Trichloroethene	5					**0.4**	JQM	**0.3**	JQM	**0.3**	JQM	**0.3**	JQM			**0.3**	JQM					**0.8**	JQM	**0.9**											
Vinyl Chloride	2															**0.5**	JQM																	**8.0**	
Xylene (Total)	5																																		
Total VOCs		**2.3**		**9.7**		**3.1**		**1.4**		**0.3**		**5.3**		48.4		**27.2**		**3.8**		0.0		**10.9**		13.9		0.0		4.9		0.0		0.0		**16.0**	
SVOC ppb or µg/L																																			
Benzo(g,h,i)perylene	5															**11**	J																		
bis(2-Ethylhexyl)phthalate	50					**1000**	D					**2**	J											**6.4**						**2**	J	**2**	J	**1**	J
Diethylphthalate	50																																		
Di-n-butyl phthalate	50																																		
Di-n-octyl phthalate	50																					**10**	R												
Indeno(1,2,3-cd)pyrene	0.002															**11**	J																		
Total SVOCs		0		**0**		**1000**		**0**		0		**2**		0		**22**		0		0		**10**		6.4						**2**		**2**		1	
Metals ppb or µg/L																																			
Aluminum	NL	**818**		**81.1**	B	**226**		**86.3**	B	**740**		**579**	J	**868**		**2510**		**848**		**2220**		**141**	B							**886**	E	**1,860**		**1860**	
Antimony	3																													**2.3**	B			**8.6**	B
Arsenic	25											**4.8**	B	**11**				**4.1**	B											**2.2**	B	**3**	B		
Barium	1,000	**44.1**	B	**17.5**	B	**29.2**	B	**24.7**	B	**26**		**29**	B	**29.5**	B	**98.9**	B	**22.9**	B	**35.9**	B	**14.9**	B	**18**						**72.7**	B	**49.8**	B	**56.9**	B
Beryllium	3											**0.47**	B	**1.4**	B					**0.12**	B													**0.16**	B
Cadmium	5							**2**	B							**2.4**	B	**0.55**	B	**2.1**	B									**1.6**	B	**1**	B	**1.3**	B
Chromium	50	**15.4**		**1.8**	B	**2**	B	**2.2**	B			**12.4**		**15.2**		**20.8**		**6.4**	B	**38**										**15.4**	B	**10.6**	B	**12.6**	B
Cobalt	NL	**2.2**	B			**3**	B					**1.7**	B	**1.6**	B	**2.2**	B	**2**	B	**2.8**	B									**3.6**	B	**2.2**	B	**4.4**	B
Copper	200	**24.5**	B	**12**	B	**30.6**		**1.2**	B			**37**	J	**25.2**	J	**27.4**		**6.4**	B	**23.3**	B									**29.8**	B	**21.6**	B	**27.1**	B
Iron	300	**25700**				**16800**	J	**5500**		**19000**		**14200**		**21600**		**27300**		**9380**		**20000**		**210**		**1100**						**26,700**	E	**20,400**		**46,400**	
Lead	25	**2.6**	B	**1.2**	B	**3.1**	J					**11.7**	J	**7.5**		**12.3**				**9.9**										**6.8**	B	**4.3**	B	**9.5**	B
Manganese	300	**263**		**8.2**	B	**405**		**269**		**170**		**307**		**252**		**328**		**495**		**493**		**72.6**		**400**						**399**	E	**502**		**910**	
Mercury	2									**0.2**	QH																								
Nickel	NL	**12.1**	B	**1.4**	B	**2.6**	B	**1.6**	B			**53.5**		**10.1**	B	**12.5**	B	**4.2**	B	**27.1**	B									**18.5**	B	**8.5**	B	**12.3**	B
Selenium	10															**4.7**	J																	**15.2**	B
Silver	50					**1**	B							**2.4**	BJ															**1.6**	B				
Thallium	0.5					**3.4**	B	**5.9**	B																									**4.7**	B
Vanadium	NL	**2.5**	B	**1.1**	B							**1.9**	B	**5.6**	B	**6.4**	B	**2**	B	**5.9**	B									**3.5**	B	**5.2**	B	**4.6**	B
Zinc	300									**22**	QB	**114**				**47.6**		**14**	B	**39.9**										**66**		**53**		**59.8**	
Total Metals		**26884.4**		**124.3**		**17505.9**		**5892.9**		**19958.2**		**15352.47**		**22829.5**		**30373.2**		**10785.55**		**22898.02**		**438.5**		**1518**						**28209.1**		**22920.8**		**49387.16**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/5/94	3/10/95	9/29/95	12/5/95	7/11/96	10/21/96	1/16/97	5/29/97	7/16/97	10/8/97	1/15/98	4/9/98	7/16/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5	**0.7**			**3.0**											
1,1,2-Trichloroethane	1				**4.0**											
1,1-Dichloroethane	5	**3.0**														
2-Butanone	NL							**0.2** JQM								
4-Chloro-3-Methylphenol	NL															
Acetone	50	**96.0**											**0.8** JQM			
Carbon Disulfide	NL					**0.5** B										
Chloroethane	5	**2.0**														
Ethylbenzene	5									**0.3** J						
Methyl tert-butyl ether	NL															**1.8** J
Trichloroethene	5	**0.5**			**1.0**			**1.5**	**2.3**							
Trichlorofluoromethane	5							**3.6**								
Xylene (Total)	5									**2.0**						
Total VOCs		**102.2**	0.0	0.0	**8.0**	**0.5**	0.0	**5.3**	**2.3**	**2.3**	0.0	0.0	**0.8**	0.0	0.0	**1.8**
SVOC ppb or µg/L																
Benzo(k)fluoranthene	0.002															
bis(2-Ethylhexyl)phthalate	50										**56**	**4** J				
Diethylphthalate	50															**0.6** J
Di-n-butyl phthalate	50							**2** J								**0.8** J
Di-n-octyl phthalate	50															
Phenol	1															
Total SVOCs		0	0	0	0	0	0	2	0	0	56	4	0	0	0	1.4
Metals ppb or µg/L																
Aluminum	NL			**139**	**282**	**179**	**139**		**288**	**68.2** B	**154** B	**268**	**120** B	**477** J		**167** B
Antimony	3											**4.4** B				
Arsenic	25									**5.8** B						**1.3** BJ
Barium	1,000							**22.9** B	**15.1** B	**15.8** B	**14.6** B	**22.3** B	**25.1** B	**15** B	**12** B	**15.1** B
Beryllium	3															
Cadmium	5												**0.7** B		**0.31** B	
Chromium	50							**3** B	**4.3** B		**6.4** B	**5.4** B	**1.2** B	**2.5** B	**1.7** B	
Cobalt	NL							**1.1** B	**1.4** B			**2.8** B	**2.7** B	**1.6** B		
Copper	200		**4**	**5**				**4.4** B	**5.8** B	**2.4** B	**4.7** B	**4.2** B	**14.9** B	**4.5** B	**6.1** B	
Iron	300	**33**	**1430**	**8150**	**6100**	**4330**	**2590**	**3890**	**4710** EJ	**93.9** B	**1060**	**3100**	**1160**	**1780**	**909**	**2500**
Lead	25		**2**	**5**	**12**	**40**	**4**				**2.5** B			**1.2** B		
Manganese	300	**1220**	**111**	**137**	**72**	**50**	**54**	**43.3**	**90.5** J	**6.6** B	**31.5**	**49.5**	**37.2**	**27.5**	**14.6** B	**53.5**
Mercury	2															
Nickel	NL							**2.4** B	**3.3** B			**5.1** B	**2.2** B	**2.4** B	**2.3** B	
Selenium	10															
Silver	50															
Thallium	0.5															
Vanadium	NL													**1.2** B		
Zinc	300	**13**	**14**	**13**						**3.6** JB	**12.1** B	**8.1** B		**12.5** B		**12.2** B
Total Metals		**1266**	**1561**	**8449**	**6466**	**4599**	**2787**	**3967.1**	**5118.4**	**196.3**	**1285.8**	**3469.8**	**1364**	**2325.4**	**946.01**	**2749.1**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-4
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/9/2004	6/25/2005	2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5																																
1,1,2-Trichloroethane	1																																
1,1-Dichloroethane	5			**0.8**																													
2-Butanone	NL																																
4-Chloro-3-Methylphenol	NL															**10.0**	**J**																
Acetone	50							**0.6**	JQM	**1.0**	JQM					**1.6**		**2.3**				**0.8**		JQM	**2.5**								
Carbon Disulfide	NL			**1.2**								**0.6**	JQM																				
Chloroethane	5																																
Ethylbenzene	5																																
Methyl tert-butyl ether	NL																																
Trichloroethene	5																																
Trichlorofluoromethane	5																																
Xylene (Total)	5																																
Total VOCs		0.0		**2.0**		0.0		**0.6**		**1.0**		**0.6**		0.0		**11.6**		**2.3**		0.0		**0.8**		**2.5**		**0.0**		0.0		0.0		0.0	
SVOC ppb or µg/L																																	
Benzo(k)fluoranthene	0.002															**10**	**J**																
bis(2-Ethylhexyl)phthalate	50																																
Diethylphthalate	50																																
Di-n-butyl phthalate	50																																
Di-n-octyl phthalate	50															**10**	**J**																
Phenol	1			**2**	**J**																												
Total SVOCs		0		**2**		**0**		**0**		0		**0**		0		**20**		0		0		**0**		0				0		0		0	
Metals ppb or µg/L																																	
Aluminum	NL	**68.8**	**B**	**134**	**B**			**130**	**B**	**102**	**B**	**177**	**B**	**70.9**	**BJ**	**297**		**164**		**179**		**299**						**139**	**BE**	**114**	**B**	**876**	
Antimony	3			**3.6**	**B**							**6.6**	**B**															**4.7**	B	**2.5**	**B**	**11.2**	**B**
Arsenic	25					**3.4**	**B**	**2.9**	**B**					**6.1**	**BJ**	**6.4**	**B**	**3.3**	**B**									ND		ND		ND	
Barium	1,000	**22.8**	**B**	**9.1**	**B**	**19**	**B**	**16.7**	**B**	**31.2**	**B**	**28.8**	**B**	**24.6**	**B**	**111**	**J**	**27.4**	**B**	**24.8**	**B**	**14.4**	**B**	**20**				**31.8**	**B**	**26**	**B**	**64**	**B**
Beryllium	3									**0.1**	**B**	**0.41**	**B**															ND		ND		ND	
Cadmium	5							**1.7**	**B**																			**0.5**	**B**	ND		ND	
Chromium	50			**1.6**	**B**	**3**	**B**	**2.7**	**B**	**2.1**	**B**	**5**	**B**	**1.4**	**B**	**3.3**	**B**	**1.4**	**B**	**5**	**B**							**2.4**	**B**	**2.3**	**B**	**5.7**	**B**
Cobalt	NL					**0.8**	**B**																					**2.1**	**B**	**0.79**	**B**	**3.2**	**B**
Copper	200	**22**	**B**	**19.2**	**B**	**1.6**	**B**	**2.7**	**B**	**3.7**	**B**	**12.7**	**B**	**309**		**3.2**	**B**	**3**	**B**	**2.6**	**B**	**1.7**	**B**					ND		ND		ND	
Iron	300	**3150**		**750**		**1250**		**2490**		**726**		**1620**				**2600**		**1660**		**1260**		**928**		**1000**				**47,800**	E	**23,800**		**78,200**	
Lead	25															**2.7**	**B**											**1.5**	**B**	ND		**4.5**	**B**
Manganese	300	**104**		**9.6**	**B**	**14.4**	**B**	**18.9**		**7.7**	**B**	**36.5**		**5.5**	**B**	**32.4**		**14**	**B**	**17.7**		**12.8**		**22**				**544**	E	**210**		**686**	
Mercury	2																											ND		ND		ND	
Nickel	NL	**2.5**	**B**	**1.5**	**B**	**1.9**	**B**	**1.3**	**B**	**3.1**	**B**	**6.4**	**B**	**4.6**	**B**	**3.9**	**B**			**4.3**	**B**							**6.6**	**B**	**2.1**	**B**	**5.3**	**B**
Selenium	10																											**3.5**	**B**	ND		**14.1**	**B**
Silver	50													**1.6**	**B**													ND		ND		ND	
Thallium	0.5					**4.7**	**B**	**3.9**	**B**																			ND		ND		**9.7**	**B**
Vanadium	NL			**1.7**	**B**			**1.1**	**B**	**1.1**	**B**	**1.6**	**B**	**2**	**B**					**1.2**	**B**							**2.1**	**B**	**2.5**	**B**	**5.1**	**B**
Zinc	300									**2.5**	**B**	**26**								**5.2**	**B**							**35**	**B**	**32**	**B**	**42.5**	**B**
Total Metals		**3370.1**		**930.3**		**1298.8**		**2671.9**		**879.5**		**1921.01**		**425.7**		**3059.9**		**1873.1**		**1499.8**		**1255.9**		**1042**				**48573.41**		**24192.59**		**79927.3**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	4/19/94		9/8/94		12/5/94		3/10/95		9/29/95		12/5/95		7/11/96		10/21/96		1/16/97		5/29/97		7/16/97		10/8/97		4/9/98		7/16/98	
VOC ppb or µg/L																													
1,1-Dichloroethane	5	**24.0**																											
2-Butanone	NL																												
2-Hexanone	50																												
4-Chloro-3-Methylphenol	NL																												
4-Methyl-2-Pentanone	NL																												
Acetone	50																							**0.8**	JQM			**2.4**	**J**
Bromodichloromethane	50																												
Bromoform	50																									**0.4**	JQM		
Carbon Disulfide	NL									**0.6**	**B**																		
Chloroethane	5	**15.0**																											
Methyl tert-butyl ether	NL																											**11.0**	**J**
Methylene Chloride	5																												
Toluene	5																												
Trichloroethene	5													**1.2**		**1.8**													
Total VOCs		**39.0**		0.0		0.0		0.0		**0.6**		0.0		**1.2**		**1.8**		0.0		0.0		0.0		**0.8**		**0.4**		**13.4**	
SVOC ppb or µg/L																													
bis(2-Ethylhexyl)phthalate	50																												
Diethylphthalate	50																											**0.7**	**J**
Di-n-butyl phthalate	50													**2**	**J**							**3**	**J**					**0.9**	**J**
Di-n-octyl phthalate	50																												
Phenol	1																									**2**	**J**	**1**	**J**
Total SVOCs		0		0		0		0		0		0		**2**		0		0		0		**3**		0		**2**		**2.6**	
Metals ppb or µg/L																													
Aluminum	NL																	**265**	**J**					**46.2**	**B**			**32**	**B**
Antimony	3																					**2.9**	**B**						
Arsenic	25																												
Barium	1,000													**17.1**	**B**	**15.5**	**B**	**11.2**	**B**	**10.4**	**B**	**15.6**	**B**	**15.9**	**B**	**7.2**	**B**	**9.5**	**B**
Beryllium	3																												
Cadmium	5																	**2.6**	**B**					**0.39**	**B**				
Chromium	50	**4**												**1.6**	**B**	**1.9**	**B**									**1.1**	**B**		
Cobalt	NL																							**2.7**	**B**				
Copper	200	**7**		**6**		**4**								**1.2**	**B**	**1.9**	**B**	**29.8**						**7.5**	**B**	**3**	**B**		
Iron	300	**14900**		**7880**		**3800**		**2390**		**1940**		**3120**				**555**	**EJ**	**2610**		**131**		**81.9**	**B**	**117**		**424**		**741**	
Lead	25	**2**		**17**		**2**				**16**								**5.1**										**2.8**	**B**
Manganese	300	**7810**		**1820**		**509**		**155**		**29**		**52**		**11.8**	**B**	**13.7**	**BE**	**53.7**		**7**	**B**	**16.9**		**14.7**	**B**	**12.6**	**B**	**12.2**	**B**
Mercury	2																							**0.1**	**B**				
Nickel	NL	**76**														**5.1**	**B**	**3.5**	**B**			**1.6**	**B**						
Selenium	10																												
Silver	50																												
Thallium	0.5																												
Vanadium	NL																	**1.3**	**B**									**4.2**	**B**
Zinc	300	**71**		**5**		**7**												**32.2**	**J**			**4.3**	**B**					**5.9**	**B**
Total Metals		**22870**		**9728**		**4322**		**2545**		**1985**		**3172**		**31.7**		**593.1**		**3014.4**		**148.4**		**123.2**		**204.49**		**447.9**		**807.6**	

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NA - Not Analyzed

MW-5
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/10/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1-Dichloroethane	5																																
2-Butanone	NL							**0.4**	JQM																								
2-Hexanone	50							**0.6**	JQM																								
4-Chloro-3-Methylphenol	NL															**10.0**	**J**																
4-Methyl-2-Pentanone	NL							**0.3**	JQM																								
Acetone	50							**3.3**		**1.0**	JQM																						
Bromodichloromethane	50															**0.8**	JQM	**2.3**				**0.7**	JQM										
Bromoform	50																																
Carbon Disulfide	NL			**0.5**		**0.7**	JQM																										
Chloroethane	5																																
Methyl tert-butyl ether	NL	**6.2**		**0.6**																													
Methylene Chloride	5							**0.2**	JQM																								
Toluene	5	**0.6**						**0.4**	JQM																								
Trichloroethene	5																																
Total VOCs		**6.8**		**1.1**		**0.7**		**5.2**		**1.0**		0.0		0.0		**10.8**		**2.3**		0.0		**0.7**		0.0		0.0		0.0		0.0		0.0	
SVOC ppb or µg/L																																	
bis(2-Ethylhexyl)phthalate	50																													**1**	**J**		
Diethylphthalate	50																																
Di-n-butyl phthalate	50							**1**	**J**																								
Di-n-octyl phthalate	50															**10**	**J**																
Phenol	1																																
Total SVOCs		0		0		0		**1**		0		0		0		**10**		0		0		0		0						0		**1**		0	
Metals ppb or µg/L																																	
Aluminum	NL	**527**	**B**	**27.4**	**B**					**122**	**B**	**236**	**J**	**84.3**	**B**			**188**	**B**	**48.1**	**B**	**22.4**								**284**	**E**	**1140**		**583**	
Antimony	3							**3.3**	**B**							**3.1**	**B**			**4.5**	**B**									**1.7**	**B**	**2**	**B**	**8.8**	**B**
Arsenic	25													**6.1**	**B**			**4**	**B**	**3.7**	**B**									**6.9**	**B**	**5.5**	**B**	**2**	**B**
Barium	1,000	**17.7**	**B**	**20.4**	**B**	**16.2**	**B**	**14.5**	**B**	**16.6**	**B**	**14.4**	**B**	**20**	**B**	**99**	**B**	**27.8**	**B**	**17.2**	**B**	**15.7**	**B**	**7.8**						**22.3**	**B**	**39.2**	**B**	**199**	**B**
Beryllium	3									**1**	**B**	**0.51**	**BJ**	**1.3**	**B**																	**0.16**	**B**
Cadmium	5							**17.8**				**0.68**	**BJ**																	**5.8**		**3.4**	**B**	**8.4**	
Chromium	50			**2.2**	**B**	**1**	**B**	**2.7**	**B**	**4.3**	**B**	**12.9**	**J**	**3.8**	**B**	**2**	**B**	**3.7**	**B**	**2.2**	**B**									**8.8**	**B**	**18.1**	**B**	**17.5**	**B**
Cobalt	NL			**1.1**	**B**	**1.2**	**B**	**3.4**	**B**			**0.71**	**B**	**2.7**	**B**															**2.3**	**BE**	**2.4**	**B**	**5**	**B**
Copper	200	**3.7**	**B**	**17.7**	**B**	**1.8**	**B**	**3.2**	**B**	**4.8**	**B**	**19.9**	**B**	**11.8**	**B**	**5**	**B**	**7.6**	**B**	**4.3**	**B**	**2.7**	**B**							**30.9**		**30**	**B**	**24.5**	**B**
Iron	300					**362**		**3910**		**5670**		**1600**	**J**	**2810**		**5720**		**10800**		**4110**		**1600**		**590**						**44,700**	NE	**23,400**		**61,000**	
Lead	25			**1.8**	**B**	**1.4**	**B**							**2.3**	**B**			**2.1**	**B**											**4.2**	**B**	**7.9**	**B**	**8.4**	**B**
Manganese	300	**605**		**133**		**44.4**		**51.6**		**49.6**		**27.9**		**28.3**		**50.9**		**103**		**46**		**47**		**21**						**291**	**E**	**551**		**548**	
Mercury	2																																
Nickel	NL	**1.7**	**B**	**1.9**	**B**			**2.2**	**B**	**4.2**	**B**	**12.6**	**B**	**3.5**	**B**	**3.3**	**B**			**2**	**B**									**13.4**	**B**	**12.8**	**B**	**13.7**	**B**
Selenium	10															**4.7**	**J**	**2.5**	**B**											**6.3**	**B**			**13.4**	**B**
Silver	50													**1.5**	**B**																		
Thallium	0.5			**3.1**	**B**	**2.9**	**B**																									**9.4**	**B**
Vanadium	NL									**1.4**	**B**			**3**	**B**			**1.5**	**B**	**1.5**	**B**									**4.3**	**B**	**7.3**	**B**	**8.1**	**B**
Zinc	300									**4**	**B**	**36.2**						**3.3**	**B**	**3.6**	**B**									**44**	**BE**	**40**	**B**	**40.6**	**B**
Total Metals		**1155.1**		**208.6**		**430.9**		**4008.7**		**5877.9**		**1961.8**		**2978.6**		**5888**		**11143.5**		**4243.1**		**1687.8**		**618.8**						**45426.2**		**25259.8**		**62489.96**	

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NA - Not Analyzed

Sample Date	NYSAGWQS[1]	4/19/94		9/8/94		12/5/94		3/10/95		9/29/95		12/5/95	7/11/96		10/21/96		1/16/97		5/29/97		7/16/97		10/8/97		1/15/98		4/9/98		7/16/98	
VOC ppb or µg/L																														
1,1,1-Trichloroethane	5	**2.0**																												
1,1-Dichloroethane	5	**6.0**						**6.0**					**0.4**	JQM																
1,2,4-Trichlorobenzene	5																						**0.8**	JQM						
1,2,4-Trimethylbenzene	5	**399.0**		**372.0**		**508.0**		**477.0**		**503.0**		**229.0**	**380.0**		**420.0**						**400.0**		**380.0**		**44.0**		**320.0**			
1,2-Dichlorobenzene	3	**18.0**		**23.0**		**21.0**		**14.0**		**26.0**			**20.0**		**16.0**				**40.0**		**17.0**		**20.0**		**9.6**		**8.5**			
1,3,5-Trimethylbenzene	5	**108.0**		**146.0**		**191.0**		**176.0**		**180.0**		**100.0**	**120.0**		**100.0**						**170.0**		**130.0**		**30.0**		**79.0**			
1,3-Dichlorobenzene	5	**13.0**		**21.0**		**20.0**		**17.0**		**19.0**		**20.0**	**21.0**		**22.0**		**21.0**	J	**43.0**	D	**15.0**		**21.0**		**16.0**		**17.0**			
1,4-Dichlorobenzene	5	**34.0**		**45.0**		**49.0**		**44.0**		**48.0**		**56.0**	**57.0**		**57.0**		**52.0**		**100.0**		**33.0**		**40.0**		**42.0**		**45.0**			
2-Butanone	NL												**0.5**	JQM	**0.7**	JQM														
4-Chlorotoluene	5																						**7.9**							
4-Isopropyltoluene	5	**7.0**				**7.0**				**10.0**			**5.0**		**5.5**						**5.5**				**5.6**					
Acetone	50	**617.0**																					**2.1**							
Benzene	1	**3.0**											**0.2**	JQM																
Carbon Disulfide	NL												**0.6**	JQM	**0.4**	JQM							**1.4**	JQM						
Chlorobenzene	5	**876.0**		**883.0**		**482.0**		**473.0**		**828.0**		**606.0**	**570.0**		**450.0**		**250.0**		**179.0**	D	**370.0**		**210.0**		**140.0**		**190.0**			
Chloromethane	NL																								**8.9**					
cis-1,2-Dichloroethene	5	**45.0**		**33.0**		**8.0**				**6.0**			**0.5**	JQM					**6.0**	JD	**2.3**		**1.5**	JQM	**1.0**		**0.8**	JQM		
Ethylbenzene	5	**529.0**		**501.0**		**417.0**		**416.0**		**736.0**		**412.0**	**530.0**		**410.0**		**400.0**		**276.0**	D	**440.0**		**320.0**		**270.0**		**310.0**			
Isopropylbenzene	5	**33.0**		**42.0**		**51.0**		**45.0**		**54.0**		**27.0**	**47.0**		**45.0**						**32.0**		**36.0**				**33.0**			
m,p-Xylene	NL	**2350.0**		**2210.0**		**1900.0**		**1600.0**		**3280.0**		**1920.0**	**2600.0**		**1500.0**								**1700.0**				**1100.0**			
Methyl tert-butyl ether	NL																												**0.7**	J
Methylene Chloride	5																				**1.1**		**9.0**							
n-butylbenzene	5							**12.0**		**17.0**			**9.0**																	
n-propylbenzene	5	**40.0**		**49.0**		**62.0**		**57.0**		**63.0**		**29.0**	**50.0**		**46.0**						**43.0**		**41.0**		**40.0**		**37.0**			
Naphthalene	10	**133.0**		**83.0**		**116.0**		**120.0**		**156.0**		**59.0**	**110.0**		**100.0**						**160.0**		**120.0**		**74.0**		**120.0**			
O-Xylene	NL	**92.0**		**98.0**		**33.0**		**6.0**					**1.7**		**1.7**	JQM							**1.2**	JQM			**1.2**	JQM		
sec-butylbenzene	5					**7.0**		**7.0**		**5.0**			**6.6**		**7.5**						**8.7**		**8.7**		**6.8**		**4.2**			
Styrene	5																								**5.1**					
tert-butylbenzene	5	**2.0**											**4.4**		**4.7**						**4.2**		**5.2**		**3.6**		**2.9**			
Tetrachloroethene	5																													
Toluene	5	**5.0**											**0.3**	JQM	**0.4**	JQM														
Trichloroethene	5												**0.8**	JQM	**2.4**															
Vinyl Chloride	2	**8.0**																												
Xylene (Total)	5																**1800.0**		**1400.0**	D	**2200.0**				**780.0**					
Total VOCs		**5320.0**		**4506.0**		**3872.0**		**3470.0**		**5931.0**		**3458.0**	**4535.0**		**3189.3**		**2523.0**		**2044.0**		**3901.8**		**3055.8**		**1476.6**		**2268.6**		**0.7**	
SVOC ppb or µg/L																														
1,3-Dichlorobenzene	5												**8**	J	**17**				**11**		**11**		**10**		**8**	J	**11**			
1,2-Dichlorobenzene	3												**6**	J	**12**		**23**		**11**		**13**		**11**		**4**	J	**4**	J		
1,4-Dichlorobenzene	4.7												**21**		**44**		**9**	J	**26**		**29**		**26**		**20**		**24**			
2,4-Dimethylphenol	50												**28**				**1**	J					**1**	J			**5**	J		
Acenaphthene	20																													
2-Methylnaphthalene	4.7												**6**	J	**20**		**46**		**13**		**22**		**24**		**8**	J	**11**			
4-Methylphenol	NL												**12**		**4**	J														
Benzo(a)anthracene	0.002																													
Benzo(a)pyrene	0.002																													
Benzo(b)fluoranthene	0.002																													
Benzo(g,h,i)perylene	5																													
Benzo(k)fluoranthene	0.002																													
bis(2-Ethylhexyl)phthalate	50																													
Butylbenzyl phthalate	50																													
Chrysene	0.002																													
Diethylphthalate	50																**8**	J											**1**	J
Di-n-butyl phthalate	50																				**6**	J								
Fluoranthene	50																													
Indeno(1,2,3-cd)pyrene	0.002																													
Naphthalene	10												**30**		**84**	J			**54**		**69**		**74**		**39**		**44**			
Pyrene	50																													
Total SVOCs		0		0		0		0		0		0	**111**		**181**		**87**		**115**		**150**		**146**		**79**		**99**		**1**	
Metals ppb or µg/L																														
Aluminum	NL			**81**													**63.7**	B			**20.2**	B	**41.1**	B	**19.8**	B			**29.7**	B
Antimony	3																				**2.1**	B					**5.3**	B	**35.6**	B
Arsenic	25																**7.7**	B	**4**	B							**6**	B	**2.9**	BJ
Barium	1,000												**21.4**	B	**18.6**	B	**16**	B	**15.6**	B	**14.2**	B	**21.4**	B	**22.6**	B	**10.1**	B	**7.5**	B
Beryllium	3																													
Cadmium	5																													
Chromium	50	**3**													**17.7**	J							**0.94**	B	**1.2**	B	**1.3**	B		
Cobalt	NL																**1.2**	B			**1.4**	B	**2.6**	B	**7**	B				
Copper	200	**10**		**6**											**2**	B			**2.7**	B			**6.4**	B	**1.9**	B	**8.4**	B	**7**	B
Iron	300	**9660**		**7150**		**5900**		**5440**		**9580**		**10500**	**9230**		**8940**	EJ	**6050**		**7120**		**9090**		**8180**		**8130**	J	**5940**		**2200**	
Lead	25			**2**															**1.7**	B									**0.98**	B
Manganese	300	**2810**		**1700**		**3420**		**3120**		**3170**		**1370**	**1880**		**892**	EJ	**377**		**444**		**513**		**495**		**312**		**260**		**100**	
Mercury	2																													
Nickel	NL	**23**		**12**				**12**		**16**			**1.2**	B	**22.8**	B					**1.1**	B			**5.5**	B	**5.3**	B		
Selenium	10																													
Silver	50																													
Thallium	0.5												**7.1**	B	**3.3**	B														
Vanadium	NL												**1.4**	B	**1.1**	B									**1.2**	B	**1.6**	B	**5.3**	B
Zinc	300	**111**		**968**		**47**		**73**		**101**		**223**					**313**		**70.3**		**39.9**				**352**				**1210**	
Total Metals		**12617**		**9919**		**9367**		**8645**		**12867**		**12093**	**11141.1**		**9897.5**		**6828.6**		**7658.3**		**9681.9**		**8747.44**		**8853.2**		**6238**		**3598.98**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/8/04		6/22/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5																																
1,1-Dichloroethane	5							0.2	JQM									0.7	JQM														
1,2,4-Trichlorobenzene	5							0.3	JQM									0.4															
1,2,4-Trimethylbenzene	5			12.0	J	16.0		95		27.0		52.0		15.0		32.0		90				27.0		8.2				8.8				6		11	
1,2-Dichlorobenzene	3					1.1	JQM	3.1		1.2		0.5	JQM	0.3	JQM	0.5	JQM	1.0				0.4	JQM					0.6							
1,3,5-Trimethylbenzene	5			3.9	J	3.6		26.0		8.9		12.0		2.3		3.1		13.0				1.0	JQM	1.1				3.7				3	J	5	
1,3-Dichlorobenzene	5							1.8		0.9	JQM	0.5	JQ	0.3	JQM	0.4	JQM	0.6	JQM			0.5	JQM					1.2						2	J
1,4-Dichlorobenzene	5					0.4		4.3		2.3		0.7	JQM			0.7	JQM	1.4				1.1		0.5				3.0				2	J	4	J
2-Butanone	NL							0.7	JQM	0.6	JQM	4.7						1.0	JQM			1.0	JQM					2.5	K						
4-Chlorotoluene	5																																
4-Isopropyltoluene	5			1.3	J			4.2		2.4		1.5		3.1		2.1		1.9				0.7	JQM										
Acetone	50	3.2	J			1.6	JQM					14.0						3.7				1.4		3.2				8.0					
Benzene	1																																
Carbon Disulfide	NL													0.4	JQM							0.2	JQM										
Chlorobenzene	5					2.3	JQM	53.0				0.5	JQM			0.5	JQM	8.4				1.3		5.6				10.0	L	1.0	J			2	J
Chloromethane	NL																																
cis-1,2-Dichloroethene	5							0.9	JQM																								
Ethylbenzene	5					5.8		42.0		12.0		4.5		13.0		2.7		13.0				5.2		5.7				5.1				2	J		
Isopropylbenzene	5			0.8	J	1.7	JQM	8.6		1.5		3.1		1.4		4.0						3.9		1.4				1.9				1	J
m,p-Xylene	NL					6.6		87.0		29.0		7.7				1.1		12.0				2.4		7.2				13.0				4	J
Methyl tert-butyl ether	NL			0.6	J																												
Methylene Chloride	5											0.5	JQM																				
n-butylbenzene	5	0.7	J	2.0	J			9.6						6.7		3.1						1.0	JQM										
n-propylbenzene	5	0.8	J	1.5	J	2.6		15.0		3.2		4.0		2.4		6.8		28.0				4.3		1.4				2.1					
Naphthalene	10			0.6	J	2.0	JQM	17.0		12.0		3.7		0.9	JQM	0.9	JQM	3.1				1.4		0.7				4.6				1	J		
O-Xylene	NL																																
sec-butylbenzene	5	0.9	J	1.4	J	4.1		6.0		2.7		1.4		4.6		4.4		6.2				0.9	JQM					0.8					
Styrene	5																																
tert-butylbenzene	5					1.1	JQM	2.5		0.8	JQM	0.5	JQM	1.3		1.6		3.8				0.4	JQM					0.6					
Tetrachloroethene	5					0.5	JQM	0.3	JQM			0.4	JQM	0.5	JQM	0.3	JQM									1.6							
Toluene	5											0.4	JQM																				
Trichloroethene	5							0.7	JQM																								
Vinyl Chloride	2																																
Xylene (Total)	5																											13.0				5		4	J
Total VOCs		5.6		24.1		49.4		378.2		104.5		112.6		52.2		64.2		188.2		0.0		54.1		35.0		1.6		78.9		1.0		24.0		33.0	
SVOC ppb or µg/L																																	
1,3-Dichlorobenzene	5																													1	J				
1,2-Dichlorobenzene	3																																
1,4-Dichlorobenzene	4.7																													2.0	J	1	J		
2,4-Dimethylphenol	50																													1.0	J				
Acenaphthene	20									0.2	J																						
2-Methylnaphthalene	4.7			0.6	J	2	J	6	J	2	J																						
4-Methylphenol	NL																																
Benzo(a)anthracene	0.002																															1	J
Benzo(a)pyrene	0.002																															2	J
Benzo(b)fluoranthene	0.002																													1	J	1	J	3	J
Benzo(g,h,i)perylene	5																													1	J			3	J
Benzo(k)fluoranthene	0.002																																1	J
bis(2-Ethylhexyl)phthalate	50			2	J											0.6	J													6	JB	4	J	6	J
Butylbenzyl phthalate	50			0.4	J																									5	J				
Chrysene	0.002																													1	J			2	J
Diethylphthalate	50									0.3	J																						
Di-n-butyl phthalate	50																																
Fluoranthene	50			0.3	J					0.2	J																			1.0	J			2	J
Indeno(1,2,3-cd)pyrene	0.002																																2	J
Naphthalene	10			0.3	J	2	J	14		9	J					0.6	J																
Pyrene	50																													1.0	J			1	J
Total SVOCs		0		3.6		4		20		11.7		0		0						0		0		0									
Metals ppb or µg/L																																	
Aluminum	NL	65.9	B	47.4	B					48.3	B	140	B	523	J							117	B							2,740	E	2790		8,920	
Antimony	3																													2.0	B	ND		6.2	B
Arsenic	25			11		7.5	B	8.4	B	15.1		5.9	BJ	27.8	J			3.6	B	5.1	B	14.8								8.1	B	5.8	B	12.1	B
Barium	1,000	5	B	10.1	B	19.9	B	21.7	B	28.6	B	27.8	B	180	B	154	B	67.1	B	22.4	B	9.5	B	15						44.2	B	52.4	B	86.7	B
Beryllium	3									0.2	B	0.74	B	0.52	B															0.2	B	0.45	B	1	B
Cadmium	5							7.2				1	BJ	7	J							4.1	B							3.3	B	1.4	B	2.6	B
Chromium	50			2.7	B	1.6	B	10.6		2.3	B	5.2	B	16.5		2.9	B			1.1	B									15.0	B	16.4	B	111	
Cobalt	NL			3.7	B	1.3	B	13.2	B	1.1	B	1.4	B	6	B	2.1	B	2.5	B	0.67	B	4.7	B							21.2	BE	10.8	B	22	B
Copper	200	28		18	B	0.8	B	11	B	3.5	B	23.3	B			7.7	B	1.8	B			13.3	B	12						70.4		45.8		135	
Iron	300			2320		3750		12300		3670		3390	J	22900	J	5470		13700		7380		7150		1600						17,700	NE	8,790		40,400	
Lead	25			1.6	B			2.5	B																					20.5		12.1		58.1	
Manganese	300	97.5		105		77.1		740		75.3		181		210		227		909		147		127		41						869	E	223		732	
Mercury	2													0.11	B															ND		ND		0.3	
Nickel	NL	3.3	B	4.7	B	1.4	B	12.8	B	4.5	B	7	B	7.8	B	3.3	B			1.7	B	6.8	B	6.4						21.1	B	9.6	B	24.8	B
Selenium	10																	2.9	J											5.9	B	ND		24.5	B
Silver	50					0.6	B																							ND		ND		ND	
Thallium	0.5			3.3	B	5.9	B																							6.4	B	1.8	B	7.9	B
Vanadium	NL	7.1	B	5.8	B	3.8	B			4.3	B	5.1	B	27.1	B	3.2	B			1.9	B	2.7	B							13.5	B	14.2	B	41.1	B
Zinc	300	938		783						250		572		1340		3400		55.9		1340		3070		2900						3,280	E	608		1,390	
Total Metals		1144.8		3316.3		3869.9		13127.4		4103.2		4360.44		25245.83		9270.2		14742.8		8899.87		10519.9		4574.4						24820.84		12581.75		51975.3	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/5/94	9/29/95	12/5/95	7/11/96	10/21/96	1/16/97	5/29/97	7/16/97	10/8/97	1/15/98	4/9/98	7/16/98
VOC ppb or µg/L															
1,1,1-Trichloroethane	5	**2.0**	**3.0**	**1.0**		**0.7**	**0.5** JQM	**0.9** JQM	**2.0**	**1.0** J	**1.3**	**1.5**	**1.6**	**1.8**	**1.6**
1,1-Dichloroethane	5	**0.7**	**2.0**	**1.0**				**0.2** JQM	**0.4** J	**0.6** J		**0.5**	**0.6**	**0.5** JQM	
1,1-Dichloroethene	5							**0.2** JQM	**0.4** J			**0.4**		**0.4** JQM	
1,2,3-Trichlorobenzene	5														
1,2,4-Trimethylbenzene	5														
2-Butanone	NL						**0.4** JQM	**0.4** JQM							
4-Chloro-3-Methylphenol	NL														
Acetone	50											**0.6**			
Carbon Disulfide	NL														
Chloroform	7						**0.5** JQM	**0.3** JQM	**0.4** J			**0.4**		**0.3** JQM	
Ethylbenzene	5								**1.0**						
Hexachlorobutadiene	0.5						**0.2** JQM								
Styrene															
Tetrachloroethene	5	**2.0**	**2.0**	**2.0**	**2.0**	**0.8**	**0.3** JQM	**0.3** JQM	**0.4** J	**0.4** J		**0.4**		**0.4** JQM	
Toluene	5								**8.0**						
Trichloroethene	5						**0.9** JQM	**1.7**							
Xylene (Total)	5								**7.0**						
Total VOCs		**4.7**	**7.0**	**4.0**	**2.0**	**1.5**	**2.8**	**4.0**	**19.6**	**2.0**	**1.3**	**3.8**	**2.2**	**3.4**	**1.6**
SVOC ppb or µg/L															
Benzo(a)anthracene	0.002						**2** J								
Benzo(a)pyrene	0.002						**2** J								
Benzo(b)fluoranthene	0.002						**6** XJ	**2** J							
Benzo(g,h,i)perylene	5						**2** J	**2** J							
Benzo(k)fluoranthene	0.002						**6** XJ	**1** J							
bis(2-Ethylhexyl)phthalate	50											**43**			
Chrysene	0.002						**4** J	**1** J							
Di-n-butyl phthalate	50										**6** J				
Fluoranthene	50						**6** J								
Indeno(1,2,3-cd)pyrene	0.002						**1** J								
Phenanthrene	50														
Pyrene	50						**5** J								
Total SVOCs		0	0	0	0	0	**34**	**6**	**0**	**0**	**6**	**43**	**0**	**0**	**0**
Metals ppb or µg/L															
Aluminum	NL		**980**	**128**	**250**	**371**		**242**	**111** B	**73.7** B	**83.8** B	**118**	**101** B		**107** B
Antimony	3										**4** B				
Arsenic	25								**4.4** B						
Barium	1,000						**105** B	**87.3** B	**87.1** B	**82.7** B	**89.6** B	**84.6**	**80.4** B	**79.2** B	**81.7** B
Beryllium	3														
Cadmium	5						**1.1** B					**0.68**			
Chromium	50		**16**				**9.3** B	**3.7** B			**2.4** B	**1.1**	**1.5** B	**0.67** B	
Cobalt	NL						**1.7** B	**20.1** B	**32.7** B	**36.9** B	**41.8** B	**32.2**	**27.5** B	**25.3** B	**25.8** B
Copper	200	**7**	**6.5**	**1.7**		**23**	**27.2**	**13.8**	**37.1**	**8.6** B	**7.1** B	**10.8**	**6.7** B	**8.7** B	**6** B
Iron	300	**2790**	**39500**	**2320**	**3800**	**24400**	**17800**	**5060** EJ	**2880**	**2290**	**2240**	**2740**	**2170**	**4190**	**2710**
Lead	25	**1**	**1.4**	**5**	**4**	**7**		**3.3**	**5.1**	**2.9** B			**1.2** B		**1.7** B
Manganese	300	**278**	**375**	**202**	**176**	**240**	**221**	**169**	**167**	**153**	**166**	**148**	**141**	**152**	**157**
Mercury	2		**0.3**												
Nickel	NL	**7**		**12**			**9.5** B	**5.8** B	**3.3** B		**6** B	**5.1**	**4.6** B	**5.6** B	
Selenium	10														
Silver	50														
Thallium	0.5														
Vanadium	NL						**2.8** B	**1.2** B							
Zinc	300	**31**	**256**	**140**	**92**	**149**			**121**	**121**	**118**		**160**		**96.7**
Total Metals		**3114**	**41135.2**	**2808.7**	**4322**	**25190**	**18177.6**	**5606.2**	**3448.7**	**2768.8**	**2758.7**	**3140.48**	**2693.9**	**4461.47**	**3185.9**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

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BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/8/04		6/22/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5	**1.4**	J	**1.1**		**1.6**		**1.6**		**1.2**		**1.6**		**1.8**		**1.5**		**1.8**				**1.5**		**1.5**		**0.7**		**0.6**							
1,1-Dichloroethane	5	**0.7**	J	**0.8**		**0.9**	JQM	**0.6**	JQM	**0.6**	JQM	**0.7**	JQM	**0.8**	JQM	**0.7**	JQM	**0.8**				**0.9**	JQM	**0.9**									
1,1-Dichloroethene	5					**0.7**	JQM	**0.7**	JQM	**0.6**	JQM	**0.9**	JQM	**0.6**	JQM	**0.6**	JQM	**0.6**	JQM			**0.8**	JQM	**0.8**									
1,2,3-Trichlorobenzene	5																													**2**	J		
1,2,4-Trimethylbenzene	5																													**1**	J		
2-Butanone	NL																					**0.5**	JQM										
4-Chloro-3-Methylphenol	NL															**2.0**	J																
Acetone	50									**1.0**						**1.4**		**2.2**				**1.4**				**1.5**		**2.3**	K				
Carbon Disulfide	NL					**1.6**																											
Chloroform	7					**0.2**	JQM											**0.3**				**0.2**	JQM										
Ethylbenzene	5																											**1.2**					
Hexachlorobutadiene	0.5																													**2.0**	J		
Styrene																												**1.0**					
Tetrachloroethene	5					**0.3**	JQM																										
Toluene	5																																
Trichloroethene	5																																
Xylene (Total)	5																																
Total VOCs		**2.1**		**1.9**		**5.3**		**2.9**		**3.4**		**3.2**		**3.2**		**6.2**		**5.7**		0.0		**5.3**		**3.2**		**2.2**		**5.1**		**0.0**		**5.0**		**0.0**	
SVOC ppb or µg/L																																	
Benzo(a)anthracene	0.002																													**1**	J		
Benzo(a)pyrene	0.002																													**2**	J		
Benzo(b)fluoranthene	0.002																													**2**	J		
Benzo(g,h,i)perylene	5																													**2**	J		
Benzo(k)fluoranthene	0.002																													**1**	J		
bis(2-Ethylhexyl)phthalate	50					**13**										**1**	J													**5**	JB	**3**	J	**4**	J
Chrysene	0.002																													**2**	J		
Di-n-butyl phthalate	50																																
Fluoranthene	50									**0.2**	J																			**2.0**	J	**2**	J		
Indeno(1,2,3-cd)pyrene	0.002																													**1**	J		
Phenanthrene	50																															**2**	J
Pyrene	50									**0.3**	J																			**2.0**	J	**2**	J		
Total SVOCs		0		**0**		**13**		**0**		**0.5**		0		0		**1**		0		0		0		0						**20**		**9**		**4**	
Metals ppb or µg/L																																	
Aluminum	NL	**126**	B	**125**	B					**209**		**156**	B	**93.1**	BJ					**82**		**209**								**2,340**	E	**197**	B	**416**	
Antimony	3																													**2.3**	B	**2.3**	B	**6.2**	B
Arsenic	25													**7.5**	B															**5.1**	B	**1.7**	B		
Barium	1,000	**84.3**	B	**68.6**	B	**75.2**	B	**77.5**	B	**90.3**	B	**98.4**	B	**85.7**	B	**195**	B	**69**	B	**71.6**		**66.7**	B	**84**						**52.1**	B	**60**	B	**16.5**	B
Beryllium	3									**0.1**	B	**0.55**	B	**0.54**	B																		
Cadmium	5							**6.5**				**0.64**	BJ																	**4.1**	B	**0.37**	B	**0.76**	B
Chromium	50			**3.3**	B	**0.6**	B			**4.5**	B	**4.7**	B	**1.1**	B					**13.1**										**16.7**	B	**6.7**	B	**4.9**	B
Cobalt	NL	**22.2**	B	**19.5**	B	**23.6**	B	**24.9**	B	**21.3**	B	**27**	B	**34.2**	B	**30.9**	B	**24.1**	B	**24.4**		**22**	B	**30**						**28.2**	BE	**54.1**		**10.8**	B
Copper	200	**17.2**	B	**39.9**		**3.6**	B	**5.5**	B	**12.5**	B	**16.9**	B			**4.5**	B	**5.2**	B			**7.8**	B							**74.5**		**9.3**	B	**20.7**	B
Iron	300	**4870**		**3990**		**3230**		**1910**		**11500**		**4120**	J	**2170**	J	**1960**		**6220**		**5670**		**7650**		**3800**						**72,300**	NE	**9,810**		**39,300**	
Lead	25			**2**	B			**2.7**	B	**1.8**	B																			**21.7**				**4.7**	B
Manganese	300	**193**		**114**		**99**		**87.1**		**118**		**116**		**90.4**		**91.2**		**101**		**86.6**		**101**		**97**						**593**	E	**276**		**256**	
Mercury	2									**0.1**	B																						
Nickel	NL	**5**	B	**6.1**	B	**3**	B	**4.6**	B	**6.4**	B	**6.8**	B	**6.2**	B	**3.7**	B	**2.7**	B	**20.5**		**3.2**	B	**400**						**25.8**	B	**12.9**	B	**12.7**	B
Selenium	10			**4.6**	B													**2.5**	J											**12.5**	B			**3.9**	B
Silver	50																																
Thallium	0.5																															**10.6**	B
Vanadium	NL									**1.4**	B																			**9.8**	B	**1.1**	B	**1.5**	B
Zinc	300									**78.5**						**76.6**		**71.4**		**64.5**		**57.7**		**70**						**225**	E	**113**		**76.2**	
Total Metals		**5317.7**		**4373**		**3435**		**2118.8**		**12043.9**		**4546.99**		**2488.74**		**2361.9**		**6495.9**		**6032.7**		**8117.4**		**4481**						**75710.8**		**10544.47**		**40141.46**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-7
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94		9/8/94		12/5/94		3/10/95		9/29/95		12/5/95		7/11/96		10/21/96		1/16/97		5/29/97		7/16/97		10/8/97		1/15/98		4/9/98		7/16/98	
VOC ppb or µg/L																															
1,1,1-Trichloroethane	5	**3.0**		**2.0**		**3.0**		**1.0**						**0.3**	JQM	**4.0**		**4.0**		**6.0**	**J**			**0.3**	JQM	**39.0**		**47.0**		**31.0**	
1,1-Dichloroethane	5	**2.0**		**2.0**		**3.0**		**4.0**						**0.3**	JQM	**17.0**		**15.0**		**17.0**				**0.5**	JQM	**50**		**47.0**		**35.0**	
1,1-Dichloroethene	5																													**8.6**	
4-Chloro-3-Methylphenol	NL																														
Acetone	50																							**1.0**	JQM						
Bromoform	50																											**0.2**	JQM		
Bromomethane	5																									**0.6**					
Carbon Disulfide	NL									**0.8**	**B**																				
Chloroform	7																													**0.8**	
cis-1,2-Dichloroethene	5															**0.5**	JQM														
Ethylbenzene	5																			**0.3**	**J**										
Hexachlorobenzene				**2.0**	**B**																										
m,p-Xylene	NL									**0.7**	**B**																				
Methyl tert-butyl ether	NL																													**1.5**	**J**
Methylene Chloride	5																														
Naphthalene	10			**6.0**	**B**																										
sec-butylbenzene	5											**2.0**																			
Tetrachloroethene	5													**1.3**		**0.9**	JQM	**0.5**	**J**	**0.5**	**J**	**0.5**		**0.4**	JQM	**0.5**		**0.5**	JQM		
Trichloroethene	5													**1.1**		**2.4**		**0.7**	**J**							**0.7**		**0.4**	JQM		
Xylene (Total)	5																	**0.3**	**J**												
Total VOCs		**5.0**		**12.0**		**6.0**				**1.5**		**2.0**		**3.0**		**24.8**		**20.5**		**23.8**		**0.5**		**2.2**		**90.8**		**95.1**		**76.9**	
SVOC ppb or µg/L																															
Benzo(b)fluoranthene	0.002													**1**	**J**																
Benzo(k)fluoranthene	0.002													**0.9**	**J**																
bis(2-Ethylhexyl)phthalate	50																			**12**											
Di-n-butyl phthalate	50													**2**	**J**															**0.6**	**J**
Di-n-octyl phthalate	50																														
Phenol	1																														
Total SVOCs		0		0		0				0		0		**3.9**		**0**		**0**		**12**		**0**		**0**		**0**		**0**		**0.6**	
Metals ppb or µg/L																															
Aluminum	NL			**851**		**120**		**149**								**183**		**129**		**232**		**126**		**109**		**193**					
Antimony	3																					**2.4**	**B**								
Arsenic	25																	**4.4**	**B**	**2.1**	**B**										
Barium	1,000													**124**	**B**	**84.6**	**B**	**45.7**	**B**	**33.5**	**B**	**25.2**	**B**	**23.5**	**B**	**30.7**	**B**	**23.6**	**B**	**21.4**	**B**
Beryllium	3																														
Cadmium	5													**2.3**	**B**									**1.1**	**B**			**0.56**	**B**		
Chromium	50													**1**	**B**	**1.8**	**B**					**1.8**	**B**					**0.74**	**B**		
Cobalt	NL															**1.6**	**B**	**1.2**	**B**			**1.5**	**B**	**1.4**	**B**	**1.1**	**B**				
Copper	200			**16**		**5**								**3.1**	**B**	**3.3**	**B**	**33.6**	**J**	**3.4**	**B**	**2.7**	**B**	**13.2**	**B**	**6.8**	**B**	**3.9**	**B**		
Iron	300	**81**		**8580**		**418**		**6970**		**163**		**93**				**1350**		**1170**		**1990**		**2400**		**580**	**J**	**425**	**J**	**1440**		**2310**	
Lead	25	**1**		**6**		**3**		**3**		**2**								**7.7**	**J**							**1.1**	**B**			**1.5**	**B**
Manganese	300	**564**		**90**		**223**		**1090**		**875**		**83**		**18.3**		**108**	**J**	**81.8**		**32.5**		**30.1**		**31.5**	**J**	**28.5**		**43.8**		**166**	**J**
Mercury	2																														
Nickel	NL													**1.9**	**B**	**2.2**	**B**					**2.5**	**B**			**1.5**	**B**	**2.3**	**B**		
Selenium	10																														
Silver	50																														
Thallium	0.5																														
Vanadium	NL																														
Zinc	300	**16**		**24**		**19**												**26.2**		**22.3**		**8.8**	**B**			**17**	**B**			**4.2**	**B**
Total Metals		**662**		**9567**		**788**				**1040**		**176**		**150.6**		**1734.5**		**1499.6**		**2315.8**		**2601**		**759.7**		**704.7**		**1514.9**		**2503.1**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-7
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/9/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5	**1.5**		**3.6**		**0.5**	JQM	**3.1**		**2.4**		**2.3**				**0.2**	JQM	**0.3**	JQM							**0.5**		**2.8**				**1.0**	J	**4.0**	J
1,1-Dichloroethane	5	**2.8**		**7.7**		**0.5**	JQM	**8.1**		**9.5**		**10.0**						**0.6**	JQM							**1.3**		**9.8**		**1.0**	J	**3.0**	J	**13.0**	J
1,1-Dichloroethene	5																																
4-Chloro-3-Methylphenol	NL															**10.0**	J																
Acetone	50					**3.5**	JQG	**0.7**	JQM							**1.2**		**2.9**						**2.3**				**1.3**	K					
Bromoform	50																																
Bromomethane	5																																
Carbon Disulfide	NL							**2.1**																									
Chloroform	7																																
cis-1,2-Dichloroethene	5	**1.3**				**0.9**	JQM	**3.2**		**2.0**		**2.4**						**0.3**	JQM			**1.8**													
Ethylbenzene	5																																
Hexachlorobenzene																																	
m,p-Xylene	NL																																
Methyl tert-butyl ether	NL																																
Methylene Chloride	5							**0.2**	JQM			**0.5**	JQM																				
Naphthalene	10																																
sec-butylbenzene	5																																
Tetrachloroethene	5					**0.3**	JQM																										
Trichloroethene	5																					**1.7**											
Xylene (Total)	5																																
Total VOCs		**5.6**		**11.3**		**5.7**		**17.4**		**13.9**		**15.2**		**0.0**		**11.4**		**4.1**		0.0		**3.5**		**2.3**		**1.8**		**13.9**		**1.0**		**4.0**		**17.0**	
SVOC ppb or µg/L																																	
Benzo(b)fluoranthene	0.002															**10**	J																
Benzo(k)fluoranthene	0.002																																
bis(2-Ethylhexyl)phthalate	50					**1**	J																							**11**			
Di-n-butyl phthalate	50			**0.6**	J																												
Di-n-octyl phthalate	50															**10**	J																
Phenol	1			**1**	J																											**1.0**	J
Total SVOCs		0		**1.6**		**1**		**0**		**0**		0		0		**20**		0		0		0		0						**11**		**0**		**1**	
Metals ppb or µg/L																																	
Aluminum	NL	**57**	B	**28.3**	B					**63.7**	B	**95.1**	B	**32.3**	BJ							**137**	B							**161**	BE	**816**		**410**	
Antimony	3																													**3.5**	B			**8**	B
Arsenic	25					**2.8**	B							**8.6**	BJ															**4.0**	B	**3.3**	B		
Barium	1,000	**32.4**	B	**19.5**	B	**18.4**	B	**39.2**	B	**46**	B	**47.9**	B	**15.8**	B	**177**	B	**30.5**	B	**21.2**	B	**19.4**	B	**18**						**30.2**	B	**39.3**	B	**62.6**	B
Beryllium	3									**2**	B	**0.56**	B																	**0.2**	B	**0.16**	B	**0.22**	B
Cadmium	5					**1.6**	B	**12.9**	J	**1.4**	B	**0.54**	BJ			**1.4**	B			**1.3**	B									**2.2**	B	**1.7**	B	**2.2**	B
Chromium	50			**1.5**	B	**1.2**	B			**3.8**	B	**2.6**	B			**5.3**	B	**1.2**	B	**4.2**	B									**10.1**	B	**12.6**	B	**7.7**	B
Cobalt	NL					**1.4**	B	**2.4**	B																					**2.8**	B	**2**	B	**4.8**	B
Copper	200	**18.7**	B	**11.5**	B	**3.8**	B			**6.1**	B	**12**	B	**289**		**7.9**	B	**2**	B	**1.4**	B	**1.1**	B							**19.6**	B	**14.3**	B		
Iron	300	**3320**		**1020**		**523**		**1340**		**19600**		**1720**	J	**1960**		**24100**		**4180**		**1300**		**1230**	J	**6300**						**72,000**	E	**60,300**		**96,100**	
Lead	25																			**2.3**	B									**1.4**	B	**2.9**	B	**4.6**	B
Manganese	300	**194**		**106**		**36.6**		**272**		**685**		**472**		**26.6**		**536**		**134**		**34.4**		**26.2**		**90**						**445**	E	**592**		**696**	
Mercury	2																																
Nickel	NL	**3.1**	B			**2.4**	B			**5.1**	B	**5.3**	B	**2.6**	B	**4.8**	B			**4.7**	B									**15.4**	B	**9.7**	B	**9**	B
Selenium	10					**1.9**	B									**4.7**	J	**2.5**	J											**3.9**	B			**17.9**	B
Silver	50					**1.1**	B							**1**	B																		
Thallium	0.5	**3.3**	B	**3.5**	B	**3.5**	B									**5.8**	B															**17.6**	B
Vanadium	NL					**0.6**	B			**2.1**	B					**2.4**	B													**3.6**	B	**8.2**	B	**5.6**	B
Zinc	300									**10.4**	B									**8.2**	B	**4.3**	B	**8.7**						**36**	B	**47**	B	**39**	B
Total Metals		**3628.5**		**1190.3**		**598.3**		**1666.5**		**20425.6**		**2356**		**2335.9**		**24845.3**		**4350.2**		**1377.7**		**1418**		**6416.7**						**72738.79**		**61849.56**		**97385.22**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-8
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/5/94	3/10/95	9/29/95	12/5/95	7/11/96	10/21/96	1/16/97	5/29/97	7/16/97	10/8/97	1/15/98	4/9/98	7/16/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5		**2.0**	**2.0**	**16.0**	**14.0**	**7.0**	**7.5**	**5.5**	**0.4** J	**7.0**	**4.0**	**8.9**		**10.0**	**12.0**
1,1,2-Trichloroethane	1															
1,1-Dichloroethane	5	**1.0**	**9.0**	**8.0**	**16.0**	**17.0**		**11.0**	**7.4**	**0.9** J	**4.0**	**2.9**	**7.3**		**10.0**	**15.0**
1,1-Dichloroethene	5													**15.0**		
1,1,1,2-Tetrachloroethane	5													**15.0**		
2-Butanone	NL								**0.6** JQM							
Acetone	50												**0.8** JQM			
Bromodichloromethane	50															**1.6**
Bromoform	50														**0.2** JQM	
Carbon Disulfide	NL					**1.0** B								**1.5**		
Chloroethane	5		**1.0**		**0.6**											
Chloroform	7															**2.4**
cis-1,2-Dichloroethene	5													**19.0**		
Dibromochloromethane	50															**1.1**
Hexachlorobutadiene	0.5															
Isopropylbenzene	5															
m,p-Xylene	NL												**0.2** JQM			
Methyl tert-butyl ether	NL															**0.7** J
Tetrachloroethene	5		**2.0**	**0.7**	**0.6**	**0.8** B		**0.4** JQM	**0.3** JQM		**0.4** J				**0.3** JQM	
Trichloroethene	5	**0.6**						**0.7** JQM	**0.6** JQM	**0.8** J						
Total VOCs		**1.6**	**14.0**	**10.7**		**32.8**	**7.0**	**19.6**	**14.4**	**2.1**	**11.4**	**6.9**	**17.2**	**50.5**	**20.5**	**32.8**
SVOC ppb or µg/L																
Anthracene	50												**0.9** J			
Benzo(a)anthracene	0.002												**1** J			
Benzo(a)pyrene	0.002												**1** J			
Benzo(b)fluoranthene	0.002												**1** J			
Benzo(g,h,i)perylene	5												**0.6** J			
bis(2-Ethylhexyl)phthalate	50										**14**					
Butylbenzyl phthalate	50															
Carbazole	NL												**0.7** J			
Chrysene	0.002												**1** J			
Diethylphthalate	50															**0.7** J
Di-n-butyl phthalate	50															**1** J
Di-n-octyl phthalate	50															
Fluoranthene	50												**4** J			
Indeno(1,2,3-cd)pyrene	0.002												**0.7** J			
Phenanthrene	50												**3** J			
Phenol	1															**2** J
Pyrene	50												**3** J			
Total SVOCs		0	0	0		0	0	**0**	**0**	**0**	**14**	**0**	**16.9**	**0**	**0**	**3.7**
Metals ppb or µg/L																
Aluminum	NL		**84**		**83**		**150**		**40.4** B		**40.8** B	**36.4** B	**76.2** B	**18.3** B		
Antimony	3											**2.3** B				
~~Arsenic~~	25															
Barium	1,000							**18.5** B	**17.3** B	**30.9** B	**15.8** B	**13.5** B	**14** B	**13.1** B	**12.6** B	**11.4** B
Beryllium	3															
Cadmium	5												**0.49** B			
Chromium	50								**1.8** B						**2.2** B	
Cobalt	NL								**1.9** B	**1.3** B		**2.2** B	**1.4** B			
Copper	200	**3170**	**4**					**1.1** B	**1.8** B		**3.2** B		**8.2** B	**1** B	**5.6** B	
Iron	300	**625**	**5900**	**1260**	**6930**	**62**	**451**		**1660** EJ	**146**	**2690**	**2370**	**897**	**611** J	**17200**	**5110**
Lead	25	**318**	**3**		**2**	**5**					**1.9** B			**1.5** B		**2.3** B
Manganese	300	**761**	**306**	**29**	**87**	**16**	**22**	**12.6** B	**27.6** J	**2590**	**27.2**	**22.5**	**19.4**	**7.4** B	**31.4**	**14.2** B
Mercury	2															
Nickel	NL		**17**	**18**				**2** B	**2.1** B			**2.1** B		**1.2** B	**3.1** B	
Selenium	10															
Silver	50															
Thallium	0.5															
Vanadium	NL															
Zinc	300	**1260**	**74**	**11**						**5.2** B	**24**	**15.1** B		**21.5** J		**20.3**
Total Metals		**6134**	**6388**	**1318**		**83**	**623**	**34.2**	**1752.9**	**2773.4**	**2802.9**	**2464.1**	**1016.69**	**675**	**17254.9**	**5158.2**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

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E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/8/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																			
1,1,1-Trichloroethane	5	**1.1**		**1.5**		**0.2**	JQM	**0.8**	JQM	**1.4**		**0.6**	JQM	**1.4**		**1.7**		**1.0**						**0.8**		**1.2**											
1,1,2-Trichloroethane	1																					**2.7**													
1,1-Dichloroethane	5	**0.6**		**0.9**				**1.2**		**2.9**		**1.2**		**5.9**		**9.3**		**2.1**				**7.9**		**2.4**		**2.7**									
1,1-Dichloroethene	5																																		
1,1,1,2-Tetrachloroethane	5																																		
2-Butanone	NL																																		
Acetone	50											**1.1**				**1.2**		**4.1**				**0.9**	JQM												
Bromodichloromethane	50	**2.9**		**1.2**																															
Bromoform	50																																		
Carbon Disulfide	NL			**1.1**						**1.0**																									
Chloroethane	5																																		
Chloroform	7	**4.4**		**1.9**																															
cis-1,2-Dichloroethene	5																																		
Dibromochloromethane	50	**1.9**		**0.6**																															
Hexachlorobutadiene	0.5															**10.0**	**J**																		
Isopropylbenzene	5											**0.6**	JQM																						
m,p-Xylene	NL																																		
Methyl tert-butyl ether	NL			**1.0**																															
Tetrachloroethene	5					**0.3**	JQM															**0.3**	JQM												
Trichloroethene	5																					**0.3**	JQM												
Total VOCs		**10.9**		**8.2**		**0.5**		**2.0**		**5.3**		**3.5**		**7.3**		**22.2**		**7.2**		0.0		**12.1**		**3.2**		**3.9**		**0.0**		**0.0**		**0.0**		**0.0**	
SVOC ppb or µg/L																																			
Anthracene	50																																		
Benzo(a)anthracene	0.002																																		
Benzo(a)pyrene	0.002																																		
Benzo(b)fluoranthene	0.002																																		
Benzo(g,h,i)perylene	5																																		
bis(2-Ethylhexyl)phthalate	50											**3**	**J**																	**2**	**J**				
Butylbenzyl phthalate	50																	**3**	**J**																
Carbazole	NL																																		
Chrysene	0.002																																		
Diethylphthalate	50																																		
Di-n-butyl phthalate	50																																		
Di-n-octyl phthalate	50															**10**	**J**					**10**	**R**												
Fluoranthene	50																																		
Indeno(1,2,3-cd)pyrene	0.002																																		
Phenanthrene	50																																		
Phenol	1			**2**	**J**																														
Pyrene	50																																		
Total SVOCs		0		**2**		**0**		**0**		**0**		3		0		**10**		3		0		10		0						**2**		**0**		**0**	
Metals ppb or µg/L																																			
Aluminum	NL	**58.3**	**B**	**35.4**	**B**	**120**	**B**	**8.6**	**B**			**66.5**	**B**	**44.5**	**B**			**398**		**81.5**	**B**	**244**								**194**	**BE**	**161**	**B**	**120**	**B**
Antimony	3																													**2.8**	**B**			**8.9**	**B**
Arsenic	**25**													**6.8**	**B**															**5.6**	**B**				
Barium	1,000	**6.7**	**B**	**8.5**	**B**	**12.5**	**B**	**20.1**	**B**	**18**		**26.5**	**B**	**29.6**	**B**	**193**	**B**	**17.8**	**B**	**24.9**	**B**	**23.5**	**B**	**28**						**43.4**	**B**	**39.6**	**B**	**61.3**	**B**
Beryllium	3											**0.34**	**B**	**1.3**	**B**																				
Cadmium	5					**0.3**	**B**	**1.5**	**B**																					**1.2**	**B**	**0.11**	**B**		
Chromium	50			**1.3**	**B**	**1.2**	**B**	**1.4**	**B**			**2.4**	**B**	**3**	**B**	**3.3**	**B**	**3.8**	**B**	**4.4**	**B**	**9.4**	**B**							**31.7**		**9.9**	**B**	**26.1**	
Cobalt	NL			**1.1**	**B**	**1.6**	**B**													**0.69**	**B**	**3.6**	**B**							**3.4**	**BE**	**1.1**	**B**	**7.3**	**B**
Copper	200	**27**	**J**	**16.5**	**B**	**1.6**	**B**	**1.7**	**B**			**14.5**	**B**	**14**	**B**	**5.1**	**B**	**2.7**	**B**	**5.7**	**B**	**7.7**	**B**							**72.7**		**9.6**	**B**	**18.4**	**B**
Iron	300	**2260**		**1340**		**582**		**3250**		**2100**		**15500**		**15700**		**14700**		**8720**		**16200**		**32100**		**2900**						**107,000**	**NE**	**15,900**		**71,400**	
Lead	25											**3.1**	**J**	**2.2**	**B**															**7.0**	**B**			3	B
Manganese	300	**7.3**	**B**	**5.1**	**B**	**3.6**	**B**	**8.4**	B			**30.5**		**25.4**		**31.6**		**38.2**		**39.7**		**83.4**		**16**						**456**	**E**	**82.1**		**236**	
Mercury	2									**0.2**	**QH**																								
Nickel	NL	**1.2**	**B**	**1.4**	**B**							**3**	**B**	**2.8**	**B**			**2.8**	**B**	**2.3**	**B**	**5.8**	**B**							**40.3**	B	**9.8**	**B**	**26.3**	**B**
Selenium	10																	**3**	**B**											**9.9**	B			**20.6**	**B**
Silver	50					**0.6**	**B**							**1.6**	**BJ**																				
Thallium	0.5							**4.4**	**B**																									**13.5**	**B**
Vanadium	NL			**1.5**	**B**	**0.6**	**B**							**2.7**	**B**															**2.5**	**B**	**1**	**B**	**0.51**	**B**
Zinc	300									**10**	**QH**	**28.9**				**19.9**	**B**	**15.1**	**B**	**21.2**		**25**		**11**						**96**	**E**	**31**	**B**	**68.6**	
Total Metals		**2360.5**		**1410.8**		**724**		**3296.1**		**2128.2**		**15675.74**		**15833.9**		**14952.9**		**9201.4**		**16380.39**		**32502.4**		**2955**						**107966**		**16245.21**		**72010.51**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-9
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/5/94	3/10/95	9/29/95	12/5/95	7/11/96	10/21/96	1/16/97	5/29/97	7/16/97	10/8/97	1/15/98	4/9/98	7/16/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5	**11.0**	**6.0**	**2.0**		**0.6**	**0.7**	**0.8** JQM	**0.5** JQM	**2.0**	**1.0** J		**0.4** JQM		**0.2** JQM	
1,1-Dichloroethane	5	**18.0**	**3.0**	**1.0**	**1.0**			**0.2** JQM	**0.3** JQM	**2.0**	**2.0**				**0.8** JQM	
1,1-Dichloroethene	5															**1.8**
1,2,4-Trimethylbenzene	5												**0.5** JQM		**2.4**	
1,4-Dichlorobenzene	5														**0.5** JQM	
2-Butanone	NL								**0.5** JQM							
Acetone	50															
Carbon Disulfide	NL					**1.0** B							**0.2** JQM	**1.1**		
Chloroethane	5	**2.0**														
Chloroform	7															
cis-1,2-Dichloroethene	5								**0.2** JQM							
Ethylbenzene	5										**0.2** J		**0.2** JQM			
Isopropylbenzene	5	**8.0**	**2.0**			**1.0**										
m,p-Xylene	NL												**1.4**			
Methyl tert-butyl ether	NL															**1.7** J
Methylene Chloride	5															
n-butylbenzene	5	**2.0**				**0.6**										
Naphthalene	10												**0.5** JQM			
O-Xylene	NL														**0.4** JQM	
sec-butylbenzene	5	**4.0**	**5.0**	**1.0**		**4.0**	**2.0**	**0.4** JQM								
Tetrachloroethene	5	**0.9**	**0.9**	**0.7**						**0.3** J						
Toluene	5											**0.8**				
Trichloroethene	5							**1.5**	**3.3**	**0.8** J			**0.4** JQM			
Total VOCs		**45.9**	**16.9**	**4.7**		**7.2**	**2.7**	**2.9**	**4.8**	**5.1**	**3.2**	**0.8**	**3.6**	**1.1**	**4.3**	**3.5**
SVOC ppb or µg/L																
bis(2-Ethylhexyl)phthalate	50															
Butylbenzyl phthalate	50															
Diethylphthalate	50														**3** J	**0.8** J
Di-n-butyl phthalate	50							**2** J								**1** J
Di-n-octyl phthalate	50															
Naphthalene	10															
Phenol	1															**2** J
Total SVOCs		0	0	0		0	0	**2**	**0**	**0**	**0**	**0**	**0**	**0**	**3**	**3.8**
Metals ppb or µg/L																
Aluminum	NL									**72** B				**9.1** B		
Antimony	3															
Arsenic	25															
Barium	1,000							**33.8** B	**19.3** B	**17.5** B	**26.5** B	**24.5** B	**27.8** B	**34.3** B	**36.6** B	**38.5** B
Beryllium	3															
Cadmium	5												**0.57** B			
Chromium	50								**1.9** B					**1.1** B		
Cobalt	NL							**5.4** B	**1.1** B			**1.8** B	**1.9** B			
Copper	200	**4**						**1.7** B	**2.5** B	**35**			**14.4** B	**2.4** B	**10.2** B	
Iron	300	**10100**	**15600**	**16000**	**13100**	**6110**	**4250**	**987** EJ	**1540** EJ	**3170**	**716**	**475**	**343**	**1070** J	**1390**	**2330**
Lead	25	**3**	**2**	**2**	**2**	**2**				**3.8**						**2.6** B
Manganese	300	**2970**	**1740**	**1800**	**2040**	**1960**	**2280**	**2230**	**1110** J	**32.7**	**1660**	**987**	**591**	**719**	**725**	**434**
Mercury	2															
Nickel	NL	**22**	**14**			**14**	**14**	**1.1** B	**2.4** B			**2.2** B		**1.5** B	**6.4** B	
Selenium	10													**5900**		
Silver	50															
Thallium	0.5							**6.2** B	**5.4** B							
Vanadium	NL															
Zinc	300	**23**	**8**	**6**						**28.3** J	**10.3** B			**9** B		**17.2**
Total Metals		**13122**	**17364**	**17808**		**8086**	**6544**	**3265.2**	**2682.6**	**3359.3**	**2412.8**	**1490.5**	**978.67**	**7746.4**	**2168.2**	**2822.3**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	10/22/98	1/3/99	11/18/99	8/10/00	3/21/01	6/25/01	10/18/01	12/13/01	4/4/02	12/4/02	3/24/03	8/7/03	11/10/04	6/23/05	2/10/06	9/12/06	8/14/07
VOC ppb or µg/L																		
1,1,1-Trichloroethane	5			**3.5**						**0.2** JQM								
1,1-Dichloroethane	5																	
1,1-Dichloroethene	5			**6.7**											**0.9**			
1,2,4-Trimethylbenzene	5																	
1,4-Dichlorobenzene	5																	
2-Butanone	NL																	
Acetone	50					**1.0** JQM	**0.9** JQM		**1.2**	**3.6**		**0.9** JQM		**1.6**				
Carbon Disulfide	NL		**0.6**			**1.8**		**0.3** JQM										
Chloroethane	5																	
Chloroform	7			**0.3** JQM		**0.4** JQM								**0.9**				
cis-1,2-Dichloroethene	5		**3.2**															
Ethylbenzene	5																	
Isopropylbenzene	5																	
m,p-Xylene	NL																	
Methyl tert-butyl ether	NL	**0.6**																
Methylene Chloride	5						**0.5** JQM											
n-butylbenzene	5																	
Naphthalene	10																	
O-Xylene	NL																	
sec-butylbenzene	5																	
Tetrachloroethene	5		**0.6**						**0.2** JQM									
Toluene	5																	
Trichloroethene	5		**1.5**									**0.4** JQM						
Total VOCs		**0.6**	**5.9**	**10.5**	**0.0**	**3.2**	**1.4**	**0.3**	**1.4**	**3.8**	0.0	**1.3**	**0.0**	**2.5**	**0.9**	**0.0**	**0.0**	**0.0**
SVOC ppb or µg/L																		
bis(2-Ethylhexyl)phthalate	50						**3** J					**2** J	**4.2**			**2** J	**3** J	
Butylbenzyl phthalate	50									**4** J								
Diethylphthalate	50																	
Di-n-butyl phthalate	50																	
Di-n-octyl phthalate	50								**10** J			**10** R						
Naphthalene	10																**1** J	
Phenol	1		**1** J															
Total SVOCs		0	**1**	**0**	**0**	**0**	3	0	**10**	4	0	12	4.2			**2**	**4**	**0**
Metals ppb or µg/L																		
Aluminum	NL	**126** B	**62** B		**5.1** B		**48.4** B	**22.8** B		**198**		**119** B				**50.6** BE	**21.9** B	**40.8** B
Antimony	3		**3.8** B													**2.3** B		**6.7** B
Arsenic	25						**8.1** B			**3.2** B						**3.0** B	**2.1** B	**2.5** B
Barium	1,000	**28.2** B	**21.4** B	**23.2** B	**25** B	**17**	**24.5** B	**29** B		**31.6** B	**29.5** B	**27.6** B	**23**			**35.1** B	**25.7** B	**34.4** B
Beryllium	3						**0.35** B	**1.2** B										
Cadmium	5															**0.7** B	**0.12** B	
Chromium	50		**1.5** B		**1.6** B		**1.6** B		**2.3** B	**4.1** B	**1.1** B					**38.5**	**6.3** B	**5.4** B
Cobalt	NL		**1.1** B	**0.6** B								**5.7** B				**2.0** BE	**0.66** B	**4.4** B
Copper	200	**10.8** B	**37.8** B	**1** B	**2.6** B		**11** B	**9.6** B	**2.4** B	**7.8** B	**1.8** B	**12.4** B				**34.7**		
Iron	300		**1260**	**613** J	**5300**	**1700**	**514**	**623**	**2730**	**14900**	**2390**	**6630**	**3200**			**78,300** NE	**21,700**	**57,100**
Lead	25	**6.8**	**2.5** B				**5.2** J									**3.9** B		**2.9** B
Manganese	300	**190**	**35.3**	**2.5** B	**12** B	**5.7**	**4.5** B	**4.7** B	**8.1** B	**38**	**13.2** B	**37**	**22**			**339** E	**82.2**	**520**
Mercury	2					**0.2** QH												
Nickel	NL	**1.3** B	**1.7**				**2.4** B	**2.8** B		**3.6** B	**2.6** B	**9.5** B				**35.3** B	**4.8** B	**8.4** B
Selenium	10															**7.1** B		**14.2** B
Silver	50							**1.9** B										
Thallium	0.5				**5.7** B													**9.2** B
Vanadium	NL		**1.7** B					**1.8** B								**1.7** B	**1.7** B	**1.6** B
Zinc	300			**1** J			**11.5** B			**5.3** B	**3.6** B					**34** BE	**22** B	**18.1** B
Total Metals		**363.1**	**1428.8**	**640.3**	**5353**	**1722.9**	**631.55**	**696.8**	**2742.8**	**15191.6**	**2441.8**	**6841.2**	**3245**			**78887.75**	**21867.68**	**57768.6**

NOTES:

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(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-11
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/5/94	3/10/95	9/29/95	12/5/95	7/11/96	10/21/96	1/16/97	5/29/97	7/16/97	10/8/97	1/15/98	4/9/98	7/16/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5	**2.0**					**4.0**									
1,1-Dichloroethane	5	**0.7**														
1,2,4-Trimethylbenzene	5		**2.0**													**0.8**
2-Chlorotoluene	5			**0.6**												
4-Chloro-3-Methylphenol	NL															
Acetone	50												**2.0**			
Carbon Disulfide	NL		**1.0**			**0.6** B		**0.4** JQM	**0.4** JQM				**1.8**			
cis-1,2-Dichloroethene	5															
Methyl tert-butyl ether	NL															**1.1**
Methylene Chloride	5												**0.2** JQM			
Tetrachloroethene	5						**4.0**									
Toluene	5		**0.9**													
Trichloroethene	5						**4.0**	**0.7** JQM	**2.5**							
Vinyl Acetate	NL						**2.0**									
Xylene (Total)	5															**0.8**
Total VOCs		**2.7**	**3.9**	**0.6**		**0.6**	**14.0**	**1.1**	**2.9**	**0.0**	**0.0**	**0.0**	**4.0**	**0.0**	**0.0**	**2.7**
SVOC ppb or µg/L																
Acenaphthene	20												**1** J			
4-Methylphenol	NL												**1** J			
Diethylphthalate	50									**13**		**6** J	**5** J	**7** J	**3** J	**2** J
Di-n-butyl phthalate	50							**2** J								
Fluoranthene	50												**2** J			
Naphthalene	10												**1** J			
Phenanthrene	50												**4** J			
Pyrene	50												**1** J			
Total SVOCs		0	0	0		0	0	**2**	**0**	**13**	**0**	**6**	**15**	**7**	**3**	**2**
Metals ppb or µg/L																
Aluminum	NL		**280**						**22.2** B	**6.2** B	**25.3** B	**35.3** B	**45.7** BJ	**18.2** B	**31.4** B	
Antimony	3											**3.8** B				
Arsenic	25															
Barium	1,000							**39.7** B	**49.8** B	**47.6** B	**44** B	**42.4** B	**47.6** BJ	**44.6** B	**45.2** B	**51.8** B
Beryllium	3														**0.16** B	
Cadmium	5														**0.95** B	
Chromium	50	**4**	**17**						**14.7** J			**1.8** B				
Cobalt	NL							**8.2** B	**6.1** B	**4.2** B	**6** B	**16.7** B	**11** BJ	**6.9** B	**5.9** B	**19.8** B
Copper	200		**8**						**2.7** B				**11.6** BJ	**1.2** B	**2.2** B	
Iron	300	**8310**	**1380**	**15100**	**8010**	**7370**	**6090**	**8840**	**6320** EJ	**5610**	**6520**	**19000**	**9660** J	**6110** J	**5300**	**27000**
Lead	25		**10**	**1**	**1**	**2**			**1.1** B							
Manganese	300	**1810**	**2330**	**2800**	**1170**	**1420**	**1300**	**1260**	**1060** EJ	**916**	**782**	**620**	**561** J	**549**	**531**	**474**
Mercury	2											**0.13** B				
Nickel	NL		**54**		**13**			**3.1** B	**16.5** B			**5.4** B		**3.6** B	**3.3** B	
Selenium	10															
Silver	50															
Thallium	0.5							**6** B	**4.6** B			**5.7** B			**4.6** B	**1.2** B
Vanadium	NL															
Zinc	300	**21**	**204**	**25**						**5.4** B		**68.9**		**15** B		**19.5** B
Total Metals		**10145**	**4283**	**17926**		**8792**	**7390**	**10157**	**7497.7**	**6589.4**	**7377.3**	**19800.13**	**10336.9**	**6748.5**	**5924.71**	**27566.3**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-11
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/8/04		6/22/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5																																
1,1-Dichloroethane	5																																
1,2,4-Trimethylbenzene	5																																
2-Chlorotoluene	5																																
4-Chloro-3-Methylphenol	NL															**1.0**	**J**																
Acetone	50	**3.8**	**J**			**3.2**				**1.0**	JQM	**0.9**	JQM	**1.5**		**0.5**	JQM	**2.1**				**1.2**				**1.8**		**2.1**							
Carbon Disulfide	NL	**12.0**				**1.8**		**0.4**	JQM	**3.4**																							
cis-1,2-Dichloroethene	5	**0.6**																															
Methyl tert-butyl ether	NL			**2.3**																						**4.5**							
Methylene Chloride	5											**0.5**	JQM																				
Tetrachloroethene	5																																
Toluene	5																																
Trichloroethene	5																																
Vinyl Acetate	NL																																
Xylene (Total)	5																																
Total VOCs		**16.4**		**2.3**		**5.0**		**0.4**		**4.4**		**1.4**		**1.5**		**1.5**		**2.1**		0.0		**1.2**		**0.0**		**6.3**		**2.1**		**0.0**		**0.0**		**0.0**	
SVOC ppb or µg/L																																	
Acenaphthene	20																																
4-Methylphenol	NL																																
Diethylphthalate	50			**5**	**J**																												
Di-n-butyl phthalate	50																																
Fluoranthene	50																																
Naphthalene	10																																
Phenanthrene	50																																
Pyrene	50																																
Total SVOCs		0		**5**		**0**		**0**		**0**		0		0		**0**		0		0		0		0						**0**		**0**		**0**	
Metals ppb or µg/L																																	
Aluminum	NL	**52.4**								**35.8**	**B**	**98.5**	**B**	**47.9**	**BJ**					**48**	**B**	**102**	**B**							**44.9**	**BE**	**159**	**B**	NA	
Antimony	3																													ND		ND		NA	
Arsenic	25											**4.4**	**BJ**	**8.2**	**BJ**															ND		ND		NA	
Barium	1,000	**29.7**	**B**	**28.9**	**B**	**40.7**	**B**	**48.1**	**B**	**32.8**	**B**	**49.6**	**B**	**44.1**	**B**	**131**	**B**	**34.5**	**B**	**81.8**	**B**	**57.4**	**B**	**33**						**19.8**	**B**	**25.6**	**B**	NA	
Beryllium	3									**0.2**		**0.27**	**B**	**0.43**	**B**					**0.2**	**B**									ND		ND		NA	
Cadmium	5							**2.6**	**B**											**0.4**	**B**									**0.2**	**B**	**0.23**	**BE**	NA	
Chromium	50			**1.3**	**B**					**1.4**	**B**	**3.4**	**B**	**1.2**	**B**					**4**	**B**									**1.5**	**B**	**0.99**	**BE**	NA	
Cobalt	NL	**4.8**	**B**	**4.2**	**B**	**7.2**	**B**	**6.3**	**B**	**2.6**	**B**	**3.8**	**B**	**7.8**	**B**	**3.8**	**B**			**4.3**	**B**	**3.2**	**B**							**1.4**	**BE**	**0.57**	**B**	NA	
Copper	200	**10.9**	**B**	**16**	**B**					**8**	**B**	**12.2**	**B**																	**9.9**	**B**	ND		NA	
Iron	300	**3760**		**3540**		**4110**		**8270**		**4990**		**11000**	**J**	**6310**	**J**	**5340**		**6640**		**8460**		**12000**		**9000**						**12,000**	**NE**	**11,800**		NA	
Lead	25																													ND		**3.5**	**B**	NA	
Manganese	300	**297**		**272**		**329**		**439**		**230**		**485**		**218**		**192**		**161**		**257**		**217**		**190**						**177**	**E**	**201**	***E**	NA	
Mercury	2													**0.11**	**B**															ND		ND		NA	
Nickel	NL			**2.5**	**B**					**2.7**	**B**	**3.9**	**B**	**4.6**	**B**					**5**	**B**									**4.2**	**B**	**3.3**	**B**	NA	
Selenium	10															**4.7**	**J**	**2.5**	**J**											**1.6**	**B**	**1.7**	**B**	NA	
Silver	50													**1.6**	**B**															ND		ND		NA	
Thallium	0.5													**6.3**	**B**															**1.5**	**B**	**2.9**	**B**	NA	
Vanadium	NL									**0.7**	**B**																			ND		**3.2**	**B**	NA	
Zinc	300																			**13**	**B**	**5.1**	**B**							**56**	**E**	**21**	**B**	NA	
Total Metals		**4154.8**		**3864.9**		**4486.9**		**8766**		**5304.2**		**11661.07**		**6650.24**		**5671.5**		**6838**		**8873.7**		**12384.7**		**9223**						**12318.36**		**12223.19**		**0**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

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E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	4/19/94		9/8/94		12/5/94		3/10/95		9/29/95		12/5/95		7/11/96		10/21/96		1/16/97		5/29/97		7/16/97		10/8/97		1/15/98		4/9/98		7/16/98	
VOC ppb or µg/L																															
1,1-Dichloroethane	5	**8.0**																													
1,2-Dichlorobenzene	3											**0.6**		**0.2**	JQM	**0.3**	JQM														
1,4-Dichlorobenzene	5															**0.2**	JQM														
2-Butanone	NL																														
2-Chlorotoluene	5									**1.0**		**1.0**		**0.2**	JQM																
4-Chloro-3-Methylphenol	NL																														
4-Chlorotoluene	5															**0.5**	JQM														
Acetone	50																							**1.4**							
Benzene	1													**0.2**	JQM																
Carbon Disulfide	NL													**1.1**		**0.5**	JQM							**0.3**	JQM						
Chlorobenzene	5									**0.6**								**0.5**	J												
Chloroethane	5	**9.0**																													
Chloroform	7																							**0.2**	JQM						
Methyl tert-butyl ether	NL																													**12.0**	
Methylene Chloride	5																														
Tetrachloroethene	5													**0.6**	JQM	**0.3**	JQM														
Trichloroethene	5													**1.0**	JQM	**2.1**															
Total VOCs		**17.0**		**0.0**		**0.0**				**1.6**		**1.6**		**3.3**		**3.9**		**0.5**		**0.0**		**0.0**		**1.9**		**0.0**		**0.0**		**12.0**	
SVOC ppb or µg/L																															
Acenaphthene	20																							**1**	**J**						
2-Methylnaphthalene	4.7																							**0.8**	**J**						
bis(2-Ethylhexyl)phthalate	50																													**49**	**B**
Butylbenzyl phthalate	50																													**0.6**	**J**
Di-n-butyl phthalate	50													**4**	**J**															**0.5**	**J**
Fluoranthene	50																							**2**	**J**						
Naphthalene	10																							**2**	**J**						
Phenanthrene	50																							**4**	**J**						
Phenol	1																											**1**	**J**		
Pyrene	50																							**1**	**J**						
Total SVOCs		0		0		0				0		0		**4**		**0**		**0**		**0**		**0**		**10.8**		**0**		**1**		**50.1**	
Metals ppb or µg/L																															
Aluminum	NL																	**6.4**	**B**			**18.6**	**B**	**43.6**	**BJ**	**9.9**	**B**				
Antimony	3																					**2.7**	**B**			**4.5**	**B**				
Arsenic	25																	**4.5**	**B**					**4.1**	**BJ**						
Barium	1,000													**21.8**	**B**	**24.2**	**B**	**19.7**	**B**	**12.5**	**B**	**14.6**	**B**	**24.8**	**BJ**	**20**	**B**	**18.8**	**B**	**34.7**	**B**
Beryllium	3																														
Cadmium	5																											**0.62**	**B**		
Chromium	50	**8**												**2.4**	**B**	**9**	**B**					**1.3**	**B**	**1.1**	**BJ**						
Cobalt	NL													**2.5**	**B**	**1.6**	**B**	**1.4**	**B**	**2.5**	**B**	**1.7**	**B**	**3.2**	**BJ**						
Copper	200	**10**				**5**								**1.4**	**B**	**1.2**	**B**							**8.9**	**BJ**	**1.3**	**B**	**6**	**B**		
Iron	300	**38600**		**15800**		**4780**		**12700**		**1460**		**2040**		**2900**		**1380**	**EJ**	**6190**		**4530**		**675**		**1560**	**J**	**2550**	**J**	**3100**		**3010**	
Lead	25	**2**		**2**		**1**		**2**		**8**		**1**																		**2**	**B**
Manganese	300	**11900**		**4300**		**3970**		**1340**		**2000**		**5350**		**2340**		**2770**	**EJ**	**1120**		**962**		**1220**		**1090**	**J**	**812**		**894**		**2110**	
Mercury	2																														
Nickel	NL	**61**		**28**		**12**		**17**				**22**		**31**	**B**	**13.7**	**B**					**1**	**B**			**1.1**	**B**				
Selenium	10																														
Silver	50																														
Thallium	0.5													**10.9**		**8.7**	**B**			**3.4**	**B**							**5.4**	**B**		
Vanadium	NL																														
Zinc	300	**14**		**116**		**32**												**5.3**	**B**			**2.2**	**B**			**9.4**	**B**			**3.2**	**B**
Total Metals		**50595**		**20246**		**8800**				**3468**		**7413**		**5310**		**4208.4**		**7347.3**		**5510.4**		**1937.1**		**2735.7**		**3408.2**		**4024.82**		**5159.9**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-12
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/22/98		1/3/99		11/18/99		8/10/00		3/21/01		6/25/01		10/18/01		12/13/01		4/4/02		12/4/02		3/24/03		8/7/03		11/8/04		6/22/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																			
1,1-Dichloroethane	5																																		
1,2-Dichlorobenzene	3																																		
1,4-Dichlorobenzene	5																																		
2-Butanone	NL																					**0.4**	JQM												
2-Chlorotoluene	5																																		
4-Chloro-3-Methylphenol	NL															**1.0**	**J**																		
4-Chlorotoluene	5																																		
Acetone	50					**3.0**						**1.6**				**0.5**	JQM	**2.7**				**1.6**				**3.8**		**1.9**							
Benzene	1																																		
Carbon Disulfide	NL					**1.7**										**0.2**	JQM																		
Chlorobenzene	5							**0.2**																											
Chloroethane	5																																		
Chloroform	7																																		
Methyl tert-butyl ether	NL			**3.0**																						**5.2**									
Methylene Chloride	5											**0.6**	JQM																						
Tetrachloroethene	5																																		
Trichloroethene	5																																		
Total VOCs		**0.0**		**3.0**		**4.7**		**0.2**		**0.0**		**2.2**		**0.0**		**1.7**		**2.7**		0.0		**2.0**		**0.0**		**9.0**		**1.9**		**0.0**		**0.0**		**0.0**	
SVOC ppb or µg/L																																			
Acenaphthene	20																																		
2-Methylnaphthalene	4.7																																		
bis(2-Ethylhexyl)phthalate	50															**3**	**J**															**1**	**J**		
Butylbenzyl phthalate	50																																		
Di-n-butyl phthalate	50																																		
Fluoranthene	50																																		
Naphthalene	10																																		
Phenanthrene	50																																		
Phenol	1																																		
Pyrene	50																																		
Total SVOCs		0		**0**		**0**		**0**		**0**		0		0		**3**		0		0		0		0						**0**		**1**		**0**	
Metals ppb or µg/L																																			
Aluminum	NL	**53.4**	**B**									**94.5**	**B**	**56.3**	**BJ**							**95.8**	**B**							**48.8**	**BE**	**55.8**	**B**	**165**	**B**
Antimony	3																													ND		ND		**2.5**	**B**
Arsenic	25													**5.9**	**BJ**			**2.8**	**B**											ND		**3.5**	**B**	ND	
Barium	1,000	**18.6**	**B**	**12.7**	**B**	**16.2**	**B**	**17.1**		**17.3**	**B**	**22.8**	**B**	**21.4**	**BJ**	**126**	**B**	**12.9**	**B**	**39.3**	**B**	**26.5**	**B**	**23**						**9.2**	**B**	**29.7**	**B**	**36.9**	**B**
Beryllium	3											**0.3**	**B**	**0.46**	**B**															ND		ND		ND	
Cadmium	5					**0.4**	**B**	**1.4**																						**0.3**	**B**	**0.4**	**BE**	**1.3**	**B**
Chromium	50			**1**	**B**	**2.4**	**B**			**1**	**B**	**3.9**	**B**	**1.3**	**B**					**6.4**	**B**									**2.1**	**B**	**2.1**	**BE**	**0.86**	**B**
Cobalt	NL					**5.2**	**B**			**0.9**	**B**	**1.4**	**B**	**2**	**B**			**1.5**	**B**	**2.6**	**B**									**1.4**	**BE**	**1**	**B**	**3.7**	**B**
Copper	200	**18.1**	**B**	**19.2**	**B**	**1.3**	**B**			**1.1**	**B**	**9.4**	**B**			**1.7**	**B**													**10.2**	**B**	**6.4**	**B**	**6.4**	**B**
Iron	300			**723**		**543**		**1880**		**4190**		**3070**	**J**	**2840**	**J**	**1430**		**1140**		**2720**		**5540**		**6800**						**6,600**	**NE**	**19,700**		**23,000**	
Lead	25																													**1.0**	**B**	**3.2**	**B**	**1.8**	**B**
Manganese	300	**909**		**633**		**1080**		**1250**		**1110**		**1300**		**1270**				**811**		**1720**		**841**		**870**						**249**	**E**	**956**	***E**	**854**	
Mercury	2																													ND		ND		ND	
Nickel	NL			**1.8**	**B**	**1.4**	**B**			**2.2**	**B**	**2.9**	**B**	**8.6**	**B**					**7.4**	**B**									**5.0**	**B**	**3.6**	**B**	**4.5**	**B**
Selenium	10																	**2.5**	**J**											**1.3**	**B**	ND		**8.3**	**B**
Silver	50					**0.8**	**B**																							ND		1.8	B	ND	
Thallium	0.5					**2.7**	**B**																							**2.0**	**B**	**2.4**	**B**	ND	
Vanadium	NL																													ND		**4.2**	**B**	ND	
Zinc	300																			**2.9**	**B**									**45**	**BE**	**23**	**B**	**37.4**	**B**
Total Metals		**999.1**		**1390.7**		**1653.4**		**3148.5**		**5322.5**		**4505.2**		**4205.96**		**1557.7**		**1970.7**		**4498.6**		**6503.3**		**7693**						**6974.82**		**20792.7**		**24122.66**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-13
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/6/94	3/10/95	9/29/95	12/5/95	7/10/96	10/15/96	1/15/97	5/28/97	7/15/97	10/7/97	1/14/98	4/8/98	7/15/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5	**2.0**	**4.0**	**10.0**	**10.0**			**0.8** JQM	**0.6** JQM	**0.8** J	**3.0**	**5.7**	**7.3**	**0.8**		
1,1-Dichloroethane	5	**12.0**	**28.0**	**49.0**	**12.0**			**3.3**	**14.0**	**11.0**	**89.0****	**84.0**	**60.0**	**5.3**	**0.5** JQM	
1,1-Dichloroethene	5			**8.8**	**8.4**				**8.4** JQM		**2.0** J	**8.7**	**8.7** JQM			
1,2-Dichlorobenzene	3			**0.6**							**0.3** J					
1,3-Dichlorobenzene	5			**3.0**					**0.2** JQM		**0.2** J					
1,4-Dichlorobenzene	5		**0.8**	**9.0**		**1.0**			**0.3** JQM		**0.4** J					
2-Chlorotoluene	5															
4-Chloro-3-Methylphenol	NL															
4-Chlorotoluene	5															
Acetone	50										R		**1.1**			
Carbon Disulfide	NL					**0.6** B		**1.1**	**0.7** JQM				**1.1**			
Chlorobenzene	5			**46.0**												
Chloroethane	5	**3.0**	**2.0**	**3.0**	**2.0**			**1.9**	**43.0**	**28.0** J	**70***	**18.0**	**3.4**			
Chloroform	7															
Chloromethane	NL												**0.3** JQM			
cis-1,2-Dichloroethene	5								**0.1** JQM		**3.0**	**1.6**	**0.7** JQM			
Ethylbenzene	5															
Isopropylbenzene	5	**2.0**							**0.6** JQM			**0.6**	**0.6** JQM			
m,p-Xylene	NL				**0.9**				**0.2** JQM							
Methyl tert-butyl ether	NL															
Methylene Chloride	5															
n-butylbenzene	5							**0.4** JQM	**1.0**			**0.6**	**0.4** JQM			
n-propylbenzene	5	**0.9**	**0.6**													
O-xylene	NL															
sec-butylbenzene	5	**2.0**	**1.0**		**0.6**			**1.8**	**3.0**			**3.0**	**3.5**	**2.5**	**2.0**	**2.1**
tert-butylbenzene	5								**0.3** JQM				**0.3** JQM			
Tetrachloroethene	5				**0.9**	**1.0**	**0.6**	**0.4** JQM			**1.0**	**2.0**	**2.2**			
Toluene	5								**0.2** JQM							
Trichloroethene	5							**1.0**	**2.6**			**1.8**	**1.7**			
Vinyl Chloride	2															
Total VOCs		**21.9**	**36.4**	**129.4**	**34.8**	**2.6**	**0.6**	**10.7**	**75.2**	**39.8**	**9.9**	**126.0**	**91.3**	**8.6**	**2.5**	**2.1**
SVOC ppb or µg/L																
1,3-Dichlorobenzene	5															
1,4-Dichlorobenzene	4.7															
2-Methylnaphthalene	4.7												**2** J			
Acenaphthalene	20												**2** J			
Dibenzofuran	NL												**2** J			
Di-n-butyl phthalate	50							**2** J								
Fluoranthene	50												**2** J			
Fluorene	50												**2** J			
Naphthalene	10												**3** J			
Phenanthrene	50												**6** J			
Phenol	1														**1.0** J	
Pyrene	50												**1** J			
Total SVOCs		0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	20.0	0.0	1.0	0.0
Metals ppb or µg/L																
~~Aluminum~~	~~NL~~		~~**90.0**~~						~~**R**~~		~~**58.2** B~~	~~**17.0** B~~	~~**21.7** BJ~~	~~**10.5** B~~		
Antimony	3											**3.1** B				
Arsenic	25										**4.3** B	**2.9** B				
Barium	1,000							**74.7** B	**68.6** B	**59.1** B	**54.0** B	**59.3** B	**115.0** BJ	**99.8** B	**72.1** B	**70.2** B
Beryllium	3															
Cadmium	5															
Chromium	50								**2.9** B			**1.4** B				
Cobalt	NL							**25.7** B	**16.4** B	**22.9** B	**14.4** B	**9.9** B	**16.2** BJ	**11.0** B	**6.9** B	
Copper	200									**24.0** B			**18.2** BJ	**1.8** B	**2.7** B	
Iron	300	**5150.0**	**1060.0**	**7130.0**	**12100.0**	**9280.0**	**11200.0**	**16400.0**	**7770.0** EJ	**16500.0**	**10400.0**	**7560.0**	**6660.0** J	**7320.0** J	**2690.0**	**6520.0**
Lead	25	**2.0**	**4.0**	**1.0**	**1.0**	**5.0**		R		**2.5** B						**0.7** B
Manganese	300	**1630.0**	**4700.0**	**4400.0**	**3250.0**	**4490.0**	**4510.0**	**3180.0**	**2710.0** EJ	**2120.0**	**1720.0**	**1810.0**	**1730.0** J	**1900.0**	**1250.0**	**1140.0**
Mercury	2															
Nickel	NL	**12.0**	**34.0**	**23.0**	**26.0**	**20.0**	**26.0**	**2.2** B	**7.6** B			**1.8** B	**2.5** BJ	**1.9** B	**2.4** B	**0.0**
Selenium	10															
Silver	50															
Thallium	0.5							**11.9**	**11.2**				**3.6** BJ			
Vanadium	NL															
Zinc	300	**24.0**	**243.0**	**20.0**				R	R	**42.9** J		**7.6** B	R	**46.9** J	R	**9.3** B
Total Metals		**6818**	**6131**	**11574**	**15377**	**13795**	**15736**	**19694.5**	**10586.7**	**18833.9**	**12209.2**	**9453.1**	**8567.2**	**9391.9**	**4024.1**	**7740.23**

NOTES:
Results in parts per billion (ppb) or micrograms per liter (ug/l)
U - not detected above instrument detection limit
J - estimated value
B - analyte found in associated method blank
E - value exceeds calibration range
BOLD FONT- Compound was detected above instrument detection limit
Shading and Italics - Result is above the NYSDEC AWQS.
1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations
NA - Not Analyzed

Sample Date	NYSAGWQS[1]	10/21/98	1/12/99	11/16/99	8/8/00	3/21/01	6/19/01	10/16/01	12/11/01	4/2/02	12/3/02	3/24/03	8/5/03	11/8/04	6/22/05	2/10/06	9/12/06	8/14/07
VOC ppb or µg/L																		
1,1,1-Trichloroethane	5			0.8 JQM														
1,1-Dichloroethane	5	0.9		26.0	8.0	8.0				0.4 JQM		0.6 JQM	8.9					
1,1-Dichloroethene	5														2.8			
1,2-Dichlorobenzene	3			0.3 JQM														
1,3-Dichlorobenzene	5			0.3 JQM				0.5 JQM										
1,4-Dichlorobenzene	5			0.5 JQM				2.0		0.4 JQM								
2-Chlorotoluene	5			0.2 JQM				0.7 JQM										
4-Chloro-3-Methylphenol	NL								0.4 J									
4-Chlorotoluene	5							1.9										
Acetone	50			0.9 JQM	0.6 JQM		0.7 JQM		0.5 JQM	0.8 JQM		1.3			4.1 K			
Carbon Disulfide	NL			5.4				0.5 JQM	0.4 JQM									
Chlorobenzene	5							15.0	53.0	0.5 JQM				3.1				
Chloroethane	5			28.0	13.0							1.9	10.0		3.2			
Chloroform	7				0.8 JQM							0.3 JQM						
Chloromethane	NL																	
cis-1,2-Dichloroethene	5			2.0	0.6 JQM			0.4 JQM					0.7		0.8			
Ethylbenzene	5								0.4 JQM									
Isopropylbenzene	5																	
m,p-Xylene	NL																	
Methyl tert-butyl ether	NL		0.9															
Methylene Chloride	5						0.4 JQM											
n-butylbenzene	5																	
n-propylbenzene	5																	
O-xylene	NL							1.2	1.7									
sec-butylbenzene	5	1.3	0.7	1.5	1.4	0.8				0.7 JQM		1.4	1.3		1.9			
tert-butylbenzene	5																	
Tetrachloroethene	5											0.6 JQM			6.1			
Toluene	5																	
Trichloroethene	5			0.8 JQM	0.3 JQM							0.2 JQM			3.5			
Vinyl Chloride	2			2.0	0.4													
Total VOCs		2.2	1.6	68.7	25.1	8.8	1.1	22.2	56.4	2.8	0.0	6.3	20.9	3.1	22.4	0.0	0.0	0.0
SVOC ppb or µg/L																		
1,3-Dichlorobenzene	5								1.6									
1,4-Dichlorobenzene	4.7								6.8									
2-Methylnaphthalene	4.7																	
Acenaphthalene	20																	
Dibenzofuran	NL																	
Di-n-butyl phthalate	50																	
Fluoranthene	50																	
Fluorene	50																	
Naphthalene	10																	
Phenanthrene	50																	
Phenol	1																	
Pyrene	50																	
Total SVOCs		0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0			0.0	0.0	0.0
Metals ppb or µg/L																		
~~Aluminum~~	~~NL~~	~~5.1~~ B	~~9.9~~ B			~~228.0~~ B	~~97.8~~ B	~~56.3~~ B				~~107.0~~ B				~~82.6~~ BE	~~84~~ B	~~66.4~~ B
Antimony	3																4.7	B
Arsenic	25			2.6 B	4.0 B		5.1 BJ	5.6 BJ		2.7 B						3.2 B	3.3 B	
Barium	1,000	58.6 B	69.0 B	52.8 B	68.5 B	53.6 B	86.4 B	98.2 B	196.0 B	99.7 B	74.2 B	69.3 B	72.0			103 B	39.4 B	29.2 B
Beryllium	3					0.1 B	0.4 B	0.5 B										
Cadmium	5															1.4 B	0.89 BE	1.7 B
Chromium	50		3.1 B	3.1 B	2.1 B	2.2 B	4.0 B	3.0 B	3.0 B		3.5 B					3.1 B	1.9 BE	3.4 B
Cobalt	NL	4.5 B	11.4 B	9.8 B	9.8 B	6.3 B	16.2 B	22.4 B	17.3 B	15.7 B	17.0 B	14.6 B	22.0			5.6 BE	2.3 B	5.3 B
Copper	200	9.0 B	17.4 B	0.8 B	0.0	1.5 B	9.9 B	R	4.4 B	1.7 B	R					11.5 B	9.3 B	
Iron	300	4410.0	10400.0	9220.0	9140.0	12000.0	10500.0 J	14500.0 J	11600.0	10000.0	10200.0	8650.0	16000.0			52,600 NE	15,400	40,200
Lead	25															1.0 B	2.3 B	0.84 B
Manganese	300	1070.0	1200.0	2750.0	4700.0	4410.0	3330.0	2420.0	2270.0	2240.0	975.0	1430.0	1900.0			867 E	186 *E	401
Mercury	2																	
Nickel	NL	1.3 B	4.6 B	3.2 B	3.2 B	4.8 B	5.7 B	7.4 B	5.8 B		5.2 B					9.3 B	3.6 B	6 B
Selenium	10			2.6 B					4.7 J	2.5 J						2.2 B	1.9 B	3.3 B
Silver	50	R		1.4 B				2.1 B									1.8 B	
Thallium	0.5			2.6 B												4.4 B	4 B	7.8 B
Vanadium	NL															0.8 B	3.4 B	ND
Zinc	300	R	R		R	3.6 B	R		R	3.4 B	6.8 B	4.7 B	9.2			88 E	38 B	85.7
Total Metals		5558.53	11715.4	12048.9	13927.6	16710.1	14055.48	17115.5	14101.2	12365.7	11281.7	10275.6	18003.2			53783.09	15781.79	40815.34

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-13D
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/6/94	3/10/95	9/29/95	12/5/95	7/10/96	10/15/96	1/15/97	5/28/97	7/15/97	10/7/97	1/14/98	4/8/98	7/15/98	10/21/98
VOC ppb or µg/L																	
1,1,1-Trichloroethane	5	**1.0**	**2.0**	**2.0**	**2.0**	**3.0**	**3.0**	**1.8**	**2.1**	**3.0**	**1.0**	**0.8**	**0.7** JQM	**1.2**	**1.3**	**0.8**	**0.7**
1,1-Dichloroethane	5	**0.5**	**0.7**	**0.6**	**0.5**	**2.0**	**2.0**	**0.8** JQM	**1.1**	**1.0**	**0.8** J	**0.6**	**0.4** JQM	**0.5**	**0.6** JQM		
1,1-Dichloroethene	5					**0.8**	**0.7**	**0.8** JQM	**0.7** JQM	**0.3** J	**0.4** J				**0.8** JQM		
2-Butanone	NL										**R**						
Acetone	50										**R**						
Carbon Disulfide	NL							**0.3** JQM	**0.2** JQM								**1.4**
Chloroform	7							**0.5** JQM	**0.5** JQM	**0.4** J			**0.3** JQM		**0.2** JQM		
cis-1,2-Dichloroethene	5							**0.4** JQM	**0.3** JQM	**0.4** J							
m,p-Xylene	NL				**1.0**												
Methyl tert-butyl ether	NL																
Tetrachloroethene	5	**1.0**	**2.0**	**1.0**	**1.0**	**1.0**		**0.7** JQM	**0.8** JQM	**0.9** J	**0.5** J		**0.2** JQM		**0.3** JQM		
Trichloroethene	5						**1.0**	**1.2**	**2.0**								
Total VOCs		**2.5**	**4.7**	**3.6**	**4.5**	**6.8**	**6.7**	**6.5**	**7.7**	**6.0**	**2.7**	**1.4**	**1.6**	**1.7**	**3.2**	**0.8**	**2.1**
SVOC ppb or µg/L																	
2-Methylnaphthalene	4.7												**2.0** J				
Acenaphthalene	20												**2.0** J				
bis(2-Ethylhexyl)phthalate	50															**64.0** B	
Butylbenzyl phthalate	50															**0.6** J	
Dibenzofuran	NL												**3.0** J				
Fluoranthene	50							**2.0** J									
Fluorene	50												**3.0** J				
Isophorone	50																
Naphthalene	10												**3.0** J				
Total SVOCs		0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	64.6	0.0
Metals ppb or µg/L																	
Aluminum	NL			**89.0**	**94.0**	**196.0**	**187.0**	**R**	**38.7** B	**27.7** B	**140.0** B	**26.4** B	**64.7** BJ	**235.0** J	**41.7** B	**41.7** B	**125.0** B
Antimony	3											**2.7** B					
Arsenic	25														**3.6** B		
Barium	1,000							**54.2** B	**55.9** B	**63.7** B	**80.9** B	**89.3** B	**101.0** BJ	**117.0** B	**93.8** B	**104.0** B	**108.0** B
Beryllium	3																
Cadmium	5																
Chromium	50	**4.0**						**7.0** B	**5.6** B		**4.9** B	**1.8** B	**2.3** BJ	**4.1** B	**2.4** B		**3.2** B
Cobalt	NL											**1.5** B	**4.4** BJ				
Copper	200	**19.0**	**4.0**					**1.2** B					**28.4** J	**1.0** B	**1.0** B		**12.9** B
Iron	300	**201.0**	**142.0**	**73.0**	**137.0**	**234.0**	**305.0**	**R**	**95.0** BE		**259.0**	**47.4** B	**79.2** BJ	**230.0** J	**98.6** B	**66.6** B	**R**
Lead	25	**2.0**				**2.0**	**1.0**	**R**					**R**			**2.0** B	
Manganese	300	**56.0**	**17.0**	**16.0**	**15.0**	**19.0**	**23.0**	**13.0** B	**13.4** BE	**13.8** B	**24.3**	**19.5**	**39.2** J	**23.9**	**17.3**	**20.2**	**20.1**
Mercury	2									**1.1**							
Nickel	NL	**31.0**	**15.0**	**14.0**				**8.5** B	**12.2** B			**3.8** B	**2.5** BJ	**8.0** B	**5.4** B		**4.4** B
Selenium	10																**5.7**
Silver	50															**R**	
Thallium	0.5																**2.1** B
Vanadium	NL																
Zinc	300	**24.0**	**19.0**	**16.0**				**R**	**R**	**12.0** JB		**11.0** B	**R**	**24.9** J	**R**	**12.5** B	**R**
Total Metals		**337**	**197**	**208**	**246**	**451**	**516**	**83.9**	**220.8**	**118.3**	**509.1**	**203.4**	**321.7**	**643.9**	**263.8**	**247**	**281.4**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-13D
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	1/12/99		11/16/99		8/8/00		3/21/01		6/19/01		10/16/01		12/11/01		4/2/02		12/3/02		3/24/03		8/5/03		11/8/04		6/22/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5	**0.6**		**0.6**	JQM	**0.5**	JQM	**0.8**	JQM	**0.8**	JQM	**0.8**	JQM	**0.9**	JQM	**1.6**				**1.5**		**1.4**		**1.4**		**1.8**									
1,1-Dichloroethane	5			**0.2**	JQM	**0.3**	JQM	**0.4**	JQM	**0.3**	JQM			**0.3**	JQM	**0.4**	JQM			**0.9**	JQM	**1**		**0.6**		**0.7**									
1,1-Dichloroethene	5							**0.3**		**0.3**	JQM					**0.6**	JQM			**0.8**		**0.8**		**0.8**		**0.7**							
2-Butanone	NL																			**0.5**	JQM												
Acetone	50									**0.7**	JQM					**2.0**				**1.2**													
Carbon Disulfide	NL			**1.2**		**3.7**																											
Chloroform	7			**0.2**	JQM					**0.3**	JQM	**0.4**	JQM	**0.4**	JQM	**0.3**	JQM			**0.2**	JQM												
cis-1,2-Dichloroethene	5																																
m,p-Xylene	NL																																
Methyl tert-butyl ether	NL	**1.0**																															
Tetrachloroethene	5			**0.3**	JQM																												
Trichloroethene	5																																
Total VOCs		**1.6**		**2.5**		**4.5**		**1.5**		**2.4**		**1.2**		**1.6**		**4.9**		**0.0**		**5.1**		**3.2**		**2.8**		**3.2**		**0.0**		**0.0**		**0.0**	
SVOC ppb or µg/L																																	
2-Methylnaphthalene	4.7																																
Acenaphthalene	20																																
bis(2-Ethylhexyl)phthalate	50													**16**																			
Butylbenzyl phthalate	50																																
Dibenzofuran	NL																																
Fluoranthene	50																																
Fluorene	50																																
Isophorone	50																											**2.0**	**J**				
Naphthalene	10																																
Total SVOCs		0.0		0.0		0.0		0.0		0.0		0.0		16.0		0.0		0.0		0.0		0.0						2.0		0.0		0.0	
Metals ppb or µg/L																																	
Aluminum	NL	**26.6**	**B**					**33.6**	**B**	**309.0**	**J**	**74.5**	**BJ**	**225.0**				**142.0**	**B**	**209.0**								**53.0**	**BE**	**82**	**B**	**24.5**	**B**
Antimony	3																											ND		ND		**8.3**	**B**
Arsenic	25											**4.6**	**BJ**															ND		ND		ND	
Barium	1,000	**87.9**	**B**	**84.4**	**B**	**73.7**	**B**	**71.4**	**B**	**83.5**	**B**	**74.7**	**B**	**137.0**	**B**	**58.5**	**B**	**63.7**	**B**	**64.8**	**B**	**61.0**						**67.2**	**B**	**69.6**	**B**	**76.9**	**B**
Beryllium	3							**0.1**	**B**	**0.3**	**B**	**0.5**	**B**					**0.1**	**B**									ND		ND		ND	
Cadmium	5					**7.6**				**0.6**	**BJ**							**0.6**	**B**									**72.8**		**72.8**	**E**	**65.5**	
Chromium	50	**2.5**	**B**	**2.6**	**B**	**2.8**	**B**	**2.2**	**B**	**6.1**	**B**	**4.4**	**B**	**4.2**	**B**	**2.4**	**B**	**3.6**	**B**	**3.1**	**B**							**7.8**	**B**	**5**	**BE**	**1.7**	**B**
Cobalt	NL	**2.1**	**B**	**1.4**	**B**	**2.2**	**B**									**15.8**	**B**											**1.1**	**BE**	**0.81**	**B**	**0.87**	**B**
Copper	200	**13.6**	**B**							**10.9**	**B**		**R**															**32.9**		**19.6**	**B**	**15.3**	**B**
Iron	300	**0.0**	**R**	**45.0**	**B**		**R**	**42.6**	**B**		**R**	**166.0**	**J**	**286.0**				**129.0**		**183.0**								**746**	**NE**	**210**		**241**	
Lead	25										**R**		**R**															**0.8**	**B**	**1.7**	**B**	ND	
Manganese	300	**15.3**		**15.6**		**16.7**		**13.1**	**B**	**22.3**		**15.8**		**19.6**		**9.4**	**B**	**15.8**		**15.8**		**14.0**						**12**	**BE**	**5.9**	**B*E**	**6.3**	**B**
Mercury	2							**0.1**	**B**			**0.2**	**B**															ND		ND		ND	
Nickel	NL	**4.2**	**B**	**4.6**	**B**	**4.0**	**B**	**4.8**	**B**	**6.8**	**B**	**8.7**	**B**	**7.3**	**B**	**3.1**	**B**	**6.2**	**B**	**7.4**	**B**	**8.3**						**15.1**	**B**	**11.2**	**B**	**9.2**	**B**
Selenium	10			**2.9**	**B**									**4.7**	**J**	**2.5**	**J**											**3.3**	**B**	**2.2**	**B**	**10.7**	**B**
Silver	50			**0.4**	**B**							**1.5**	**B**															ND		ND		**1.4**	**B**
Thallium	0.5			**2.3**	**B**																							ND		ND		ND	
Vanadium	NL			**0.6**	**B**																							ND		**1.1**	**B**	ND	
Zinc	300		**R**				**R**	**6.8**	**B**		**R**		**R**			**6.8**	**B**	**8.2**	**B**	**9.0**	**B**							**72**	**E**	**74**		**67.2**	
Total Metals		**152.2**		**159.8**		**107**		**174.7**		**439.44**		**350.87**		**683.8**		**98.5**		**369.18**		**492.1**		**83.3**						**1084.73**		**556.11**		**528.87**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-14
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/6/94	3/10/95	9/29/95	12/5/95	7/10/96	10/15/96	1/15/97	5/28/97	7/15/97	10/7/97	1/14/98	4/8/98	7/15/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5				**0.6**		**1.0**	**0.6** JQM	**1.4**	**6.0**	**2.0**	**4.0**	**7.5**	**6.0**	**4.9**	**87.0**
1,1-Dichloroethane	5		**0.9**		**0.8**			**0.5** JQM	**1.0** JQM	**3.0**	**14.0**	**25.0**	**71.0**	**15.0**	**6.9**	**89**
1,1-Dichloroethene	5										**0.7** J		**0.7** JQM			**2.0**
1,4-Dichlorobenzene	5										**0.4** J		**0.2** JQM			
2-Butanone	NL										R					
2-Chlorotoluene	5															
Acetone	50										R		**0.6** JQM			
Benzene	1							**0.2** JQM								
Bromodichloromethane	50															
Carbon Disulfide	NL		**3.0**			**2.0** B		**0.3** JQM	**0.5** JQM							
Chlorodibromomethane	NL															
Chloroethane	5															**0.8**
Chloroform	7															
cis-1,2-Dichloroethene	5												**0.3** JQM			**0.5**
Dibromochloromethane	50															
Dichloromethane	NL															
m,p-Xylene	NL												**0.3** JQM			
Methyl tert-butyl ether	NL															**1.0**
Methylene Chloride	5															
Tetrachloroethene	5							**0.3** JQM	**0.2** JQM	**4.0**	**0.6** J	**0.7**	**0.6** JQM		**0.4** JQM	**0.6**
Toluene	5								**0.2** JQM			**1.3**				
Trichloroethene	5							**0.7** JQM	**2.6**			**0.7**	**0.8** JQM			**1.3**
Total VOCs		**0.0**	**3.9**	**0.0**	**1.4**	**2.0**	**1.0**	**2.6**	**5.9**	**13.0**	**17.7**	**31.7**	**82.0**	**21.0**	**12.2**	**182.2**
SVOC ppb or µg/L																
bis(2-Ethylhexyl)phthalate	50															
Di-n-butyl phthalate	50							**4** J								
Naphthalene	10												**0.5** J			
Phenanthrene	50												**1.0** J			
Phenol	1														**2.0** J	
Total SVOCs		0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	1.5	0.0	2.0	0.0
Metals ppb or µg/L																
Aluminum	NL		**1270.0**		**109.0**	**334.0**		R	**700.0**	**236.0** J	**197.0** B	**24.3** B	**52.2** BJ	**152.0** B	**79.1** B	**35.1** B
Antimony	3											**2.0** B				
Arsenic	25		**11.0**							**4.9** B	**2.4** B					
Barium	1,000							**33.6** B	**58.5** B	**50.3** B	**45.1** B	**46.8** B	**17.7** BJ	**63.5** B	**49.3** B	**60.6** B
Beryllium	3															
Cadmium	5								**1.2** B							
Chromium	50		**74.0**						**18.8** J			**1.1** B				
Cobalt	NL							**1.3** B	**2.6** B	**1.4** B		**1.5** B			**1.4** B	
Copper	200		**106.0**	**4.0**				**3.2** B	**24.4** B	**34.5**	**11.3** B	**2.0** B	**321.0** J	**8.8** B	**7.9** B	
Iron	300	**3460.0**	**6310.0**	**3280.0**	**13200.0**	**37000.0**	**7620.0**	**10900.0**	**66100.0** EJ	**36300.0**	**30300.0**	**6690.0**	**1330.0** J	**33000.0** J	**11900.0**	**5690.0**
Lead	25	**2.0**	**9.0**		**1.0**	**18.0**	**2.0**	**0.0**	**4.2**	**4.4**			R			**2.6** B
Manganese	300	**327.0**	**1970.0**	**83.0**	**57.0**	**1140.0**	**904.0**	**1040.0**	**772.0** EJ	**857.0**	**757.0**	**917.0**	**194.0** J	**330.0**	**359.0**	**676.0**
Mercury	2															
Nickel	NL		**59.0**	**18.0**		**12.0**		**4.6** B	**24.9** B	**5.5** B		**4.4** B	**8.3** BJ	**2.7** B	**3.8** B	
Selenium	10															
Silver	50															R
Thallium	0.5							**5.5** B	**5.0** B					**5.1** B		
Vanadium	NL							**2.8** B	**4.7** B	**2.0** B				**1.4** B		
Zinc	300	**7.0**	**155.0**	**5.0**				R		**20.3** J		**5.1** B	R	**16.0** B		R **2.9** B
Total Metals		**3796**	**9964**	**3390**	**13367**	**38504**	**8526**	**11991**	**67716.3**	**37516.3**	**31312.8**	**7694.2**	**1923.2**	**33579.5**	**12400.5**	**6467.2**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-14
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/21/98		1/12/99		11/16/99		8/8/00		3/26/01		6/19/01		10/16/01		12/11/01		4/2/02		12/3/02		3/24/03		8/5/03		11/8/04		6/22/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																			
1,1,1-Trichloroethane	5	**58.0**		**5.1**		**0.5**	JQM	**4.3**		**0.4**	JQM			**0.4**	JQM	**0.6**	JQM					**0.6**	JQM	**0.6**													
1,1-Dichloroethane	5	**60**		**4.7**		**0.9**	JQM	**6.1**		**0.8**	JQM			**0.9**	JQM	**2.4**		**0.5**	JQM			**2.8**		**3.4**				**0.5**									
1,1-Dichloroethene	5	**1.1**																																	
1,4-Dichlorobenzene	5																					**0.7**	JQM												
2-Butanone	NL																					**0.5**	JQM												
2-Chlorotoluene	5																					**0.3**	JQM												
Acetone	50							**0.4**	JQM			**1.1**				**0.5**	JQM	**3.4**				**1.8**				**1.4**								**6.0**	
Benzene	1																																		
Bromodichloromethane	50					**0.6**	JQM	**0.3**	JQM																												
Carbon Disulfide	NL	**1.2**				**2.2**		**1.0**	JQM																												
Chlorodibromomethane	NL					**0.5**	JQM																												
Chloroethane	5																																		
Chloroform	7					**1.0**		**1.4**																											
cis-1,2-Dichloroethene	5	**0.6**								**0.3**	JQM											**2.4**		**4.7**											
Dibromochloromethane	50							**0.5**	JQM																										
Dichloromethane	NL	**0.7**																																	
m,p-Xylene	NL																																		
Methyl tert-butyl ether	NL			**0.8**																															
Methylene Chloride	5											**0.5**	JQM																						
Tetrachloroethene	5															**0.3**	JQM					**0.2**	JQM												
Toluene	5																																		
Trichloroethene	5	**0.8**																						**1.6**											
Total VOCs		**122.4**		**10.6**		**5.7**		**14.0**		**1.5**		**1.6**		**1.3**		**3.8**		**3.9**		**0.0**		**9.3**		**10.3**		**1.4**		**0.5**		**0.0**		**0.0**		**6.0**	
SVOC ppb or µg/L																																			
bis(2-Ethylhexyl)phthalate	50															**0.8**	**J**															**2**	**J**		
Di-n-butyl phthalate	50																																		
Naphthalene	10																																		
Phenanthrene	50																																		
Phenol	1																																		
Total SVOCs		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.8		0.0		0.0		0.0		0.0						0.0		2.0		0.0	
Metals ppb or µg/L																																			
Aluminum	NL	**115.0**	**B**	**13.9**	**B**					**1100.0**		**157.0**	**B**	**107.0**	**BJ**			**159.0**	**B**	**418.0**		**198.0**	**B**	**340.0**						**334.0**	**E**	**154**	**B**	**1,040**	
Antimony	3																													ND		ND		**15.7**	**B**
Arsenic	25													**6.6**	**BJ**															ND		**11.4**	**B**	ND	
Barium	1,000	**47.5**	**B**	**33.6**	**B**	**16.8**	**B**	**24.7**	**B**	**64.0**		**69.4**	**B**	**43.1**	**BJ**			**37.4**	**B**	**106.0**	**B**	**84.3**	**B**	**70.0**						**15.9**	**B**	**35.1**	**B**	**78.7**	**B**
Beryllium	3											**0.4**	**B**	**0.5**																ND		ND		ND	
Cadmium	5					**0.4**	**B**	**5.3**																						**0.9**	**B**	**0.21**	**BE**	**2.7**	**B**
Chromium	50			**1.0**	**B**							**6.3**	**B**	**3.9**	**B**			**1.3**	**B**	**2.3**	**B**									**1.7**	**B**	**1.4**	**BE**	**2.9**	**B**
Cobalt	NL			**1.5**	**B**	**1.0**	**B**	**2.5**	**B**			**1.2**	**B**									**3.7**	**B**							**1.0**	**BE**	ND		**4.6**	**B**
Copper	200	**20.9**	**B**	**15.7**	**B**			**2.1**	**B**	**15.0**		**10.4**	**B**		**R**	**5.2**	**B**	**7.4**	**B**		**R**	**2.3**	**B**	**12.0**						**12.8**	**B**	ND		ND	
Iron	300	**36500.0**		**1830.0**		**890.0**		**8080.0**		**71000.0**		**4720.0**	**J**	**16900.0**	**J**	**20200.0**		**19900.0**		**80800.0**		**19100.0**		**58000.0**						**27,100**	**NE**	**48,000**		**296,000**	
Lead	25												**R**		**R**															**2.6**	**B**	**4.3**	**B**	**12.7**	
Manganese	300	**733.0**		**514.0**		**222.0**		**103.0**		**250.0**		**308.0**		**93.6**		**130.0**		**80.7**		**269.0**		**123.0**		**260.0**						**287**	**E**	**910**	***E**	**1,290**	
Mercury	2									**4.1**	**QH**																			ND		ND		**0.052**	**B**
Nickel	NL	**4.2**	**B**	**3.2**	**B**			**2.1**	**B**	**5.4**		**8.7**	**B**	**2.9**	**B**	**3.9**	**B**			**3.8**	**B**	**4.0**	**B**	**5.7**						**6.1**	**B**	**3**	**B**	**13.3**	**B**
Selenium	10															**4.7**	**J**	**2.5**	**J**	**5.6**										ND		ND		**41.2**	
Silver	50											**0.8**	**B**	**2.3**	**B**															ND		**3.5**	**B**	ND	
Thallium	0.5					**2.7**	**B**							**7.7**	**B**															ND		**2.6**	**B**	**64.8**	
Vanadium	NL													**1.1**	**B**					**1.8**	**B**									**2.2**	**B**	**9.8**	**B**	**4.5**	**B**
Zinc	300		**R**		**R**				**BR**	**11.0**	**QB**		**R**		**R**			**5.1**	**B**	**8.4**	**B**									**29**	**BE**	**42**	**B**	**60.8**	
Total Metals		**37420.6**		**2412.9**		**1132.9**		**8219.7**		**72449.5**		**5282.25**		**17168.73**		**20343.8**		**20193.4**		**81614.9**		**19515.3**		**58687.7**						**27793.4**		**49176.9**		**298632**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-15
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/15/94	3/10/95	9/29/95	12/5/95	7/11/96	10/16/96	1/16/97	5/28/97	7/15/97	10/7/97	1/14/98	4/9/98	7/15/98
VOC ppb or µg/L																
1,1,1,2-tetrachloroethane																
1,1,1-Trichloroethane	5		**1.0**	**0.6**		**1.0**	**10.0**	**4.6**	**13.0**	**6.0**	**4.0**	**4.3**	**14.0**	**4.5**	**4.4**	**3.2**
1,1-Dichloroethane	5	**2.0**	**1.0**	**0.8**	**3.0**	**2.0**	**20.0**	**18.0**	**33.0**	**14.0**	**9.0**	**6.1**	**12.0**	**4.2**	**3.1**	**3.4**
1,1-Dichloroethene	5							**0.2** JQM	**0.4** JQM				**0.3** JQM			
1,4-Dichlorobenzene	5							**0.5** JQM								
2-Butanone	NL							**0.4** JQM			**R**					
2-Chlorotoluene	5							**0.3** JQM								
4-Chloro-3-Methylphenol	NL															
Acetone	50										**R**					
Bromodichloromethane	50															
Carbon Disulfide	NL					**9.0** B			**0.2** J							
Chloroethane	5	**4.0**							**0.3** JQM							
Chloroform	7															
cis-1,2-Dichloroethene	5				**1.0**		**3.0**	**0.3** JQM	**0.2** JQM							
Dibromochloromethane	50															
Methylene Chloride	5															
Meth Tert Butyl Ether																
Tetrachloroethene	5						**0.5**	**0.4** JQM	**0.6** JQM	**0.7** J	**0.4** J		**0.3** JQM			
Toluene	5								**0.2** JQM							
Trichloroethene	5							**1.4**	**2.7**							
Total VOCs		**6.0**	**2.0**	**1.4**	**4.0**	**12.0**	**33.5**	**26.1**	**50.6**	**20.7**	**13.4**	**10.4**	**26.6**	**8.7**	**7.5**	**6.6**
SVOC ppb or µg/L																
Benzo(b)fluoranthene	0.002															
bis(2-Ethylhexyl)phthalate	50															**22.0**
Butylbenzyl phthalate	50															
Diethylphthalate	50															**0.6** J
Di-n-butyl phthalate	50															**1.0** J
Di-n-octyl phthalate	50															
Phenanthrene	50												**0.6** J			
Total SVOCs		0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	23.6
Metals ppb or µg/L																
Aluminum	NL		**4830.0**			**330.0**		**1210.0**	**23.5** B	**6.2** B			**25.6** BJ	**8.5** B	**60.8** B	
Antimony	3											**2.6** B				
Arsenic	25															
Barium	1,000							**40.5** B	**35.5** B	**27.6** B	**18.9** B	**20.4** B	**21.6** BJ	**15.5** B	**15.0** B	**24.5** B
Beryllium	3															
Cadmium	5													**0.5** B		
Chromium	50		**64.0**					**50.3**	**11.0** J				**6.6** BJ	**1.9** B	**2.7** B	
Cobalt	NL							**2.1** B	**1.1** B				**3.2** BJ			
Copper	200	**6.0**	**13.0**					**6.5** B					**6.5** BJ		**2.7** B	
Iron	300	**101.0**	**7330.0**	**2870.0**	**36.0**	**877.0**	**251.0**	**3030.0**	**133.0** EJ		**54.9** B	**30.2** B	**62.0** BJ	**10.5** B	**70.2** B	
Lead	25		**2.0**	**14.0**		**3.0**		**R**					**R**			
Manganese	300	**4250.0**	**1700.0**	**1650.0**	**2580.0**	**1680.0**	**2250.0**	**1290.0**	**1680.0** EJ	**2520.0**	**732.0**	**948.0**	**782.0** J	**47.7**	**46.5**	**408.0**
Mercury	2				**25.0**											
Nickel	NL	**27.0**	**45.0**			**15.0**	**25.0**	**59.3**	**15.9** B			**1.5** B	**2.5** BJ	**1.5** B	**2.9** B	**0.0**
Selenium	10															
Silver	50															**R**
Thallium	0.5							**5.6** B	**5.3** B							
Vanadium	NL							**2.8** B								
Zinc	300	**8.0**	**30.0**	**5.0**				**R**	**R**	**2.3** JB		**3.7** B	**R**	**11.2** B	**R**	
Total Metals		**4392**	**14014**	**4539**	**2641**	**2905**	**2526**	**5697.1**	**1905.3**	**2556.1**	**805.8**	**1006.4**	**910.01**	**96.8**	**201.3**	**432.5**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-15
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/21/98		1/13/99		11/16/99		8/9/00		3/26/01		6/20/01		10/17/01		12/12/01		4/3/02		12/4/02		3/24/03		8/6/03		11/8/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																			
1,1,1,2-tetrachloroethane																		4.1																	
1,1,1-Trichloroethane	5	**6.4**		**0.9**		**1.5**		**1.7**		**1.1**		**2.1**		**3.2**		**1.8**						**1.2**		**0.6**				**0.5**								
1,1-Dichloroethane	5	**8.3**		**1.2**		**1.8**		**3.1**		**2.0**		**7.7**		**12.0**		**8.7**		**20.0**				**7.0**		**3.5**				**1.3**								
1,1-Dichloroethene	5																																		
1,4-Dichlorobenzene	5															**0.6**	JQM																		
2-Butanone	NL																																		
2-Chlorotoluene	5															**0.2**	JQM																		
4-Chloro-3-Methylphenol	NL															**10**	J																		
Acetone	50							**0.7**	JQM							**0.7**	JQM	**2.2**						**1.7**											
Bromodichloromethane	50	**0.8**		**2.7**		**2.1**																													
Carbon Disulfide	NL			**0.6**		**0.4**	JQM			**0.6**	JQM	**1.7**																							
Chloroethane	5																																		
Chloroform	7	**1.2**		**3.9**		**4.5**																													
cis-1,2-Dichloroethene	5															**1.4**		**0.3**	JQM			**1.1**						**0.5**							
Dibromochloromethane	50			**1.6**		**1.4**																													
Methylene Chloride	5											**0.5**	JQM																						
Meth Tert Butyl Ether																												**1.0**							
Tetrachloroethene	5							**0.2**	JQM			**0.3**	JQM	**0.6**	JQM	**0.4**	JQM	**0.2**	JQM																	
Toluene	5																																		
Trichloroethene	5													**0.4**	JQM	**0.3**	JQM	**0.3**	JQM			**0.4**	JQM												
Total VOCs		**16.7**		**10.9**		**11.7**		**5.7**		**3.7**		**12.3**		**16.2**		**24.1**		**27.1**		**0.0**		**9.7**		**5.8**		**0.0**		**3.4**		**0.0**		**0.0**		**0.0**	
SVOC ppb or µg/L																																			
Benzo(b)fluoranthene	0.002															**10**	J																		
bis(2-Ethylhexyl)phthalate	50																	**8.0**	J																
Butylbenzyl phthalate	50					**1.0**	J																												
Diethylphthalate	50																																		
Di-n-butyl phthalate	50			**3.0**	J																														
Di-n-octyl phthalate	50															**10**	J																		
Phenanthrene	50																																		
Total SVOCs		0.0		3.0		1.0		0.0		0.0		0.0		0.0		20.0		8.0		0.0		0.0		0.0						0.0		0.0		0.0	
Metals ppb or µg/L																																			
Aluminum	NL	**53.4**	**B**	**44.4**	**B**							**92.8**	**B**	**62.6**	**BJ**							**129.0**	**B**							**43.2**	**BE**	**199**	**B**	**37.9**	**B**
Antimony	3																													ND		ND		**9.6**	**B**
Arsenic	25													**5.0**	**BJ**															ND		**2**	**B**	**1.6**	**B**
Barium	1,000	**19.8**	**B**	**9.8**	**B**	**108.0**	**B**	**16.2**	**B**	**14.0**		**21.3**	**B**	**25.6**	**B**	**120.0**	**B**	**24.7**	**B**	**25.8**	**B**	**23.6**	**B**	**25.0**						**12.4**	**B**	**19.4**	**B**	**24.8**	**B**
Beryllium	3											**0.4**	**B**	**0.7**	**B**															ND		ND		ND	
Cadmium	5					**0.5**	**B**	**6.3**																						**4.1**	**B**	**0.85**	**B**	ND	
Chromium	50			**2.4**	**B**	**1.5**	**B**	**7.6**	**B**			**4.6**	**B**	**27.8**		**2.7**	**B**	**64.9**		**1.9**	**B**	**4.5**	**B**							**9.8**	**B**	**275**		**18.1**	**B**
Cobalt	NL					**1.2**	**B**					**0.7**	**B**																	**1.1**	**BE**	**2.6**	**B**	**1.3**	**B**
Copper	200	**11.3**	**B**	**14.2**	**B**							**11.9**	**B**		**R**															**9.5**	**B**	**10.5**	**B**	ND	
Iron	300				**R**	**35.3**	**B**		**R**				**R**		**R**			**470.0**				**44.7**	**B**							**276**	**NE**	**1,730**		**228**	
Lead	25	**352.0**		**1.2**	**B**	**1.4**	**B**						**R**	**4.1**	**J**			**2.2**	**B**											**2.3**	**B**	**2.6**	**B**	ND	
Manganese	300			**24.4**		**4.9**	**B**	**8.0**	**B**	**16.0**		**10.3**	**B**	**15.5**		**59.0**		**30.4**		**8.2**	**B**	**4.2**	**B**	**6.7**						**28**	**BE**	**175**		**19.3**	**B**
Mercury	2									**0.2**	**QH**																			ND		ND		ND	
Nickel	NL	**7.5**	**B**	**1.3**	**B**	**1.6**	**B**	**1.3**	**B**			**5.7**	**B**	**8.9**	**B**	**7.6**	**B**	**7.9**	**B**	**6.1**	**B**									**6.9**	**B**	**24.9**	**B**	**3**	**B**
Selenium	10															**4.7**	**J**													ND		ND		**19.6**	**B**
Silver	50					**0.6**	**B**							**1.2**	**B**															ND		ND		1.6	B
Thallium	0.5			**3.6**	**B**	**3.3**	**B**																							ND		ND		ND	
Vanadium	NL																													ND		**1.2**	**B**	ND	
Zinc	300		**R**		**R**				**R**				**R**		**R**					**2.2**	**B**									**20**	**BE**	**30**	**B**	**20.1**	**B**
Total Metals		**444**		**101.3**		**158.3**		**39.4**		**30.2**		**147.73**		**151.44**		**194**		**600.1**		**44.2**		**206**		**31.7**						**413**		**2472.85**		**384.9**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-16S
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94		9/8/94		12/15/94		3/10/95		9/29/95		12/5/95		7/11/96		10/16/96		1/16/97		5/28/97		7/15/97		10/7/97		1/14/98		4/9/98		7/15/98	
VOC ppb or µg/L																															
1,1,1-Trichloroethane	5	**4.0**								**0.6**		**0.7**		**0.2**		**1.3**		**2.0**		**8.0**		**2.2**		**0.9**	JQM						
1,1-Dichloroethane	5	**4.0**								**0.6**		**7.0**		**3.3**		**34.0**		**21.0**		**27****		**13.0**		**16.0**		**0.8**		**1.7**		**0.6**	
1,1-Dichloroethene	5															**0.3**	JQM			**0.4**											
2-Butanone	NL													**0.3**	JQM						**R**										
4-Chloro-3-Methylphenol	NL																														
Acetone	50	**54.0**																						**0.8**	JQM						
Bromoform	50																											**0.4**	JQM		
Carbon Disulfide	NL															**0.6**	JQM														
Chloroethane	5											**9.0**		**3.5**		**21.0**		**2.0**		**3.0**		**1.9**		**1.1**				**0.8**	JQM	**0.6**	
Chloroform	7																													**0.5**	
Chloromethane	NL													**0.3**	JQM	**1.0**	JQM							**0.2**	JQM			**0.3**	JQM		
cis-1,2-Dichloroethene	5																														
Isopropylbenzene	5															**0.3**	JQM														
Methyl tert-butyl ether	NL																													**0.7**	
Methylene Chloride	5																														
n-butylbenzene	5													**0.2**	JQM	**0.2**	JQM														
sec-butylbenzene	5											**0.6**		**1.0**		**1.1**						**1.1**		**1.0**		**0.9**		**1.0**	JQM	**1.4**	
Tetrachloroethene	5													**0.4**	JQM	**0.6**	JQM	**0.5**	**J**	**2.0**		**1.4**		**0.5**	JQM						
Trichloroethene	5													**1.9**		**4.1**						**1.4**		**1.1**		**0.7**		**0.3**	JQM		
Trichlorofluoromethane	5																														
Vinyl Chloride	2																														
Total VOCs		**62.0**		**0.0**		**0.0**		**0.0**		**1.2**		**17.3**		**11.1**		**64.5**		**25.5**		**13.4**		**21.0**		**21.6**		**2.4**		**4.5**		**3.8**	
SVOC ppb or µg/L																															
bis(2-Ethylhexyl)phthalate	50																														
Diethylphthalate	50																													**0.6**	**J**
Di-n-butyl phthalate	50																													**1.0**	**J**
Di-n-octyl phthalate	50																														
Fluoranthene	50																														
Phenol	1																											**1.0**	**J**		
Total SVOCs		0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		1.0		1.6	
Metals ppb or µg/L																															
Aluminum	NL									**83**					**R**	**41.1**	**B**			**418**				**71.4**	**BJ**	**47.1**	**B**	**21.5**	**B**		
Antimony	3																											**3.3**	**B**		
Arsenic	25																	**4.3**	**B**												
Barium	1,000													**27.7**		**61.1**	**B**	**52**	**B**	**43.6**	**B**	**46.9**	**B**	**63.6**	**BJ**	**47.5**	**B**	**44.9**	**B**	**59.9**	**B**
Beryllium	3																														
Cadmium	5																							**0.3**	**BJ**			**0.7**	**B**		
Chromium	50													**15.5**		**13**	**J**			**64.1**		**1**	**B**	**91**	**J**	**3.6**	**B**	**0.72**	**B**	**19.6**	
Cobalt	NL																	**2.2**	**B**			**1.8**	**B**	**3.8**	**BJ**	**2.5**	**B**	**3.8**	**B**		
Copper	200																			**8**	**B**			**71.6**	**J**	**1.4**	**B**	**12**	**B**		
Iron	300	**587**		**94**		**216**		**41**		**279**		**75**			**R**	**280**	**EJ**			**1200**		**23.5**	**B**	**697**	**J**	**653**	**J**	**181**		**503**	
Lead	25	**1**				**10**				**1**																**R**	**1.4**	**B**		**R**	**1.6**	**B**
Manganese	300	**852**		**185**		**161**		**93**		**25**		**14**		**22**		**21.6**	**EJ**	**36.3**		**1210**		**1690**		**1920**	**J**	**3830**		**4400**		**7090**	
Mercury	2																														
Nickel	NL											**19**		**11.4**	**B**	**16.2**	**B**	**0**		**13.7**	**B**	**3.9**	**B**	**31.5**	**BJ**	**4.2**	**B**	**3.7**	**B**	**55.9**	
Selenium	10																											**3.2**	**B**		
Silver	50																											**0.1**	**B**		**R**
Thallium	0.5																														
Vanadium	NL																														
Zinc	300	**11**		**10**											**R**		**R**	**2.7**	**JB**			**2.7**	**B**		**R**	**8.6**	**B**		**R**	**7.3**	**B**
Total Metals		**1451**		**289**		**387**		**134**		**388**		**108**		**76.6**		**433**		**97.5**		**2957.4**		**1769.8**		**2950.2**		**4599.3**		**4674.92**		**7737.3**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

J - estimated value

B - analyte found in associated method blank

E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-16S
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	10/21/98		1/13/99		11/17/99		8/9/00		3/26/01		6/20/01		10/17/01		12/12/01		4/3/02		12/4/02		3/24/03		8/6/03		11/9/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																			
1,1,1-Trichloroethane	5																					1.3		1.7		1.9									
1,1-Dichloroethane	5	2.9	J			2.7		3.1		2.4		6.4										14		30		1.6		2.6							
1,1-Dichloroethene	5																																		
2-Butanone	NL																																		
4-Chloro-3-Methylphenol	NL															10	J																		
Acetone	50							0.6	JQM			0.9	JQM			0.6	JQM	1.7								1.1									
Bromoform	50																																		
Carbon Disulfide	NL			0.8				1.6		0.4	JQM																								
Chloroethane	5	6.4	J			7.9		5.5		3.0		14										3.2		4		0.5		9.0							
Chloroform	7																																		
Chloromethane	NL																																		
cis-1,2-Dichloroethene	5																					0.3	JQM	0.7		0.5									
Isopropylbenzene	5																																		
Methyl tert-butyl ether	NL	2.7	J																													2.0	J		
Methylene Chloride	5											0.8	JQM																						
n-butylbenzene	5																																		
sec-butylbenzene	5	0.5	J			0.5	JQM	0.6	JQM			0.4	JQM	0.5	JQM	0.3	JQM					0.2	JQM	0.70											
Tetrachloroethene	5											0.4	JQM	8.2		1.5		0.3	JQM			0.2	JQM	1.9		4.4									
Trichloroethene	5							0.3	JQM	0.4	JQM													1.6		3.1									
Trichlorofluoromethane	5																					0.7	JQM												
Vinyl Chloride	2					0.4	JQM					0.7	JQM															0.7							
Total VOCs		12.5		0.8		11.5		11.7		6.2		23.6		8.7		12.4		2.0		0.0		19.9		40.6		13.1		12.3		0.0		2.0		0.0	
SVOC ppb or µg/L																																			
bis(2-Ethylhexyl)phthalate	50																	24.0	J																
Diethylphthalate	50																																		
Di-n-butyl phthalate	50							1.0	J							0.4	J																		
Di-n-octyl phthalate	50															0.3	J																		
Fluoranthene	50															10	J																		
Phenol	1																																		
Total SVOCs		0.0		0.0		0.0		1.0		0.0		0.0		0.0		10.7		24.0		0.0		0.0		0.0						0.0		0.0		0.0	
Metals ppb or µg/L																																			
Aluminum	NL	468	B	26.4	B							96.1	B	87.1	BJ							128	B							135	BE	69.2	B	51.6	B
Antimony	3					2.4	BJ																							ND		ND		1.2	B
Arsenic	25							4.1	B					6.6	BJ															ND		ND		ND	
Barium	1,000	46.5	B	13.7	B	25.5	BJ	29.4	B	43	B	94	B	59.3	B	156	B	17.9	B	92.6	B	45.6	B	95						46.1	B	18.7	B	18.2	B
Beryllium	3											0.42	B	0.82	B															ND		ND		ND	
Cadmium	5							5.3				0.71	B																	17.4		3	B	0.47	B
Chromium	50	10.5		5.4	B	5.7	B					13.7	J	297		359		33.2		1.3	B	3.2	B	7.6						31.3		117		95.7	
Cobalt	NL	2.8	B	1.3	B	2.9	B					17.4	B	10.1	B	7.5	B													2.3	BE	2.1	B	3.6	B
Copper	200	5.7	B	11.8	B	7.2	B	3	B			9.8	B	232		6.6	B													17.6	B	ND		ND	
Iron	300		R	0	R	131			R	460		1550	J	4670	J	2730		421				225		320						480	NE	433		587	
Lead	25			1.8	B	2.1	BJ						R	2.8	BJ															2.0	B	ND		ND	
Manganese	300	2180		453		829		22.8		3200		5760		3240		2930		769		116		56.9		220						251	E	108		173	
Mercury	2									0.2	QH			0.11	B															ND		0.1	B	ND	
Nickel	NL	16.7	B	2.1	B	14.9	B	2.6	B			11.5	B	22.3	B	19.1	B	3.4	B					5						28.6	B	47.7	B	37.9	B
Selenium	10																	2.5	J											ND		ND		12.7	B
Silver	50					1.5	B																							ND		ND		1.8	B
Thallium	0.5	5.2	B																											2.2	B	ND		ND	
Vanadium	NL					0.8	B																							0.5	B	0.8	B	1	B
Zinc	300		R		R		R		BR				R		R					8.3	B									67	E	18	B	17.4	B
Total Metals		2735.4		515.5		1023		67.2		3703.2		7553.63		8628.13		6208.2		1247		218.2		458.7		647.6						1080.82		818		1001.57	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Mw-16M
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/6/94	3/10/95	9/29/95	12/5/95	7/11/96	10/16/96	1/16/97	5/28/97	7/15/97	10/7/97	1/14/98	4/9/98	7/15/98	10/21/98
VOC ppb or µg/L																	
1,1,1-Trichloroethane	5	**25.0**	**20.0**		**0.6**			**0.3** JQM									
1,1-Dichloroethane	5	**32.0**	**22.0**				**1.0**	**42.0**									
1,1-Dichloroethene	5	**0.4**						**1.1**									
1,2-Dichlorobenzene	3							**0.5** JQM									
1,3-Dichlorobenzene	5							**0.4** JQM									
1,4-Dichlorobenzene	5							**0.7** JQM									
2-Butanone	NL							**0.3** JQM				R					
2-Chlorotoluene	5							**0.4** JQM									
4-Chloro-3-Methylphenol	NL																
Acetone	50		**34.0**									R					
Carbon Disulfide	NL								**0.2** JQM								
Chloroethane	5	**6.0**	**6.0**				**10.0**	**114.0**									
Chloroform	7								**0.2** JQM	**2.0**		**2.9**	**4.3**		**2.4**		**2.9**
cis-1,2-Dichloroethene	5							**5.5**									
Isopropylbenzene	5		**1.0**					**1.0** JQM									
Methyl tert-butyl ether	NL																**0.6**
Methylene Chloride	5							**0.2** JQM									
n-butylbenzene	5						**0.6**	**0.6** JQM									
sec-butylbenzene	5		**2.0**				**5.0**	**1.7**						**2.1**	**0.6** JQM	**1.4**	
tert-butylbenzene	5																
Tetrachloroethene	5	**0.6**		**0.5**	**0.7**												
Toluene	5																
Trichloroethene	5							**1.5**	**3.0**								
Total VOCs		**64.0**	**85.0**	**0.5**	**1.3**	**0.0**	**16.6**	**170.2**	**3.4**	**2.0**	**0.0**	**2.9**	**4.3**	**2.1**	**3.0**	**1.4**	**3.5**
SVOC ppb or µg/L																	
1,4-Dichlorobenzene	4.7														**2.0** J		
Benzo(b)fluoranthene	0.002																
bis(2-Ethylhexyl)phthalate	50																
Di-n-butyl phthalate	50															**0.6** J	
Di-n-octyl phthalate	50																
Naphthalene	10														**5.0** J		
Total SVOCs		0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.6	0.0
Metals ppb or µg/L																	
Aluminum	NL													**7.8** B			**59.9** B
Antimony	3											**2.9** B					
Arsenic	25									**4.9** B							
Barium	1,000							**78.8**	**83.9** B	**53.7** B	**51.4** B	**52.7** B	**63** BJ	**91.2** B	**66.5** B	**83.8** B	**83.2** B
Beryllium	3																
Cadmium	5							**1.1**									
Chromium	50							**5** B	**2.1** B			**1.4** B					
Cobalt	NL												**2** BJ	**1** B			
Copper	200	**17**	**5**										**3.8** BJ	**1.3** B	**1.6** B		**10.9** B
Iron	300	**1040**	**415**	**76**		**40**	**75**	R	**42.1** BE		**46.4** B	**29.6** B	**40.1** BJ		**19.6** B		
Lead	25	**4**	**2**		**1**	**22**							R			**1.5** B	
Manganese	300	**455**	**480**	**75**	**34**	**64**	**51**	**205**	**193** EJ	**194**	**139**	**75.1**	**122** J	**188**	**92.8**	**81.2**	**71.2**
Mercury	2																
Nickel	NL	**19**		**14**				**8.4** B	**8.6** B			**1.2** B		**2** B			**2** B
Selenium	10																
Silver	50															R	
Thallium	0.5																**0**
Vanadium	NL																
Zinc	300	**16**	**14**	**12**				R	R	**2.6** JB		**2.9** B	**0** R	**12.8** B	R	**4** B	R
Total Metals		**1551**	**916**	**177**	**35**	**126**	**126**	**298.3**	**329.7**	**255.2**	**236.8**	**165.8**	**230.9**	**304.1**	**180.5**	**170.5**	**227.2**

NOTES:

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1 Division of Water Technical and Operational Guidance Series

(TOGS) (1.1.1): Ambient Water Quality Standards and

Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	1/13/99		1/13/99		11/17/99		8/9/00		3/26/01		6/20/01		10/17/01		12/12/01		4/3/02		12/4/02		3/24/03		8/6/03		11/9/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5					**0.4**	JQM	**0.2**	JQM																								
1,1-Dichloroethane	5	**5.1**		**5.1**		**4.5**								**0.3**	JQM							**4.1**											
1,1-Dichloroethene	5																																
1,2-Dichlorobenzene	3																																
1,3-Dichlorobenzene	5																																
1,4-Dichlorobenzene	5																																
2-Butanone	NL									**0.7**	JQM																						
2-Chlorotoluene	5																																
4-Chloro-3-Methylphenol	NL															**10**	**J**																
Acetone	50							**0.7**	JQM	**2.0**	JQM	**1.7**				**0.7**	JQM	**2.5**															
Carbon Disulfide	NL					**2.4**		**2.3**						**1.2**																			
Chloroethane	5	**13.0**		**13.0**		**2.2**								**1.7**								**3.8**											
Chloroform	7	**1.7**		**1.5**		**4.7**		**0.6**	JQM					**1.5**		**4.8**		**1.7**				**0.2**	JQM					**0.9**					
cis-1,2-Dichloroethene	5	**1.0**		**1.0**		**0.4**	JQM															**0.3**	JQM										
Isopropylbenzene	5																																
Methyl tert-butyl ether	NL																									**0.6**				**2.0**	**J**		
Methylene Chloride	5																																
n-butylbenzene	5											**0.7**	JQM																				
sec-butylbenzene	5	**1.6**		**1.6**		**0.4**	JQM			**0.8**	JQM	**5.6**				**0.3**	JQM	**1.0**	JQM			**2.6**		**4.2**				**0.8**					
tert-butylbenzene	5																					**0.2**	JQM										
Tetrachloroethene	5																	**0.6**	JQM														
Toluene	5							**0.4**	JQM																								
Trichloroethene	5																																
Total VOCs		**22.4**		**22.2**		**15.0**		**4.2**		**3.5**		**8.0**		**4.7**		**15.8**		**5.8**		**0.0**		**11.2**		**4.2**		**0.6**		**1.7**		**0.0**		**2.0**		**0.0**	
SVOC ppb or µg/L																																	
1,4-Dichlorobenzene	4.7																																
Benzo(b)fluoranthene	0.002															**10**	**J**																
bis(2-Ethylhexyl)phthalate	50																													**2**	**JB**			**1**	**J**
Di-n-butyl phthalate	50																																
Di-n-octyl phthalate	50															**10**	**J**																
Naphthalene	10																																
Total SVOCs		0.0		0.0		0.0		0.0		0.0		0.0		0.0		20.0		0.0		0.0		0.0		0.0						2.0		0.0		1.0	
Metals ppb or µg/L																																	
Aluminum	NL	**130**	**B**	**130**	**B**							**152**	**B**	**56.3**	**BJ**							**143**	**B**							**203**	**E**	**94.2**	**B**	**55**	**B**
Antimony	3																													**1.3**	**B**	ND		**4.5**	**B**
Arsenic	25					**2.4**	**B**							**7.8**	**BJ**															ND		**2.2**	**B**	**4.7**	**B**
Barium	1,000	**73.5**	**B**	**73.5**	**B**	**60.9**	**B**	**87.5**	**B**	**160**		**231**		**91.1**	**BJ**	**189**	**B**	**62**	**B**	**42.1**	**B**	**81.7**	**B**	**77**						**97.9**	**B**	**93.6**	**B**	**97.5**	**B**
Beryllium	3											**0.66**	**B**	**0.84**	**B**															ND		ND		ND	
Cadmium	5							**9**				**0.93**	**B**																	**4.0**	**B**	**2.3**	**B**	**0.22**	**B**
Chromium	50	**3.3**	**B**	**3.3**	**B**	**1.6**	**B**					**7.3**	**B**	**0.79**	**B**			**7.1**	**B**	**1.6**	**B**									**25.4**		**45.9**		**10.3**	**B**
Cobalt	NL	**1.7**	**B**	**1.7**	**B**	**1.2**	**B**	**3.3**	**B**			**1.7**	**B**					**2**												**2.5**	**BE**	**8**	**B**	**2.6**	**B**
Copper	200	**16.2**	**B**	**16.2**	**B**							**12**	**B**	**255**																**26.6**	**B**	ND		ND	
Iron	300		**R**	**0**	**R**				**R**				**R**		**R**			**125**		**101**										**458**	**NE**	**814**		**375**	
Lead	25	**1.9**	**B**	**1.9**	**B**								**R**	**15.9**	**J**															**1.5**	**B**	**0.58**	**B**	ND	
Manganese	300	**88.1**		**88.1**		**131**		**275**		**150**		**251**		**137**		**55.2**		**158**		**83.2**		**104**		**59**						**34.0**	**BE**	**536**		**29**	**B**
Mercury	2									**0.2**	**QH**	**0.11**	**B**																	ND		ND		ND	
Nickel	NL	**2.5**	**B**	**2.5**	**B**			**2.9**	**B**			**7.8**	**B**	**3.5**	**B**					**3.1**	**B**									**12.4**	**B**	**46.9**	**B**	**27.9**	**B**
Selenium	10															**4.7**	**J**	**2.5**	**J**											ND		ND		**13.2**	**B**
Silver	50					**0.5**	**B**							**1.6**	**B**															ND		ND		**2.1**	**B**
Thallium	0.5	**3.5**	**B**	**3.5**	**B**																									**2.1**	**B**	**1.5**	**B**	ND	
Vanadium	NL																													**0.6**	**B**	**0.71**	**B**	ND	
Zinc	300		**R**		**R**				**BR**				**R**		**R**			7	**B**	**1.9**	**B**	**16.9**	**B**	**8.7**						**106**	**E**	**31**	**B**	**31.7**	**B**
Total Metals		**320.7**		**320.7**		**197.6**		**377.7**		**310.2**		**664.5**		**569.83**		**248.9**		**363.6**		**232.9**		**345.6**		**144.7**						**975.29**		**1676.69**		**653.72**	

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Sample Date	NYSAGWQS[1]	4/19/94	9/8/94	12/15/94	9/29/95	3/10/95	12/5/95	7/11/96	10/16/96	1/16/97	5/28/97	7/15/97	10/7/97	1/14/98	4/8/98	7/15/98	10/21/98
VOC ppb or µg/L																	
1,1,1-Trichloroethane	5																
1,1-Dichloroethane	5								**2.0**								
2-Butanone	NL										**R**						
4-Chloro-3-Methylphenol	NL																
Acetone	50										**R**						
Bromoform	50																
Carbon Disulfide	NL				**0.5** **B**												
Chloroethane	5								**2.1**								
Chloroform	7							**0.2** JQM	**0.7** JQM	**0.4** **J**			**0.3** JQM		**0.5** JQM	**0.6**	**0.8**
Hexachlorobutadiene	0.5																
Methyl tert-butyl ether	NL															**1.1**	**2.0**
Methylene Chloride	5																
Tetrachloroethene	5		**1.0**														
Trichloroethene	5							**1.6**	**3.5**								
Total VOCs		**0.0**	**1.0**	**0.0**	**0.5**	**0.0**	**0.0**	**1.8**	**8.3**	**0.4**	**0.0**	**0.0**	**0.3**	**0.0**	**0.5**	**1.7**	**2.8**
SVOC ppb or µg/L																	
Benzo(b)fluoranthene	0.002																
bis(2-Ethylhexyl)phthalate	50																
Diethylphthalate	50															**0.8** **J**	
Di-n-butyl phthalate	50															**1.0** **J**	
Di-n-octyl phthalate	50																
Phenol	1														**2.0** **J**		
Total SVOCs		0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.8	0.0
Metals ppb or µg/L																	
Aluminum	NL		**611**						**R** **78** **B**	**24.5** **B**	**48.2** **B**	**33** **B**	**32.5** **BJ**	**166** **B**	**75.8** **B**	**115** **B**	**87.7** **B**
Antimony	3											**2.5** **B**					
Arsenic	25									**4.6** **B**	**2.6** **B**						
Barium	1,000							**75.7** **B**	**74.7** **B**	**62.4** **B**	**52.8** **B**	**62.3** **B**	**69.3** **BJ**	**71.4** **B**	**60.9** **B**	**62** **B**	**69.3** **B**
Beryllium	3																
Cadmium	5							**1.2** **B**					**0.6** **BJ**	**1.5** **B**	**1.5** **B**		**1.2** **B**
Chromium	50							**1.5** **B**	**16** **B**			**2.4** **B**			**0.67** **B**		
Cobalt	NL												**2.5** **BJ**				
Copper	200	**8**	**6**						**2.9** **B**		**0**	**0**	**23.1** **BJ**	**1** **B**	**2** **B**		**18.1** **B**
Iron	300	**67**	**563**	**120**	**48**	**29**	**62**		**R** **170** **EJ**		**102**	**35.1** **B**	**48.7** **BJ**	**111** **J**	**101**	**119**	**R**
Lead	25	**2**	**2**	**1**	**1**				**1.2** **B**				**R**			**1.4** **B**	
Manganese	300	**18**	**31**	**321**	**1020**	**941**	**406**	**525**	**324** **EJ**	**106**	**92.1**	**123**	**129** **J**	**457**	**582**	**583**	**498**
Mercury	2																
Nickel	NL			**14**				**3.2** **B**	**18.7** **B**			**2.2** **B**		**4.2** **B**	**4.4** **B**		**4** **B**
Selenium	10																
Silver	50															**R**	
Thallium	0.5							**4**									
Vanadium	NL																
Zinc	300	**29**	**23**	**11**	**109**		**81**		**R**	**R** **84.5**		**85.4**	**121** **J**	**90.5** **J**		**R** **67.4**	**R**
Total Metals		**124**	**1236**	**467**	**1178**	**970**	**549**	**610.6**	**685.5**	**282**	**297.7**	**345.9**	**426.7**	**902.6**	**828.27**	**947.8**	**678.3**

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1 Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

Sample Date	NYSAGWQS[1]	1/13/99		1/13/99		11/17/99		8/9/00		3/26/01		6/20/01		10/17/01		12/12/01		4/3/02		12/4/02		3/24/03		8/6/03		11/9/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5					**0.3**	JQM	**0.5**	JQM	**0.4**	JQM	**0.5**	JQM	**0.4**	JQM							**0.9**	JQM	**0.6**											
1,1-Dichloroethane	5																																
2-Butanone	NL																					**0.3**	JQM										
4-Chloro-3-Methylphenol	NL															**10**	J																
Acetone	50							**0.7**	JQM			**0.9**	JQM			**1.5**		**1.5**				**0.8**	JQM	**2**									
Bromoform	50									**0.9**	JQM																						
Carbon Disulfide	NL																																
Chloroethane	5																																
Chloroform	7	**0.5**		**0.5**		**0.4**	JQM	**0.7**	JQM			**0.8**	JQM	**0.8**	JQM	**0.8**	JQM	**0.4**	JQM			**0.7**	JQM			**0.5**								
Hexachlorobutadiene	0.5																													**1.0**	J		
Methyl tert-butyl ether	NL	**0.5**		**0.5**																						**1.3**		**0.9**					
Methylene Chloride	5											**0.7**	JQM																				
Tetrachloroethene	5																																
Trichloroethene	5																																
Total VOCs		**1.0**		**1.0**		**0.7**		**1.9**		**1.3**		**2.9**		**1.2**		**12.3**		**1.9**		**0.0**		**2.7**		**2.6**		**1.8**		**0.9**		**0.0**		**1.0**		**0.0**	
SVOC ppb or µg/L																																	
Benzo(b)fluoranthene	0.002															**10**	J																
bis(2-Ethylhexyl)phthalate	50																													**190**	DB			**2**	J
Diethylphthalate	50																																
Di-n-butyl phthalate	50																																
Di-n-octyl phthalate	50															**10**	J																
Phenol	1																																
Total SVOCs		0.0		0.0		0.0		0.0		0.0		0.0		0.0		20.0		0.0		0.0		0.0		0.0						190.0		0.0		2.0	
Metals ppb or µg/L																																	
Aluminum	NL	**113**	B	**113**	B	**0**						**181**	B	**57.7**	BJ					**35.6**	B	**136**	B							**29.0**	BE	**97.3**	B	**45.2**	B
Antimony	3					**3.2**	BJ																							ND		ND		**2.5**	B
Arsenic	25													**5.8**	BJ															ND		ND		**1.6**	B
Barium	1,000	**65.3**	B	**65.3**	B	**54.6**	BJ	**57**	B	**67**		**77.5**	B	**715**	B	**166**	B	**64.9**	B	**59.1**	B	**57.3**	B	**59**						**51.9**	B	**48.3**	B	**45.6**	B
Beryllium	3											**0.48**	B	**0.88**	B															ND		ND		ND	
Cadmium	5	**1.4**	B	**1.4**	B	**1**	B	**7.8**				**2.6**	BJ	**2**	B	**2.3**	B	**1.3**	B			**1.7**	B							**23.4**		**11.8**	E	**5.1**	
Chromium	50	**2.8**	B	**2.8**	B	**3**	B					**7.1**	B	**1.1**	B					**1.5**	B									**34.6**		**41.6**	E	**44.9**	
Cobalt	NL	**1.1**	B	**1.1**	B	**2.8**	B	**2.4**	B																					1.3	BE	**0.87**	B	**1.4**	B
Copper	200	**13.1**	B	**13.1**	B	**1.8**	B					**11.8**	B	**219**						**1.5**	B									**17.0**	B	ND		ND	
Iron	300		R		R	**28.2**	B		R				R					**15.6**	B	**26.3**	B									**262**	NE	**232**		**234**	
Lead	25												R																	**2.5**	B	**1.2**	B	**0.88**	B
Manganese	300	**384**		**384**		**184**		**238**		**320**		**362**		**510**		**569**		**519**		**510**		**500**		**580**						**60.7**	E	**196**	*E	**51.6**	
Mercury	2									**0.2**	QH			**0.33**																ND		ND		ND	
Nickel	NL	**3.4**	B	**3.4**	B	**3.6**	B	**4**	B			**11.8**	B	**6.4**	B	**7.1**	B	**3.1**	B	**3.3**	B									**10.6**	B	**11.3**	B	**6.7**	B
Selenium	10					**0**										**4.7**	J	**2.5**	J											ND		ND		**9.5**	B
Silver	50					**1.9**	B																							ND		ND		**1.8**	B
Thallium	0.5	**5.5**	B	**5.5**	B	**4.4**	B																							ND		ND		ND	
Vanadium	NL					**1.4**	B																							ND		**0.89**	B	ND	
Zinc	300		R		R		R		R	**27**	QB		R		R	**25.2**		**22.7**		**22.1**	J	**19.7**	B	**21**						**61**	E	**40**	B	**20.5**	B
Total Metals		**589.6**		**589.6**		**289.9**		**309.2**		**414.2**		**654.28**		**1518.21**		**774.3**		**629.1**		**659.4**		**714.7**		**660**						**554.4**		**681.46**		**471.28**	

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

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E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

Shading and Italics - Result is above the NYSDEC AWQS.

1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-17
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	9/8/94	12/15/94	3/10/95	9/29/95	12/5/95	7/11/96	10/16/96	1/16/97	5/29/97	7/16/97	10/8/97	1/15/98	4/9/98	7/16/98	10/22/98
VOC ppb or µg/L																
1,1,1-Trichloroethane	5			**19.0**												
1,2,3-Trichlorobenzene	5															
4-Chloro-3-Methylphenol	NL															
Acetone	50									R		**0.7** JQM				
Bromomethane	5												**0.7**			
Carbon Disulfide	NL															
Hexachlorobutadiene	0.5															
Hexachloroethane	5											**18.0**				
m,p-Xylene	NL						**0.3** JQM									
Methyl tert-butyl ether	NL														**4.3** J	
Methylene Chloride	5			**12.0**												
Tetrachloroethene	5			**7.0**												
Toluene	5						**0.4** JQM									
Trichloroethene	5			**16.0**			**1.6**	**2.6**								
Total VOCs		**0.0**	**0.0**	**54.0**	**0.0**	**0.0**	**2.3**	**2.6**	**0.0**	**0.0**	**0.0**	**18.7**	**0.7**	**0.0**	**4.3**	**0.0**
SVOC ppb or µg/L																
Benzo(b)fluoranthene	0.002															
bis(2-Ethylhexyl)phthalate	50															
Di-n-butyl phthalate	50															
Total SVOCs		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Metals ppb or µg/L																
Aluminum	NL	**465**						R **19.7** B	**27.8** B		**60** B	**40.4** B	**51** B			**50.1** B	
Antimony	3							**4** B			**5.2** B					
Arsenic	25									**5** B					**1.8** B	**6.2** B
Barium	1,000						**34.4** B	**21.8** B	**18.4** B	**23.7** B	**30.3** B	**28.4** B	**22.2** B	**17.1** B	**21.4** B	**28.3** B
Beryllium	3															
Cadmium	5															
Chromium	50	**75**					**1.3** B	**10.6** J			**1.9** B		**1.8** B	**1.6** B		
Cobalt	NL										**1.7** B	**2.5** B				
Copper	200	**8**	**5**				**3.2** B	**3** B	**2.7** B	**3.7** B	**3.4** B	**6.6** B	**2** B	**4** B		**5** B
Iron	300	**1450**			**59**	**62**	R **66.3**	BE		**56.2** B	**86.1** B	**54** B		**17.2** B		
Lead	25	**5**			**2**		R						R		**1.1** B	
Manganese	300	**238**	**170**		**44**	**406**	**2.2** B	**10.8** BE		**3.9** B	**7.2** B	**100**	**33.1**	**1.8** B	**16.1**	**250**
Mercury	2															
Nickel	NL						**2** B	**5.21** B			**2.4** B	**3.5** B	**5** B	**2.9** B		**2.6** B
Selenium	10															
Silver	50															
Thallium	0.5									**3** B						
Vanadium	NL										**1.5** B				**4.2** B	**2.4** B
Zinc	300	**23**	**5**			**81**		R	R		**2.5** B		R **6** B		R **5.4** B	R
Total Metals		**2264**	**180**	**0**	**105**	**549**	**43.1**	**141.41**	**48.9**	**95.5**	**202.2**	**235.4**	**121.1**	**44.6**	**50**	**344.6**

NOTES:

Results in parts per billion (ppb) or micrograms per liter (ug/l)

U - not detected above instrument detection limit

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E - value exceeds calibration range

BOLD FONT- Compound was detected above instrument detection limit

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1 Division of Water Technical and Operational Guidance Series
(TOGS) (1.1.1): Ambient Water Quality Standards and
Guidance Values and Groundwater Effluent Limitations

NA - Not Analyzed

MW-17
SMS Instruments Inc.
Deer Park, NY

Sample Date	NYSAGWQS[1]	1/13/99		11/17/99		8/9/00		3/20/01		6/25/01		10/17/01		12/12/01		4/3/02		12/4/02		3/24/03		8/6/03		11/9/04		6/23/05		2/10/06		9/12/06		8/14/07	
VOC ppb or µg/L																																	
1,1,1-Trichloroethane	5																																
1,2,3-Trichlorobenzene	5																													**1.0**	**J**		
4-Chloro-3-Methylphenol	NL													**10**	**J**																		
Acetone	50			**4.2**	**JQM**	**0.7**	**JQM**	**1.0**	**JQM**					**0.7**	**JQM**	**1.4**				**0.9**	**JQM**			**2.0**										
Bromomethane	5																																
Carbon Disulfide	NL			**0.3**	**JQM**					**1**																							
Hexachlorobutadiene	0.5																													**2.0**	**J**		
Hexachloroethane	5																																
m,p-Xylene	NL																																
Methyl tert-butyl ether	NL	**1.1**																															
Methylene Chloride	5			**0.2**	**JQM**					**0.6**	**JQM**																						
Tetrachloroethene	5																																
Toluene	5																																
Trichloroethene	5																																
Total VOCs		**1.1**		**4.7**		**0.7**		**1.0**		**1.6**		**0.0**		**10.7**		**1.4**		**0.0**		**0.9**		**0.0**		**2.0**		**0.0**		**0.0**		**3.0**		**0.0**	
SVOC ppb or µg/L																																	
Benzo(b)fluoranthene	0.002													**10**	**J**																		
bis(2-Ethylhexyl)phthalate	50																													**1**	**J**		
Di-n-butyl phthalate	50													**10**	**J**																		
Total SVOCs		0.0		0.0		0.0		0.0		0.0		0.0		**20.0**		0.0		0.0		0.0		0.0						0.0		**1.0**		0.0	
Metals ppb or µg/L																																	
Aluminum	NL	**25.9**	**B**					**20.4**	**B**	**106**	**B**	**34.4**	**BJ**							**134**	**B**							**72.0**	**BE**	**34.3**	**B**	**19.6**	**B**
Antimony	3																											**2.6**	**B**	**2.3**	**B**	**10**	**B**
Arsenic	25			**3.2**	**B**					**5.5**	**BJ**	**9.5**	**BJ**			**5.1**	**B**											ND		ND		**3.7**	**B**
Barium	1,000	**24.7**	**B**	**20.7**	**B**	**58.6**	**B**	**22.6**	**B**	**26**	**B**	**37.2**	**BJ**	**135**	**B**	**38.3**	**B**	**24.3**	**B**	**24.2**	**B**	**23**						**22.8**	**B**	**28.4**	**B**	**29.1**	**B**
Beryllium	3							**0.2**	**B**	**0.51**	**B**																	ND		ND		ND	
Cadmium	5			**0.3**	**B**	**6.4**																						**3.1**	**B**	**0.65**	**B**	**0.16**	**B**
Chromium	50																											**14.8**	**B**	**11.3**	**B**	**9**	**B**
Cobalt	NL			**0.6**	**B**	**3.8**	**B**																					**1.6**	**BE**	**1.1**	**B**	**2**	**B**
Copper	200	**11.8**	**B**	**1.6**	**B**			**1.4**	**B**	**15.8**	**B**	**43.8**		**2.1**	**B**	**4**	**B**	**2.5**	**B**									**12.7**	**B**	**7.1**	**B**	ND	
Iron	300		**R**	**136**			**R**	**291**		**191**	**J**		**R**	**72.4**	**B**	**700**		**130**		**66**	**B**							**645**	**NE**	**284**		**220**	
Lead	25	**2.4**	**B**								**R**	**4.5**	**J**															1.3	B	ND		ND	
Manganese	300	**34.8**		**272**		**981**		**98**		**21.1**		**146**		**133**		**169**		**48.7**		**14.5**	**B**	**21**						**77.9**	**E**	**109**		**113**	
Mercury	2															**0.11**	**B**											0.1	B	ND		ND	
Nickel	NL	**2.1**	**B**	**9.9**	**B**	**2.8**	**B**	**2.8**	**B**	**4**	**B**	**10.1**	**B**	**7.3**	**B**	**5.4**	**B**	**3**	**B**									**15.6**	**B**	**5.7**	**B**	**2.8**	**B**
Selenium	10			**2.5**	**B**							**4.8**	**B**			**2.5**	**J**											ND		ND		**13.6**	**B**
Silver	50																											ND		ND		2.1	B
Thallium	0.5	**5.3**	**B**	**2.7**	**B**																							ND		ND		ND	
Vanadium	NL	**1.5**	**B**	**1.6**	**B**			**1.7**	**B**			**2.7**	**B**	**2.1**	**B**	**1.7**	**B**	**2.8**	**B**									**2.1**	**B**	**2.4**	**B**	**1.7**	**B**
Zinc	300		**R**				**BR**			**17.3**	**B**		**R**					**2**	**B**									**43**	**BE**	**19**	**B**	**18.8**	**B**
Total Metals		**108.5**		**451.1**		**1052.6**		**438.1**		**387.21**		**293**		**351.9**		**926.11**		**213.3**		**238.7**		**44**						**915.04**		**504.85**		**445.56**	

NOTES:

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E - value exceeds calibration range

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NA - Not Analyzed

Sample Location		EW-1		EW-2	
Sample Date	NYSAGWQS[1]	2/9/06		2/23/06	
Matrix		water	water	water	water
VOC ppb					
Vinyl Chloride	2	ND U	ND	ND U	NA
Acetone	50	ND U	ND	ND U	NA
Methyl tert-butyl ether	NC	ND U	NA	ND U	NA
1,1-Dichloroethane	5	ND U	NA	ND U	NA
cis-1,2-Dichloroethene	5	ND U	ND	ND U	NA
1,1,1-Trichloroethane	5	ND U	NA	ND U	NA
Chlorobenzene	5	**32.0**	NA	ND U	NA
Ethylbenzene	5	**1.0** J	NA	ND U	NA
m,p-Xylene	NC	**5.0**	NA	ND U	NA
Xylene (Total)	5	**5.0**	NA	ND U	NA
Isopropylbenzene	5	ND U	NA	ND U	NA
1,3,5-Trimethylbenzene	5	ND U	NA	ND U	NA
1,2,4-Trimethylbenzene	5	ND U	NA	ND U	NA
1,3-Dichlorobenzene	5	ND U	NA	ND U	NA
1,4-Dichlorobenzene	5	ND U	NA	ND U	NA
1,2-Dichlorobenzene	3	ND U	ND	ND U	NA
1,2,4-Trichlorobenzene	5	ND U	NA	ND U	NA
Hexachlorobutadiene	0.5	ND U	NA	ND U	NA
Naphthalene	10	ND U	NA	ND U	NA
1,2,3-Trichlorobenzene	5	ND U	NA	ND U	NA
1,1-Dichloroethene	5		NA		NA
Carbon Disulfide			NA		NA
2-Butanone			NA		NA
Bromomethane			NA		NA
Bromoform			NA		NA
Chloroform			NA		NA
Toluene			NA		NA
Trichloroethene			NA		NA
Tetrachloroethene			NA		NA
1,1,2-Trichloroethane			NA		NA
Methylene Chloride			NA		NA
1,2-Dibromo-3-Chloropropane					
Vinyl Acetate					
SVOC ppb					
Phenol	1	ND	NA	ND	NA
1,3-Dichlorobenzene	5	ND	NA	ND	NA
1,4-Dichlorobenzene	4.7	ND	NA	ND	NA
Isophorone	50	ND	NA	ND	NA
2,4-Dimethylphenol	50	ND	NA	ND	NA
Naphthalene	10	ND	NA	ND	NA
Phenanthrene	50	ND	NA	ND	NA
Di-n-butyl phthalate	50	ND	NA	ND	NA
Fluoranthene	50	ND	NA	ND	NA
Pyrene	50	ND	NA	ND	NA
Butylbenzyl phthalate	50	ND	NA	ND	NA
Benzo(a)anthracene	0.002	ND	NA	ND	NA
Chrysene	0.002	ND	NA	ND	NA
bis(2-Ethylhexyl)phthalate	50	**83.0 B**	NA	**1 J**	NA
Benzo(b)fluoranthene	0.002	ND	NA	ND	NA
Benzo(k)fluoranthene	0.002	ND	NA	ND	NA
Benzo(a)pyrene	0.002	ND	NA	ND	NA
Indeno(1,2,3-cd)pyrene	0.002	ND	NA	ND	NA
Benzo(g,h,i)perylene	5	ND	NA	ND	NA
Metals ppb					
Aluminum	NL	**28.8 BE**	NA	**77 B**	NA
Antimony	3	ND	NA	**4 B**	NA
Arsenic	25	ND	NA	**2 B**	NA
Barium	1,000	**34.1 B**	NA	**88 B**	NA
Beryllium	3	ND	NA	**0 B**	NA
Cadmium	5	**1.0 B**	NA	ND	NA
Calcium	NL	**13,300 E**	NA	**22,400**	NA
Chromium	50	**3.4 B**	NA	**8 B**	NA
Cobalt	NL	**4.4 BE**	NA	**1 B**	NA
Copper	200	**8.9 B**	NA	**5 B**	NA
Iron	300	**3,650 NE**	NA	**2,670**	NA
Lead	25	**0.9 B**	NA	**4 B**	NA
Magnesium	35,000	**2,000 E**	NA	**3,780**	NA
Manganese	300	**684 E**	NA	**200**	NA
Mercury	2	ND	NA	ND	NA
Nickel	NL	**4.3 B**	NA	**9 B**	NA
Potassium	NL	**2,810**	NA	**9,610**	NA
Selenium	10	**3.3 B**	NA	**2 B**	NA
Silver	50	ND	NA	**2 B**	NA
Sodium	20,000	**17,300 E**	NA	**18,400**	NA
Thallium	0.5	**4.3 B**	NA	**3 B**	NA
Vanadium	NL	**0.9 B**	NA	ND	NA
Zinc	300	**53 E**	NA	**126**	NA

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NA - Not Analyzed

APPENDIX B

IC/EC Certification Forms

APPENDIX C

Outline and Checklist for PRR