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Pinellas County, Florida, Site Environmental Restoration Project

Sitewide Environmental Monitoring Semiannual Progress Report for the Young - Rainey STAR Center

December 2012 Through May 2013

June 2013

U.S. DEPARTMENT OF ENERGY | Legacy Management

Contents

Figures

Tables

Plates

Appendix

Abbreviations

cDCE	*cis*-1,2-dichloroethene
CMIP	Corrective Measures Implementation Plan
CMS	Corrective Measures Study
CMT	continuous multichannel tubing
COPC	contaminant of potential concern
CTL	cleanup target level
1,1-DCE	1,1-dichloroethene
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
F.A.C.	*Florida Administrative Code*
FDEP	Florida Department of Environmental Protection
ft	feet (foot)
HSWA	Hazardous and Solid Waste Amendments
IC	Institutional Control
IWNF	industrial wastewater neutralization facility
LDA	large-diameter auger
LM	Office of Legacy Management
MCL	maximum contaminant level
µg/L	micrograms per liter
NAPL	nonaqueous phase liquid
POTW	Publicly Owned Treatment Works
QA/QC	quality assurance/quality control
RBCA	Risk-Based Corrective Action
RCRA	Resource Conservation and Recovery Act
RFA	RCRA Facility Assessment
RPD	relative percent difference
SEEPro	Site Environmental Evaluation for Projects
STAR Center	Young - Rainey Science, Technology, and Research Center
SWMU	solid-waste management unit
TCE	trichloroethene

TCOPCs	total contaminants of potential concern
tDCE	*trans*-1,2-dichloroethene
VC	vinyl chloride
WWNA	Wastewater Neutralization Area/Building 200 Area

1.0 Introduction

The Young - Rainey Science, Technology, and Research Center (STAR Center) at the Pinellas County, Florida, Site is a former U.S. Department of Energy (DOE) facility constructed in the mid-1950s. The 99-acre STAR Center is located in Largo, Florida, and lies in the northeast quarter of Section 13, Township 30 South, Range 15 East (Figure 1). While it was owned by DOE, the facility primarily manufactured neutron generators for nuclear weapons. Other products manufactured at the STAR Center have included radioisotope-powered thermoelectric generators, thermal batteries, specialty capacitors, crystal resonators, neutron detectors, lightning-arrestor connectors, and vacuum-switch tubes. In 1987, the U.S. Environmental Protection Agency (EPA) performed a Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) (EPA 1988) at the site to gather information on potential releases of hazardous materials. In February of 1990, EPA issued a Hazardous and Solid Waste Amendments (HSWA) permit to DOE, enabling DOE to investigate and perform remediation activities in those areas designated as solid-waste management units (SWMUs) contaminated by hazardous materials resulting from DOE operations.

On March 17, 1995, DOE sold the facility to the Pinellas County Industrial Council. The sales contract included clauses to ensure continued compliance with federal, state, and local regulations while DOE remediates the site. On July 1, 1999, the Pinellas County Industrial Council was disestablished, and ownership of the STAR Center changed to the Pinellas County Industrial Development Authority. In November 2000, the State of Florida received HSWA authorization from EPA. The Florida Department of Environmental Protection (FDEP) issued a new HSWA permit to DOE in January 2002. The permit was reissued on August 21, 2007, and was modified under the provisions of Section 403.722, Florida Statutes, and Chapters 62-4, 62-160, 62-730, 62-777, and 62-780, *Florida Administrative Code* (F.A.C.), to incorporate the Global Risk-Based Corrective Action (RBCA) regulations. The permit was revised and reissued again on January 9, 2012.

The administration of DOE activities at the facility is the responsibility of the DOE Office of Legacy Management (LM) in Grand Junction, Colorado. S.M. Stoller Corporation, a prime contractor to LM, provides technical support to DOE for remediation and closure of all active SWMUs onsite.

The EPA RFA Report and the HSWA permit identified 15 sites at the former DOE facility that might have environmental contamination as a result of past activities. Upon completion of the RCRA Facility Investigation (DOE 1991a), 11 of the 15 SWMUs were recommended by DOE and approved by EPA Region 4 and FDEP for no further action (DOE 1994). A twelfth site, the Former Pistol Range Site, was remediated in 1993; it was recommended by DOE, and approved by EPA Region 4 and FDEP, for no further action.

Two additional SWMUs, the West Fenceline Site and the Wastewater Neutralization Area/ Building 200 Area (WWNA), were identified after the HSWA permit was issued, bringing the total to 17 SWMUs that have been identified and investigated at the STAR Center. The remediation of the West Fenceline Site was completed in 1997, and DOE recommended—and EPA Region 4 and FDEP approved—no further action, for a total of 13 SWMUs remediated. A Corrective Measures Study (CMS)/Corrective Measures Implementation Plan (CMIP) was

prepared and submitted in 1997 to EPA Region 4 and FDEP to address the contamination at the WWNA.

Therefore, four active SWMUs currently exist at the STAR Center. These four SWMUs are the Old Drum Storage Site (PIN06), the Industrial Drain Leaks/Building 100 Area (PIN12), the Northeast Site (PIN15), and the WWNA (PIN18). Two SWMUs, PIN06 and PIN12, are collectively known as the Building 100 Area. Figure 2 depicts the location of the four SWMUs.

DOE plans to proceed with closure of the WWNA under RBCA Risk Management Option II and to apply the default poor quality arsenic cleanup target level (CTL) of 100 micrograms per liter (µg/L) to onsite groundwater. Closure monitoring was completed in October 2006. A No Further Action with Controls proposal for the site was approved by FDEP in May 2007. Acceptance of this closure proposal by FDEP indicates that both soil and groundwater cleanup are complete. Closure of the site can be finalized once Institutional Controls (ICs) are implemented.

DOE is working with the landowner (Pinellas County Industrial Development Authority) to establish ICs at the STAR Center. Once ICs are in place, there will be no potential for current or future exposure to contaminated groundwater. ICs will need to be established and approved by FDEP before a formal No Further Action determination can be made. Currently, DOE is working with the STAR Center to develop a covenant that incorporates the ICs that will then become part of DOE's Long-Term Surveillance and Maintenance Plan at this site.

Additional background information relative to each SWMU is briefly described below. This document serves as the semiannual progress report for each of these four SWMUs. The results of recent monitoring activities and a summary of ongoing and projected work are provided in this report.

1.1 Building 100 Area

The Building 100 Area is made up of two SWMUs: the Industrial Drain Leaks/Building 100 (PIN12) and the Old Drum Storage Site (PIN06). The Old Drum Storage Site lies beneath and adjacent to the northwest corner of the main building that covers approximately 11 acres, located near the southeast corner of the STAR Center (Figure 2). Building 100 is the most notable feature of the STAR Center, having housed the majority of the laboratory and production facilities during DOE ownership of the facility. One source of contamination at the Building 100 Area is leaks from a liquid waste drain system composed of individual drainage systems previously used for health physics, chemical, sanitary, and storm-water systems. The drain systems were flushed, grouted, and abandoned by 1997, and some of the chemical drain systems were replaced by an aboveground system (DOE 1997a).

The Old Drum Storage Site is the former location of a concrete storage pad. This area was equipped with a drain and containment system and was once used to store hazardous waste. The waste stored at this location included methylene chloride, ignitable liquids, arsenic, and calcium chromate solids. Empty drums containing residual waste solvents also were stored in this area.

A RCRA Facility Investigation was conducted in 1991 at the Pinellas Plant to fulfill the requirements of the HSWA permit, and a RCRA Facility Investigation report was produced in 1991. A subsequent report addendum was completed in March 1992. Based on the findings in

these two documents, in accordance with the HWSA permit, EPA notified DOE of the requirement for a CMS for the Old Drum Storage Site and the Industrial Drain Leaks/ Building 100 SWMUs.

The CMS report for the Industrial Drain Leaks/Building 100 and the Old Drum Storage Site proposed remediation of these two SWMUs together (collectively referred to as the Building 100 Area). The report was submitted to EPA and was subsequently approved on June 9, 1994. FDEP approved the CMS report on January 18, 1995.

The CMS report concluded that pump-and-treat with the existing air-stripping system was the preferred corrective measure for the Building 100 Area. This conclusion was based on shallow monitoring-well data that suggested contamination was confined to shallow groundwater at the northwest corner of the building. However, that characterization was later found to be incomplete. Two recovery wells were installed at the northwest corner of the building in 1995. The *Building 100 Area Corrective Measures Implementation Plan* (DOE 1996a) describes the installation of the wells and the operations and monitoring plan.

These recovery wells, PIN12-RW01 and -RW02, extracted groundwater and pumped the water through secondary containment piping to the Northeast Site treatment system for pretreatment, air stripping, and discharge to the STAR Center industrial wastewater neutralization facility (IWNF) prior to transfer to the Publicly Owned Treatment Works (POTW). The Northeast Site treatment system was decommissioned in April 2004, so a smaller air-stripper treatment system was installed at the Northeast Site to treat the groundwater recovered via the two Building 100 Area recovery wells.

Subsequent to recovery well installation, additional investigations were conducted by installing monitoring wells at multiple depths both outside the building and through the floor of the building. In 1996, these investigations were summarized in the *Building 100 Area Data Report* (DOE 1996b) and the *Building 100 Area Subsurface Investigations, Phases I, II, and III* (DOE 1996c). Results of these investigations indicated that (1) significant contaminant concentrations were present at intermediate and deep depths under the building and (2) low levels of contamination were present at the south and east sides of the building. The *Building 100 Area Data Report* recommended that DOE continue operating the two recovery wells that were installed in accordance with the CMS/CMIP, conduct additional characterization under the building and east of the building, conduct additional contaminant transport modeling, and evaluate the potential for occurrence of dense nonaqueous phase liquids (NAPLs). These recommendations were addressed in the *Building 100 Area Corrective Measures Implementation Plan Addendum* (DOE 1998).

A pilot test study was conducted in 2003–2004 to determine the effectiveness of enhanced biodegradation for this site (DOE 2005). The pilot test results were positive, but the test did not result in significant elimination of vinyl chloride (VC) in low-concentration areas. Therefore, enhanced biodegradation technologies were not considered for use at the Building 100 Area at that time.

The *Building 100 Area Corrective Measures Study Report Addendum* (DOE 2006) was finalized in July 2006. The document concluded that DOE's original remediation objective of meeting maximum contaminant levels (MCLs) throughout the contaminant plume does not appear to be

reasonable given current knowledge of the site. At that time, it appeared that containment of the contaminant plume had been achieved, and it was determined that human health and the environment were protected.

The document proposed that ICs be placed on the site property to prevent inappropriate groundwater use, and that MCLs for site-related contaminants of potential concern (COPCs) be applied as groundwater cleanup goals outside the IC boundary. Because the two existing groundwater recovery wells did not contribute significantly to either contaminant plume containment or mass removal, DOE also proposed shutting down these wells and the associated treatment system. Operation of these recovery wells and the treatment system was terminated on August 21, 2006, with the approval of FDEP.

An interim remedial action using a single recovery well to collect hydraulic information began in July 2009 and ended in May 2011. Located in the south plume near the southern STAR Center property boundary, recovery well PIN12-RW03 had a radius of influence that likely captured the entire south plume as it exited the property. Operation of this recovery well ceased in May 2011 to allow treatment of the groundwater produced during the County's road work (discussed below).

Pinellas County Utilities started a major water line replacement effort along Belcher Road in October 2010, and Pinellas County Public Works started a significant road construction project along Belcher and Bryan Dairy Roads in October 2011. In July 2011, DOE began treating groundwater produced by dewatering conducted during these projects. Treatment ended in January 2012. The extracted groundwater was transported to an onsite air stripper for treatment, and the treated water was discharged to the STAR Center's IWNF and subsequently discharged to the POTW.

Prior to the start of the water line and road projects, DOE installed new monitoring wells at the property boundary along the two roads in October 2007 and in January and February 2008 to further define the contaminant plume. This investigation confirmed that the plume was offsite south of Bryan Dairy Road, on the county right-of-way. DOE performed the required notification to FDEP regarding the offsite plume.

Additional plume delineation was conducted on the property at 8040 Bryan Dairy Road by the installation of three continuous multichannel tubing (CMT) wells in September 2009 (PIN12-0567, -0568, and -0569). Contaminant concentrations exceeded CTLs in well PIN12-0569. DOE reported this discovery to FDEP and to the property owner in October 2009, in accordance with FDEP notification requirements. Two additional CMT wells were installed on this property in March 2010 (PIN12-0570 and -0571).

To further investigate the extent of the offsite contamination to the south of the STAR Center, plume delineation work was conducted at 10980 Belcher Road on August 16–30, 2010, using direct-push technology to collect groundwater samples from temporary locations. This property is located across Bryan Dairy Road immediately south of the Building 100 Area at the STAR Center. The results of this investigation indicated that the contaminant plume enters the 10980 Belcher Road property on the western side and extends southeastward (in the direction of groundwater flow) to the southern property boundary. DOE reported this discovery to FDEP and to the property owner in October 2010, in accordance with FDEP notification requirements. The

results of this investigation are reported in the *Building 100 Area Off-Site Plume Delineation South of Bryan Dairy Road, Data Report for Rally Stores Property* (DOE 2010a).

The results from that investigation suggested that the contaminant plume extended south onto property at 10950 Belcher Road. Plume delineation was conducted at this property on December 6–16, 2010, and April 4–6, 2011. Additional delineation was conducted in the median of Belcher Road just east of this property on January 24–28, 2011. The results of these investigations demonstrated that the contaminant plume extends in a southeasterly direction from the northern property boundary to the eastern property boundary, but not to the median of Belcher Road. The results of these investigations are reported in the *South Belcher Road Data Report* (Daniel 2011a) and the *Better Business Forms Data Report* (Daniel 2011b).

Delineation of the eastern plume at the Building 100 Area was conducted in May, June, August, and September 2011. This work identified a contaminant plume extending from under the eastern edge of Building 100, past the eastern STAR Center property boundary under Belcher Road, and onto 11111 Belcher Road. DOE made the required notification to FDEP regarding the offsite plume. 1,4-dioxane was measured at elevated concentrations during this work, and, as a result, was added as a COPC for the Building 100 Area in a letter from DOE to FDEP dated October 13, 2011 (DOE 2011). Additional delineation at 11111 Belcher Road in March and April 2012 defined the extent of the eastern contaminant plume, which appears to attenuate quickly after entering the property.

The *Building 100 Area Site Assessment Report* (DOE 2012a) summarizes the results of the plume delineation work conducted at the Building 100 Area and the adjacent private properties from 2007 to 2012. The action proposed in this document is to conduct plume stability monitoring of both the onsite and offsite plumes. The Plume Stability Monitoring Plan for the Building 100 Area is included in the Site Monitoring Plan, which is an Appendix to the *Long-Term Surveillance and Maintenance Plan for the Pinellas Site* (DOE 2012b). Plume stability monitoring began with the March 2013 sampling event.

1.2 Northeast Site

The Northeast Site is located in the northeast corner of the STAR Center (Figure 2). In the late 1960s, before construction of the East Pond in 1968, drums of waste and construction debris were disposed of in the swampy area of the Northeast Site. In 1986, an expansion of the East Pond was initiated to create additional storm-water retention capacity, but excavation activities ceased when contamination was detected directly west of the pond. EPA identified the Northeast Site as a SWMU (EPA 1992). An Interim CMS (DOE 1991b) was developed and submitted to EPA, and approval of this document was received in October 1991.

An interim groundwater recovery system for the Northeast Site was installed, and operation commenced in January 1992. The groundwater treatment system, as initially installed, consisted of four recovery wells equipped with pneumatic pumps, a holding tank, centrifugal transfer pumps, and approximately 2,500 feet (ft) of transfer and secondary containment piping. During 1993, DOE proposed a reconfigured system for the site consisting of four shallow and three deep recovery wells. After EPA approved the upgrade, the system was reconfigured and became operational on March 1, 1994.

Between August and October 1995, a portion of the Northeast Site was excavated to remove debris, drums of waste, and other materials that could inhibit future corrective measures. Location of the areas of excavation was based primarily on the results of a geophysical survey and knowledge of existing utility locations. Detailed descriptions of the debris removal activities were submitted to EPA and FDEP as part of the *Northeast Site Interim Measures Quarterly Progress Report* (DOE 1996d).

In 1996, DOE submitted the *Northeast Site Corrective Measures Implementation Plan* (DOE 1996e) to EPA Region 4 and FDEP. This plan was approved by both regulatory agencies in 1997. As part of the Northeast Site CMS and CMIP, a pump-and-treat system in conjunction with a subsurface hydrogeologic barrier wall to prevent migration of the contaminant plume was identified as the best available technology. The pump-and-treat system included a pretreatment system for iron removal, an air stripper unit, and a tank for holding treated groundwater before discharge to the STAR Center IWNF prior to transfer to the POTW. The treatment system was constructed in early 1997 and became operational by July 1997, processing groundwater from seven Northeast Site recovery wells and two Building 100 Area recovery wells. Subsequently, several additional recovery wells were installed at the Northeast Site, and some of the old recovery wells were abandoned.

During 1997, anaerobic bioremediation and rotary steam-stripping pilot tests were conducted in the northern and southern portions of the Northeast Site, respectively. These tests were designed by the Innovative Treatment Remediation Demonstration group of regulatory and industry members to provide remedial options at the STAR Center. At the conclusion of the field tests in July 1997, pump-and-treat technology resumed at the Northeast Site.

NAPLs were identified in a few monitoring and recovery wells in 1998. An *Interim Measures Work Plan for Remediation of Non-Aqueous Phase Liquids at the Northeast Site* (DOE 2001) was submitted to FDEP in late November 2001. The purpose of this document was to present the plan to remediate NAPLs at two areas (NAPL Areas A and B) of the Northeast Site using a thermal remediation method. FDEP approved this document on January 10, 2002.

Construction of the NAPL Area A treatment system began in late May 2002, and system startup occurred on September 26, 2002. NAPL treatment was completed on February 28, 2003. The *Northeast Site Area A NAPL Remediation Final Report* (DOE 2003) describes the thermal remediation of Area A.

Construction of the NAPL Area B treatment system began in July 2004 and was completed in early August 2005, and operations began on August 16, 2005. NAPL treatment was completed on August 29, 2006. The *Final Report Northeast Site Area B NAPL Remediation Project at the Young - Rainey STAR Center, Largo, Pinellas County, Florida* (DOE 2007) describes Area B remediation.

Monitoring wells were installed at the former NAPL areas to monitor the remaining dissolved-phase plumes. Groundwater samples from a few of the wells continued to show high concentrations of contaminants. Soil samples were collected from 12 soil borings in August 2007 to evaluate the potential for a contaminant source remaining in the subsurface at these locations. Results indicated high contaminant concentrations in soil at most of these borings, so a second phase of sampling was conducted in March and April 2008, during which samples were collected

from 45 soil borings. Ten additional borings were sampled in May and 11 more were sampled in June. These 78 soil borings defined two areas containing a source of contamination.

To address this contamination source, DOE prepared an interim remedial action plan for soil excavation using the large-diameter auger (LDA) method in accordance with the RBCA regulations and submitted the document to FDEP in August 2008. This plan was approved on August 22, 2008. An engineering design was developed, and a source removal subcontract was awarded in 2008. Source removal in the form of LDA excavation began on January 14, 2009, and was completed on May 22, 2009. Two hundred forty-three large-diameter and 352 small-diameter borings were completed. Approximately 8,387 cubic yards of soil were excavated, including 4,667 cubic yards removed as clean overburden and 3,720 cubic yards of contaminated soils that were removed, characterized for waste disposal, and disposed of as nonhazardous waste at a RCRA Subtitle D landfill. Additional information regarding the Northeast Site LDA work is available in the *Data Report for Overburden Soil at the Northeast Site and the 4.5 Acre Site* (DOE 2009a) and the *Interim Remedial Action for Source Removal at the Northeast Site Final Report* (DOE 2009b).

As a follow-up to the LDA work, emulsified soybean oil and the *Dehalococcoides ethenogenes* microorganism were injected into the subsurface at 75 points at the site in January and February 2010. The *Injection of Emulsified Soybean Oil at the Northeast Site and 4.5 Acre Site* (DOE 2010b) was prepared to describe the work required for this task. This project has resulted in a significant decrease in contaminant mass and concentration around the former contaminant source areas and in the downgradient contaminant plume.

With the completion of the LDA project to remove contaminant source material and the follow-up enhanced bioremediation project, DOE is proceeding to close the Northeast Site under the FDEP's RBCA rules (Chapter 62-780.680, F.A.C.). The *Closure Monitoring Plan for the Northeast Site and 4.5 Acre Site* (DOE 2009c) describes the closure monitoring that is necessary under RBCA, according to the requirements for Post Active Remediation Monitoring (Chapter 62-780.750, F.A.C.).

Closure monitoring was implemented starting with the September 2009 sampling event, and was completed in September 2012. COPCs concentrations decreased significantly over this time period. DOE submitted the *Site Rehabilitation Completion Report with No Further Action Proposal for the Northeast Site* (DOE 2013) to FDEP in May 2013. That document proposes a risk-based closure for the Northeast Site under the State's RBCA regulations.

1.3 WWNA

The WWNA (PIN18) includes the IWNF, the area south of the IWNF (including the parking lot), and Building 200 (Figure 2). In April 1993, the WWNA and the Building 200 Area were identified as potential SWMUs, and an RFA was conducted (EPA 1994). The RFA recommended that the WWNA and Building 200 be considered one SWMU, and this SWMU is now referred to as the WWNA. RFA field activities began in September 1994 and included soil characterization, monitoring well installation, and groundwater sampling. Arsenic was identified as the major COPC. Trichloroethene (TCE) and VC were detected at low concentrations in groundwater and were subsequently dismissed as COPCs once their concentrations decreased below cleanup levels.

A CMS/CMIP (DOE 1997b) was completed for this SWMU in 1997. The recommended remediation alternative for the WWNA was groundwater recovery with the Building 100 Area wells and an additional recovery well located in the WWNA. The CMIP recommended (1) that the recovery well in the WWNA withdraw surficial aquifer groundwater directly from the arsenic plume, thereby reducing contaminant mass and preventing contaminant migration, and (2) that the recovered water be discharged directly to the STAR Center's wastewater neutralization facility.

Because FDEP expressed concerns about elevated concentrations of arsenic in the soil, DOE conducted extensive sampling and analysis of soil in January and February 1999 in an effort to locate the source of arsenic contamination. Elevated levels of arsenic were identified at several locations and at various depths within the SWMU. A treatability study was conducted to determine the leachability of arsenic from the soil into the groundwater. The study concluded that arsenic leachability from the soil was very limited, as demonstrated by a measured average soil/water distribution coefficient of 63 liters per kilogram. DOE then conducted a statistical evaluation of arsenic soil data that resulted in the proposal to excavate two areas where the highest concentrations of arsenic were identified. Follow-up monitoring of strategically located wells would then determine whether arsenic concentrations in the groundwater decrease with time.

This proposal was approved by FDEP in September 1999. An excavation plan was developed to address logistics, sampling and analytical concerns, and waste management issues regarding the generation of contaminated media. This document and the statistical evaluation are included in the WWNA CMIP Addendum (DOE 2000). Excavation of the two areas was completed in early October 1999. Subsequently, the existing recovery well was abandoned, and two recovery wells were installed to continue plume control in the area. In addition, a third recovery well was created by converting the monitoring well with the highest arsenic concentration (PIN18-0501) to a recovery well.

On December 20, 2005, DOE received concurrence from FDEP to shut down the groundwater recovery system and begin monitoring to determine a closure approach through FDEP's RBCA regulations, promulgated by the Florida Legislature in 2003. The 1-year RBCA closure monitoring program specified by FDEP began in October 2005 and was completed in October 2006.

A No Further Action with Controls proposal was submitted to FDEP on March 14, 2007. FDEP approved the document on May 24, 2007, and requested that DOE submit an updated Statement of Basis for the WWNA. Submittal of the Statement of Basis is awaiting finalization of ICs at the STAR Center.

The goal of the 1999 soil excavation was to remove the areas containing the highest arsenic concentrations such that the remaining soils met the industrial CTL of 12 milligrams per kilogram. Soils containing arsenic concentrations above the residential CTL of 2.1 milligrams per kilogram were left in place because the current site use is solely industrial. After the No Further Action with Controls proposal was submitted in 2007, FDEP expressed concern about arsenic exceeding the residential standard in shallow soils (less than 2 ft deep). In response, DOE determined that a potential course of action was to identify the area where the residential arsenic

standard is exceeded and apply an IC that would prohibit future residential development in this area. Negotiations to apply the IC are ongoing.

1.4 Site Update

- FDEP verbally approved cessation of closure monitoring at the Northeast Site during a teleconference with DOE on January 17, 2013.
- The *Site Rehabilitation Completion Report with No Further Action Proposal for the Northeast Site* (DOE 2013) was submitted to FDEP in May 2013.
- Twenty-seven new monitoring wells (i.e., nine well triples) were installed at the Building 100 Area in February 2013 to facilitate plume stability monitoring.
- Twenty monitoring wells at the Building 100 Area and three monitoring wells at the WWNA were abandoned on April 22 and 23, 2013.
- The sitewide semiannual sampling was conducted March 4–14, 2013, and included collection of water samples from 100 monitoring wells. Water level measurements were obtained from all accessible monitoring wells, recovery wells, and ponds on March 5.
- The results of semiannual monitoring were reported (this document).

1.5 Waste Minimization

The following materials were recycled at the Pinellas site from December 2012 through May 2013:

- 31 pounds of paper
- 23 pounds of cardboard
- 7 pounds of plastic
- 43 pounds of magazines
- 1 pound of aluminum
- 16 pounds of batteries

2.0 Water-Level Elevations

Depth-to-water measurements were taken at all accessible monitoring wells, piezometers, and ponds (including two offsite ponds) at the STAR Center on March 5, 2013. The water levels were measured with an electronic water level indicator or directly from a staff gauge. Groundwater elevations are listed in Table 1.

2.1 Groundwater Flow

Groundwater and surface water elevations were used to construct sitewide groundwater contour maps of the shallow and deep surficial aquifers (Plates 1 and 2, respectively). Individual contour maps were also constructed for the shallow and deep surficial aquifers at the Building 100 Area (Figures 3 and 4).

For the past several years, shallow groundwater beneath Building 100 has been observed to flow to the southeast under a very slight gradient, and this flow pattern was observed again in March 2013 (Figure 3). A similar flow pattern was observed in the deep surficial aquifer (Figure 4). The hydraulic gradient in the Building 100 Area in March 2013 was about 0.002 ft/ft onsite and about 0.005 offsite. Based on calculations using Darcy's Law, along with approximations of 1 ft/day for hydraulic conductivity and 0.3 for effective porosity, groundwater velocity in this area is estimated to be about 2.4 to 6.1 ft/year.

An aquifer test conducted in July 2009 in the area around recovery well RW03 indicated that the hydraulic conductivity of the surficial aquifer around well RW03 might be higher than that observed in other parts of the STAR Center. Analysis of the aquifer test yielded an estimated hydraulic conductivity of 6.7 to 7.4 ft/day, which is higher than previous tests conducted in other areas of the STAR Center, where estimated hydraulic conductivities were closer to 1 ft/day.

Surface water elevations were recorded in March 2013 from the East, South, Southwest, and West Ponds; Pond 5; and the pond just east of Belcher Road (Table 2). All the ponds are hydraulically connected to the shallow surficial aquifer system (Plate 1).

3.0 Groundwater Sampling

3.1 Work Performed

During the annual sampling event at the STAR Center in March 2013, groundwater samples were collected from 100 monitoring wells at the Building 100 Area. Volatile organic compounds were analyzed in these samples using EPA SW-846 method 8260B, and 1,4-dioxane was analyzed in the same samples using EPA method 8260B SIM. Laboratory reports are provided in Appendix A. The analytical results are discussed in Section 4.

Figures 5–13 are plume maps for the Building 100 Area for March 2013. Figures 5 and 6 show the total COPCs (TCOPCs) concentrations. TCOPCs is the sum of the individual COPC concentrations for each well. The Building 100 Area COPCs are TCE, *cis*-1,2-dichloroethene (cDCE), *trans*-1,2-dichloroethene (tDCE), 1,1-dichloroethene (1,1-DCE), VC, and 1,4-dioxane. Figures 7–13 show the plumes for the individual COPCs; a plume map for tDCE is not shown because this COPC exceeded the CTL only in well 12-S35B.

All samples were collected in accordance with the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites* (LMS/PRO/S04351), using FDEP procedures. All samples were submitted to TestAmerica Laboratories Inc. in Denver, Colorado, for analysis. TestAmerica Denver is accredited by the Florida Department of Health in accordance with the National Environmental Laboratory Accreditation Conference (certification number E87667). All monitoring wells were micropurged using a dedicated bladder pump or a peristaltic pump. Sampling was performed when the field measurements stabilized, in accordance with FDEP procedures.

Table 3 lists field measurements of temperature, specific conductance, turbidity, pH, oxidation-reduction potential, and dissolved oxygen recorded at the time the samples were

collected. Measurements were made using a calibrated multiparameter meter with a flow cell, and turbidity was measured using a nephelometer.

3.2 Quality Assurance/Quality Control

The results from the analytical laboratory, TestAmerica Denver, were checked for quality assurance/quality control (QA/QC) through duplicate samples and trip blanks. The duplicate sample results were compared, and the relative percent differences (RPDs) between the results were calculated (Table 4).

trans-1,2-Dichloroethene in well PIN12-0580-2, VC in well PIN12-0582-2, and 1,1-dichloroethene in well PIN12-0587-2 all had RPD values that exceeded the EPA-recommended laboratory duplicate criterion of less than 20 RPD for results that are greater than 25 times the method detection limit. These results were "J" qualified as estimated values due to the poor RPD value.

Table 4 also lists analytes in the duplicate samples from wells 12-0581-2 and 12-0582-2 that did not have an RPD calculated because the results were less than 25 times the method detection limit. Some of these results show significant disagreement (e.g. 1,4-dioxane in well 12-0582-2). The poor precision of these results may be due to the fact that the laboratory diluted the original samples but not the duplicate samples.

These two wells were installed in February 2013 and sampled for the first time in March 2013, so historical data were not available to compare to the current results. A detailed review of the chromatograms and mass spectra in the lab reports for original and duplicate samples collected from these wells confirmed the presence of the detected analytes in the duplicate samples. This confirmation, in combination with the results from temporary sampling points nearby in 2011 (see Section 1.1), strongly suggested that the results for the duplicate samples were the most representative for these wells. Therefore, the results from the original samples were excluded and the results from the duplicate samples are reported in this document. This issue will be revisited after the second sampling event at these wells in September 2013.

As specified in the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites*, duplicate samples should be collected at a frequency of one duplicate for every 20 or fewer samples. For the STAR Center and the 4.5 Acre Site, 119 samples and 6 duplicates were collected for volatiles analysis and 100 samples and 5 duplicates were collected for 1,4-dioxane analysis. The duplicate requirements for this sampling event were met. Six trip blanks and two equipment blanks also were collected during this event.

A data validation software module for identifying and tracking anomalous groundwater data within the Site Environmental Evaluation for Projects (SEEPro) database was used to generate a report of analytical results that fall outside of historical minimum or maximum values. No anomalous results were identified.

4.0 Plume Stability Monitoring

The Plume Stability Monitoring Plan for the Building 100 Area is included in an appendix to the *Long-Term Surveillance and Maintenance Plan for the Pinellas Site* (DOE 2012b). This plan defines the strategy to determine the stability of the onsite and offsite plumes. The plume stability monitoring approach involves establishment of plume cross-sections using certain sets of wells and the determination of an area under the curve for each cross-section. The cross-section lines are shown on Figure 14.

The lateral cross-sections allow evaluation of the entire width of each plume as it emerges from under the building and at the site boundary; if the plume is expanding laterally (concentrations increasing at the sides of the plume), this will be seen as an increase in the area under the curve. The longitudinal cross-section in each plume will use wells in the centerline of the plume (the highest concentration area) to determine if the plume is expanding at its leading edge and if concentrations are decreasing, stable, or increasing in the plume centerline.

Each "data point" in the cross-sections is the location of a well triple (i.e., wells with three different screened intervals) or a well pair. The value plotted at each data point is the sum of COPC concentrations in all sampled intervals in the well pair or triple at that location. For example, in cross-section E1-E2, the northern data point will be the sum of TCE, cDCE, tDCE, 1,1-DCE, VC, and 1,4-dioxane concentrations measured in wells 12-0555A, 12-0555B, and 12-0555C.

For each sampling event, a "curve" will be plotted for each cross-section, and then the area under the curve will be calculated. The area under the curve values will be tracked from event to event, and a trend line will be fit to the data. The plume will be designated as unstable if an increasing trend is observed.

In addition to the plume stability monitoring scheme presented above, several wells that are not part of a cross-section will also be sampled to determine whether the plume is advancing at any of its boundaries (Figure 14). At each of these well locations, the COPC concentrations from all screened intervals will be summed, and the sum will be plotted. For example, for the well triple 0570 located on the Harrod property, the COPC concentrations in all three screened intervals (0570-1, -2, and -3) will be summed and plotted. A trend line will be fit to the plotted data and, as with the area under the curve values, the plume will be designated as unstable if an increasing trend is observed.

The March 2013 sampling event was the first plume stability monitoring event. The COPCs concentrations from each well are listed in Table 5. The sum of COPCs at each "data point" in each cross-section is listed in Table 6. Figures 15–20 show the curve plots for each cross-section. The area under the curve for each cross-section is listed in Table 7. The area under the curve value is calculated using a spreadsheet; it is not the sum of the COPCs in each cross-section. Because the March 2013 sampling event was the first plume stability monitoring event, the area under the curve values are not plotted because there is only one data point for each cross-section. The area under the curve values will be plotted after the second plume stability monitoring event in September 2013.

5.0 Upcoming Tasks

The following major tasks are planned for the next semiannual period (June through November 2013):

- Plume stability monitoring at the Building 100 Area will continue with the semiannual sampling event in September 2013.

6.0 References

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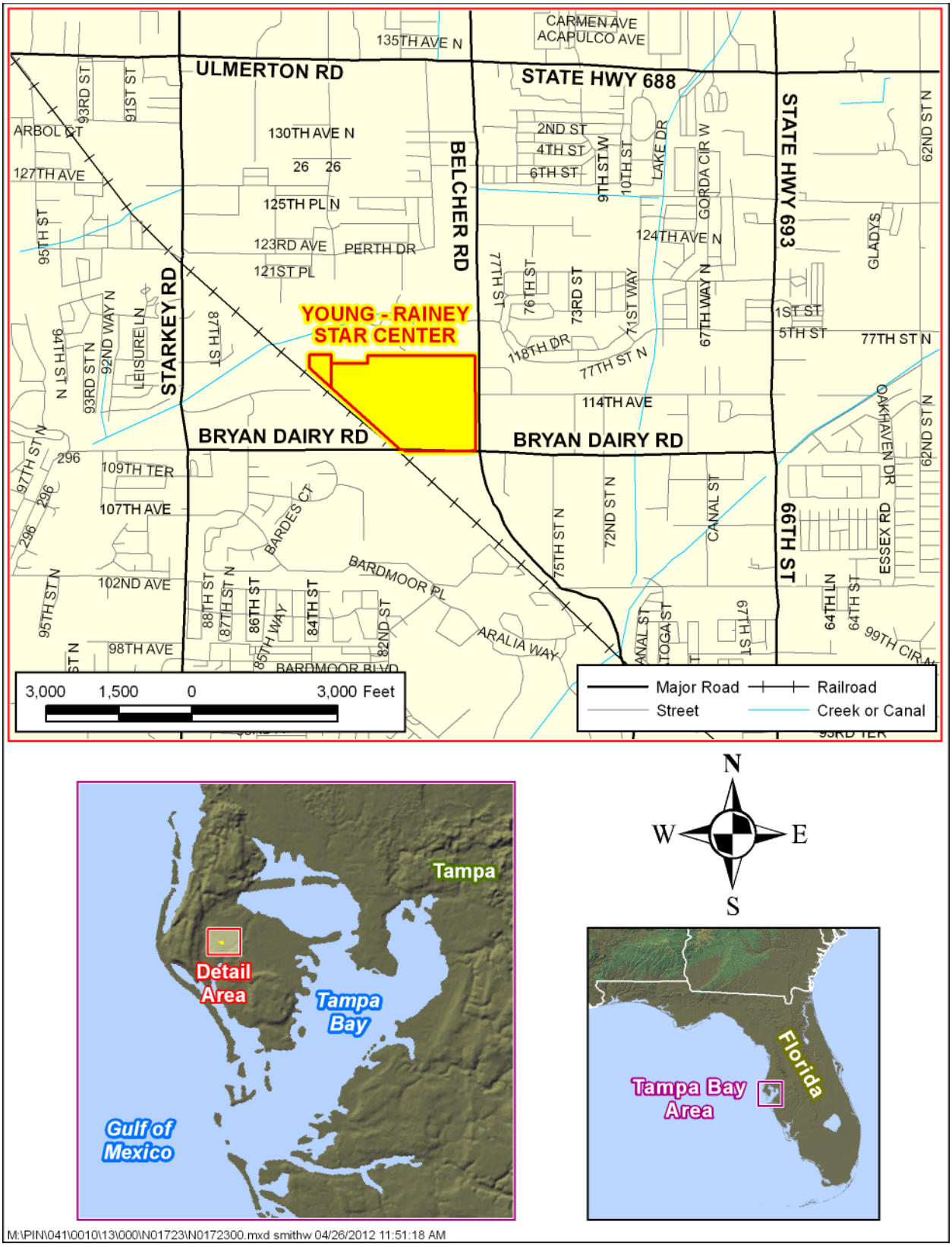


Figure 1. Young - Rainey STAR Center Location

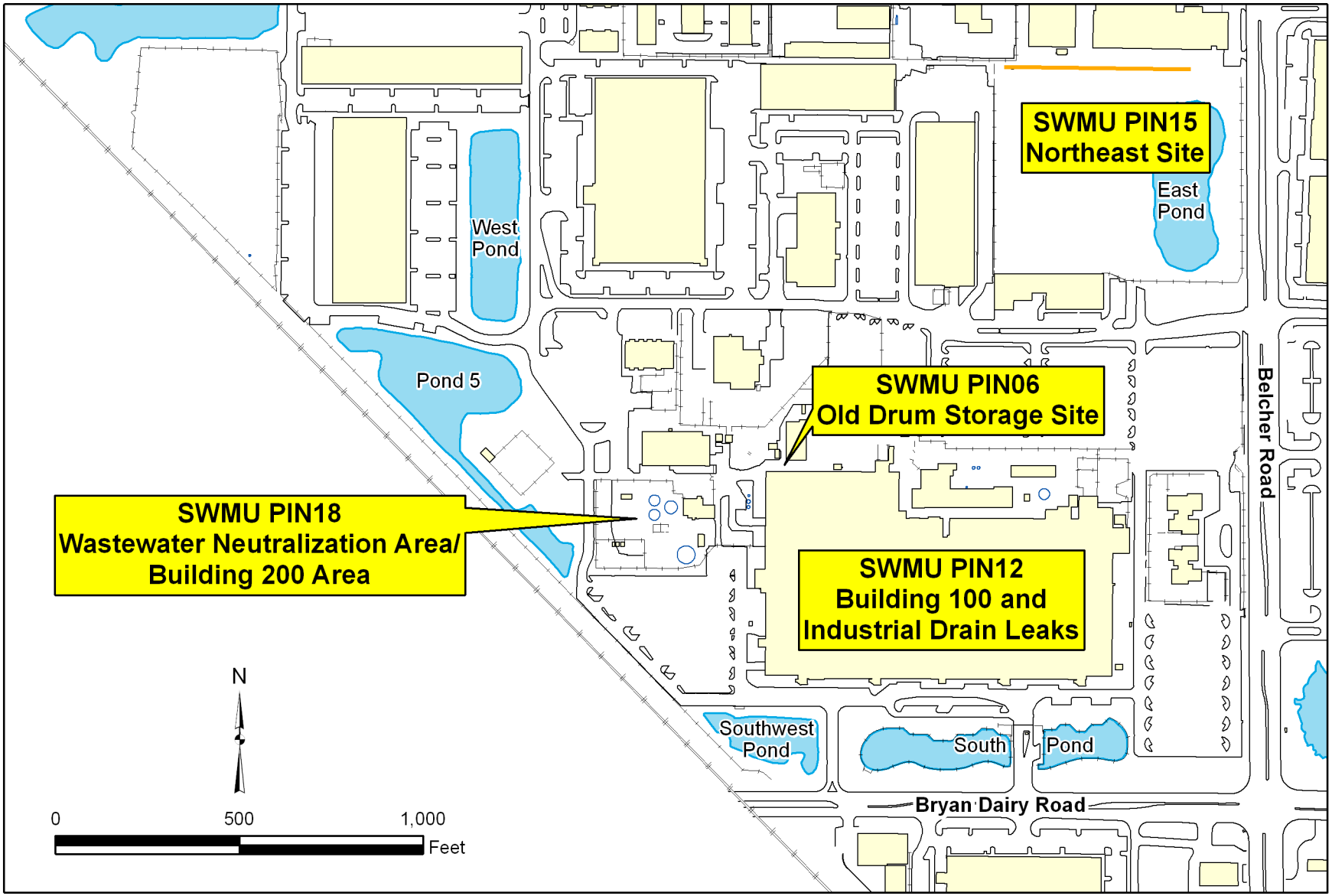


Figure 2. Location of STAR Center Solid-Waste Management Units (SWMUs)

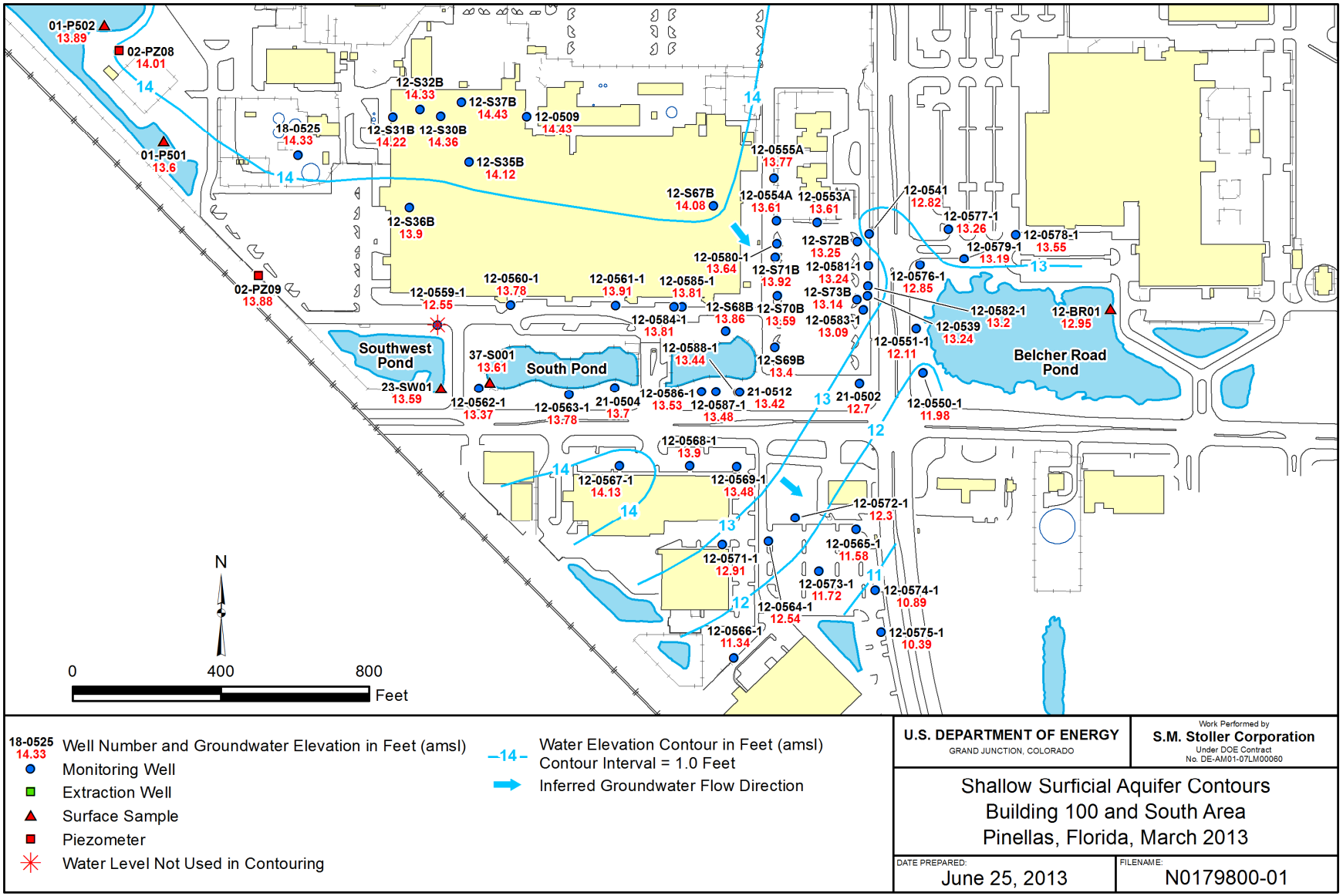


Figure 3. Building 100 Area Shallow Surficial Aquifer Flow, March 2013

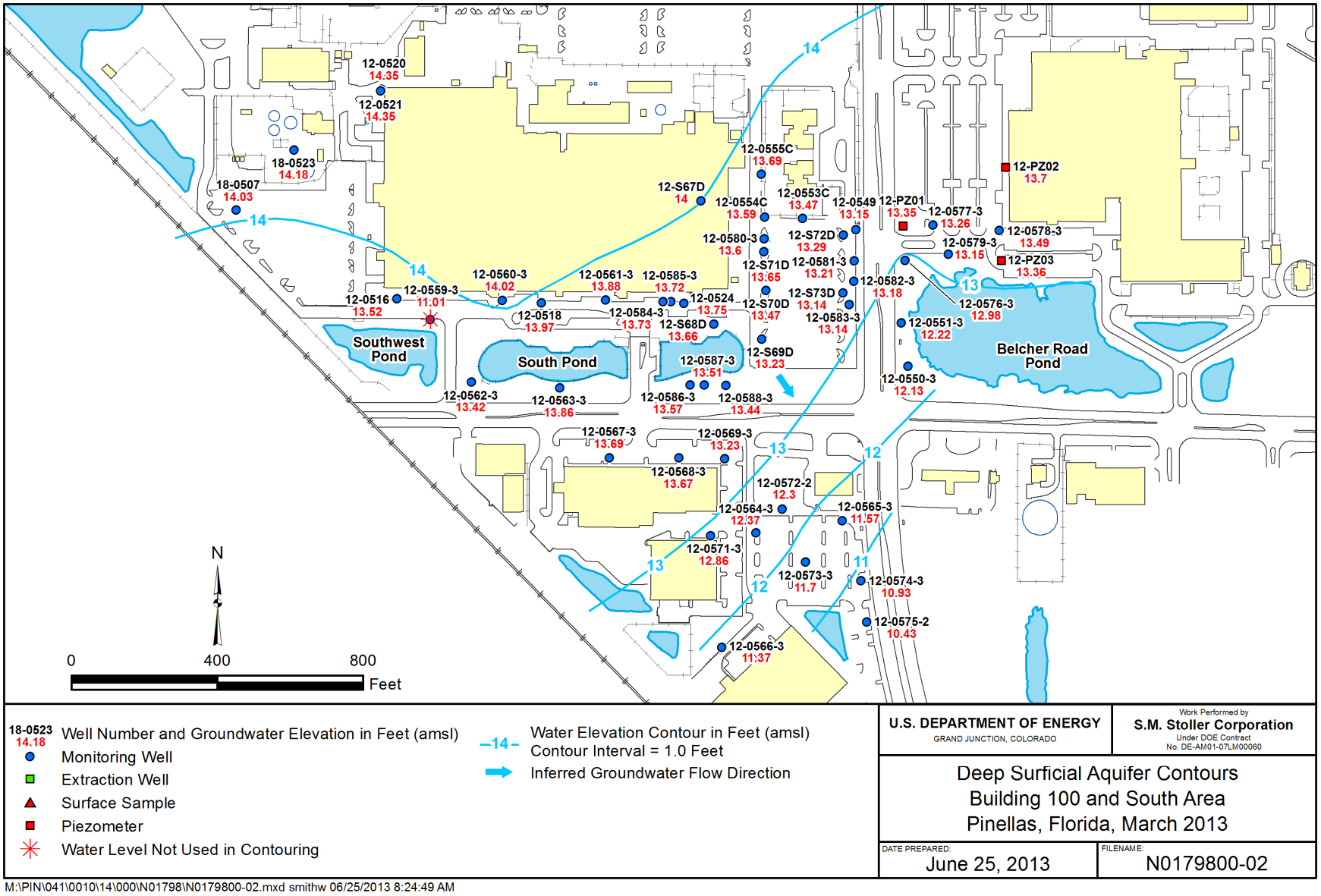


Figure 4. Building 100 Area Deep Surficial Aquifer Flow, March 2013

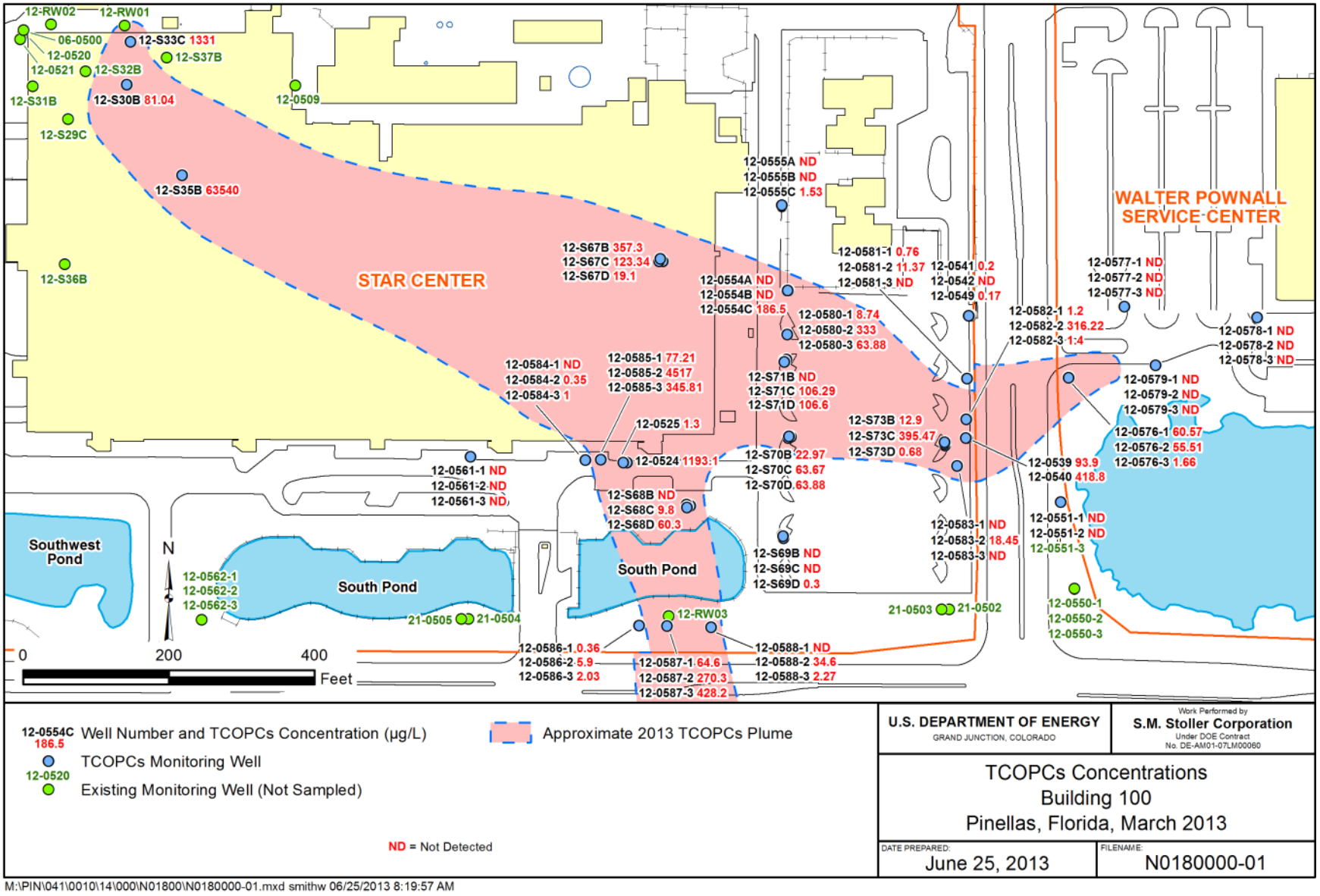


Figure 5. Building 100 Area TCOPCs Concentrations, March 2013

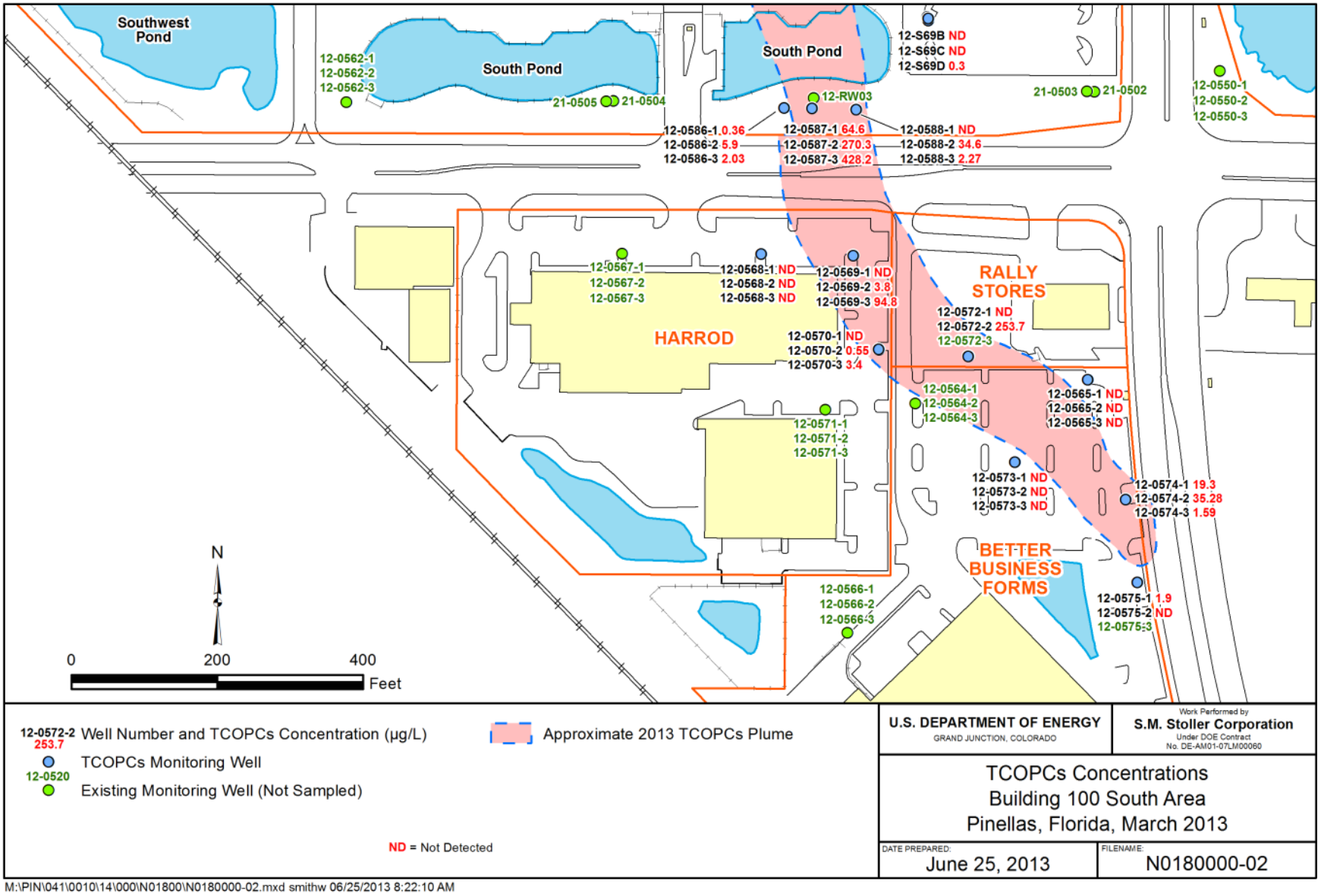


Figure 6. Building 100 Area South TCOPCs Concentrations, March 2013

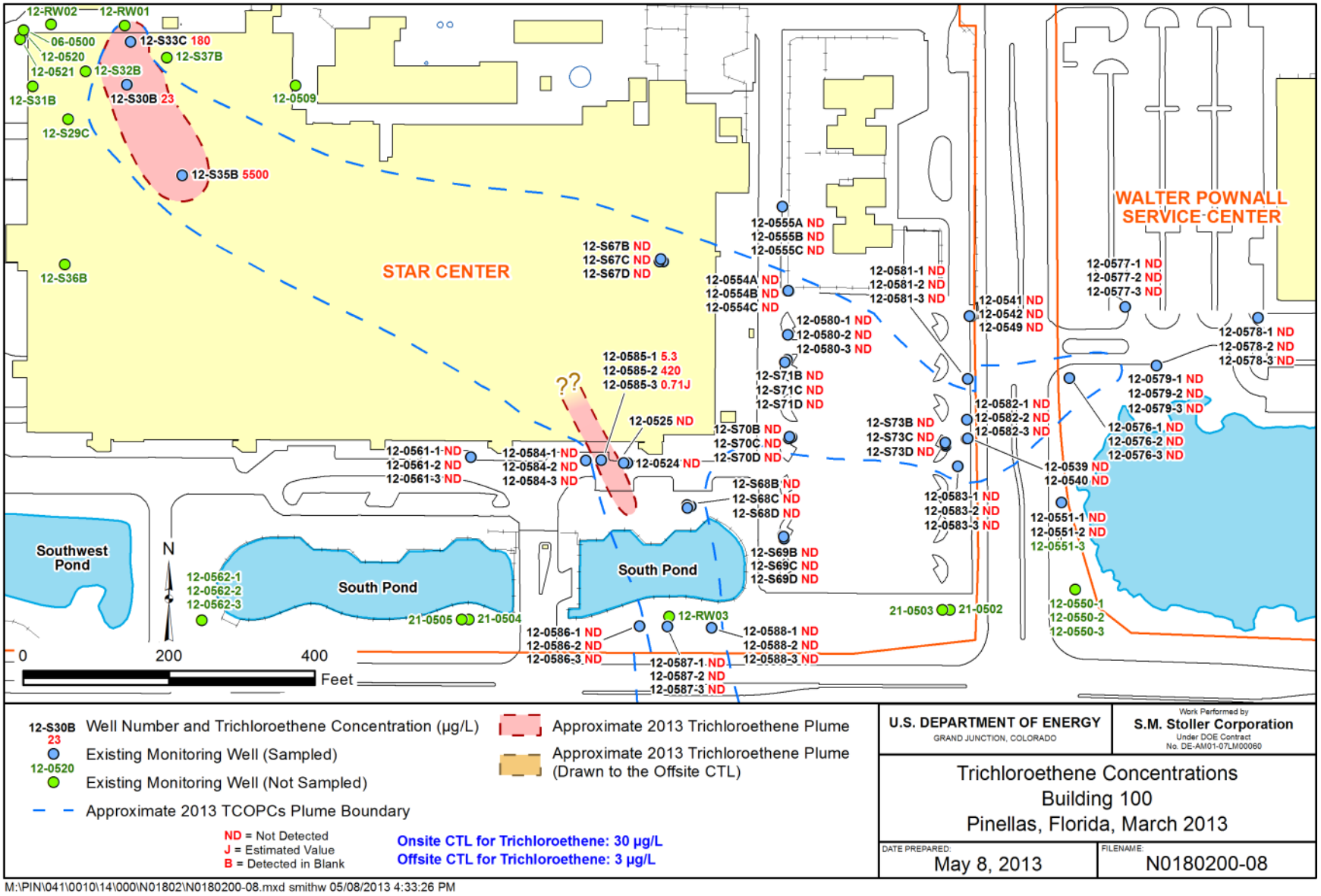


Figure 7. Building 100 Area TCE Concentrations, March 2013

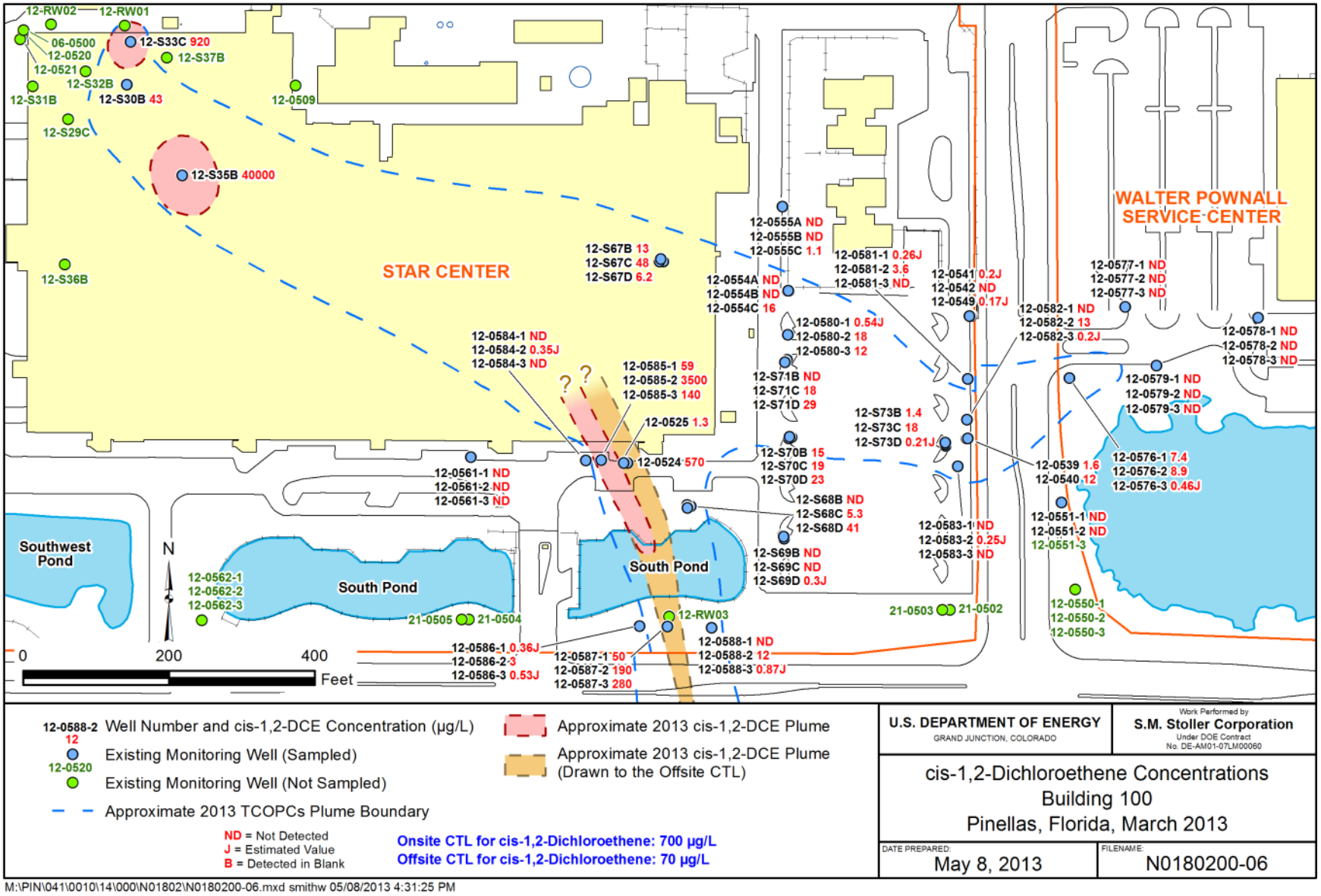


Figure 8. Building 100 Area cDCE Concentrations, March 2013

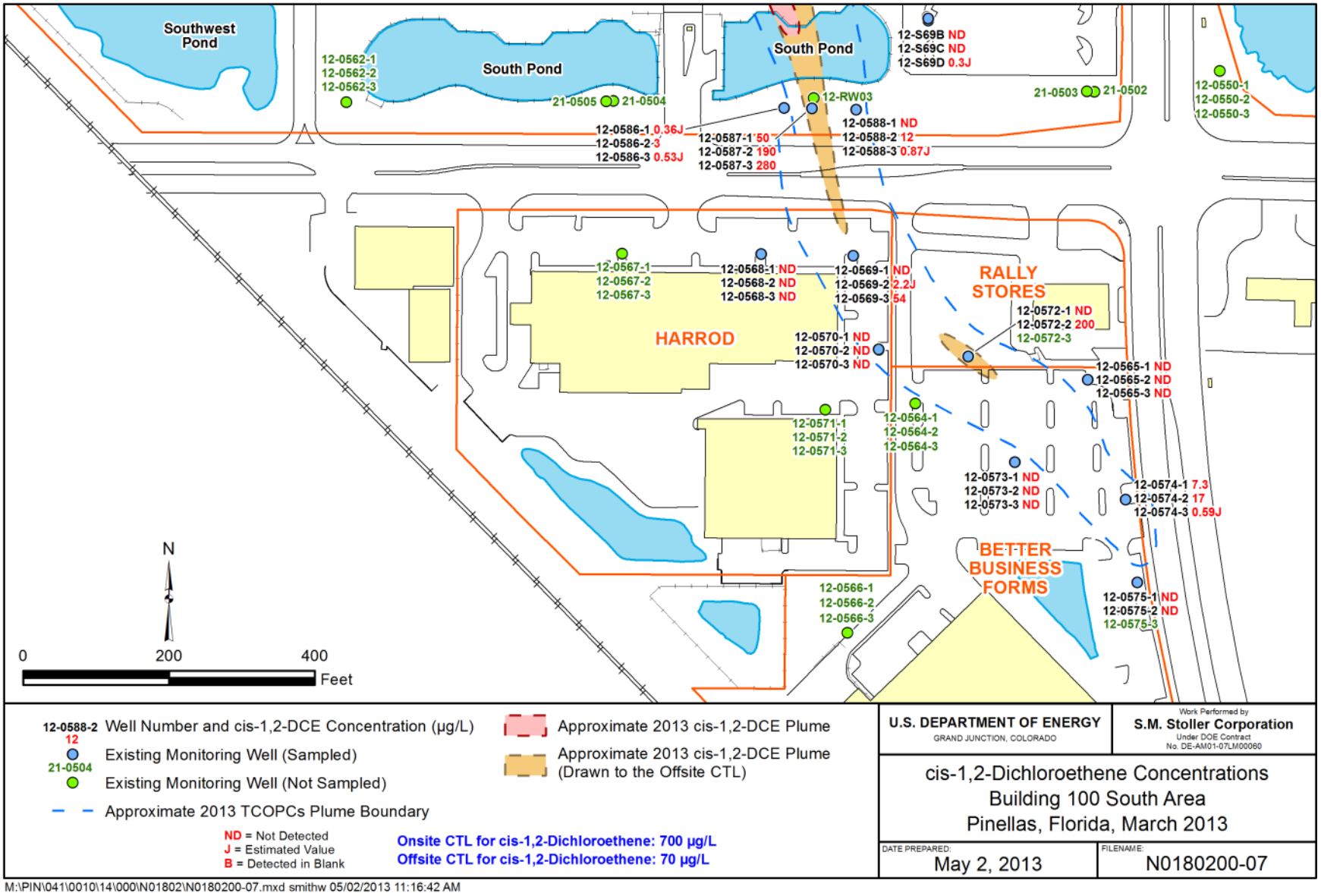


Figure 9. Building 100 Area South cDCE Concentrations, March 2013

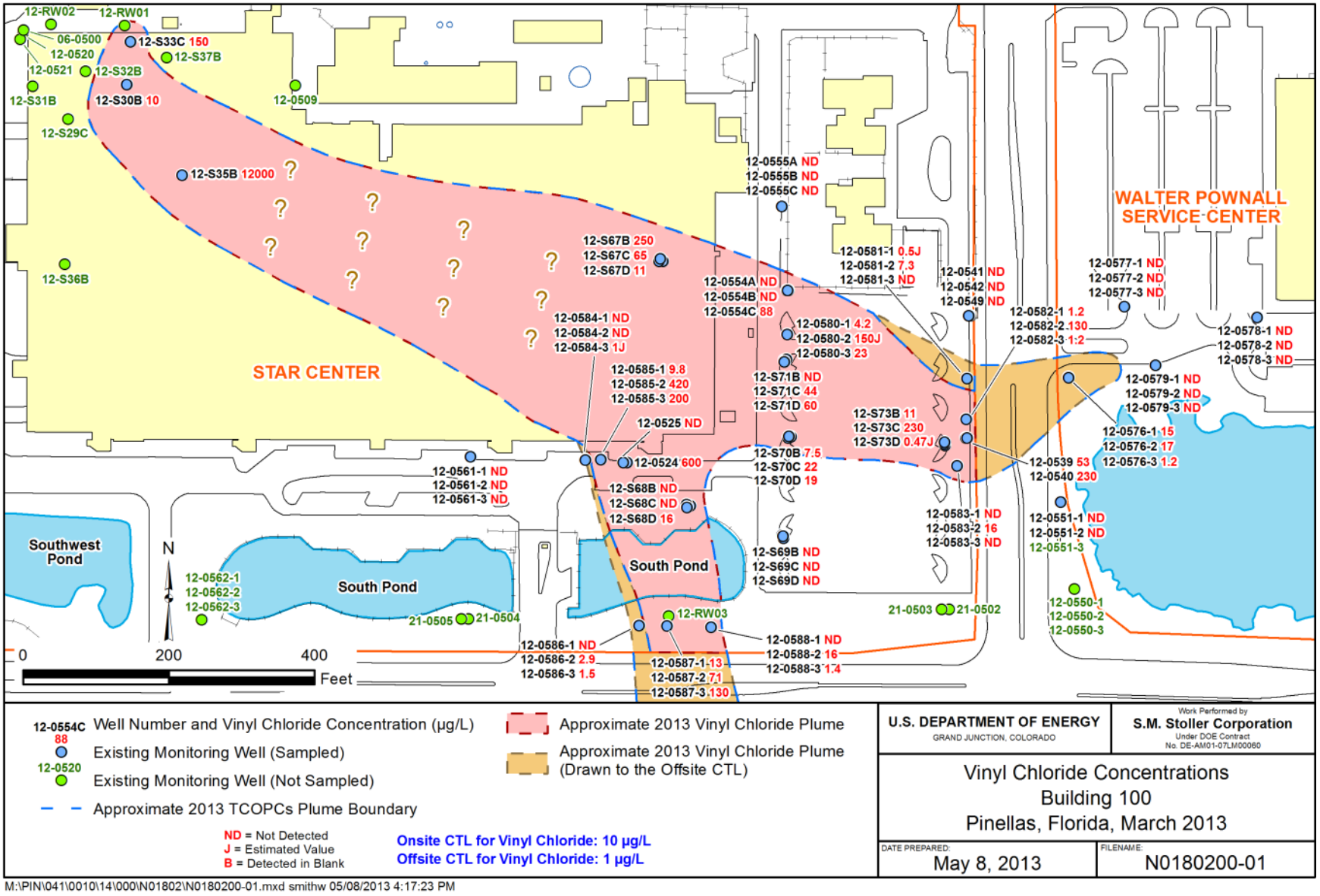


Figure 10. Building 100 Area VC Concentrations, March 2013

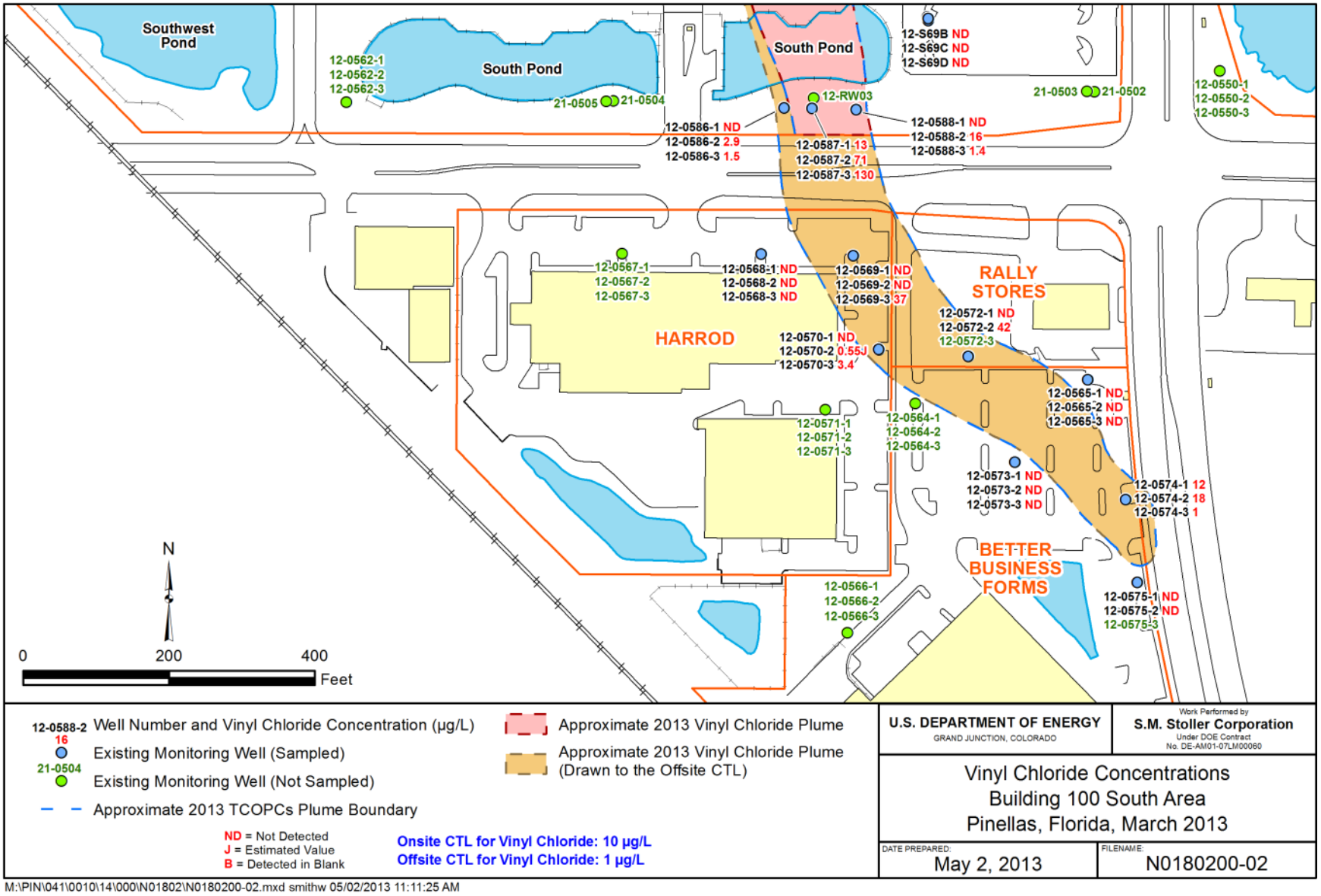


Figure 11. Building 100 Area South VC Concentrations, March 2013

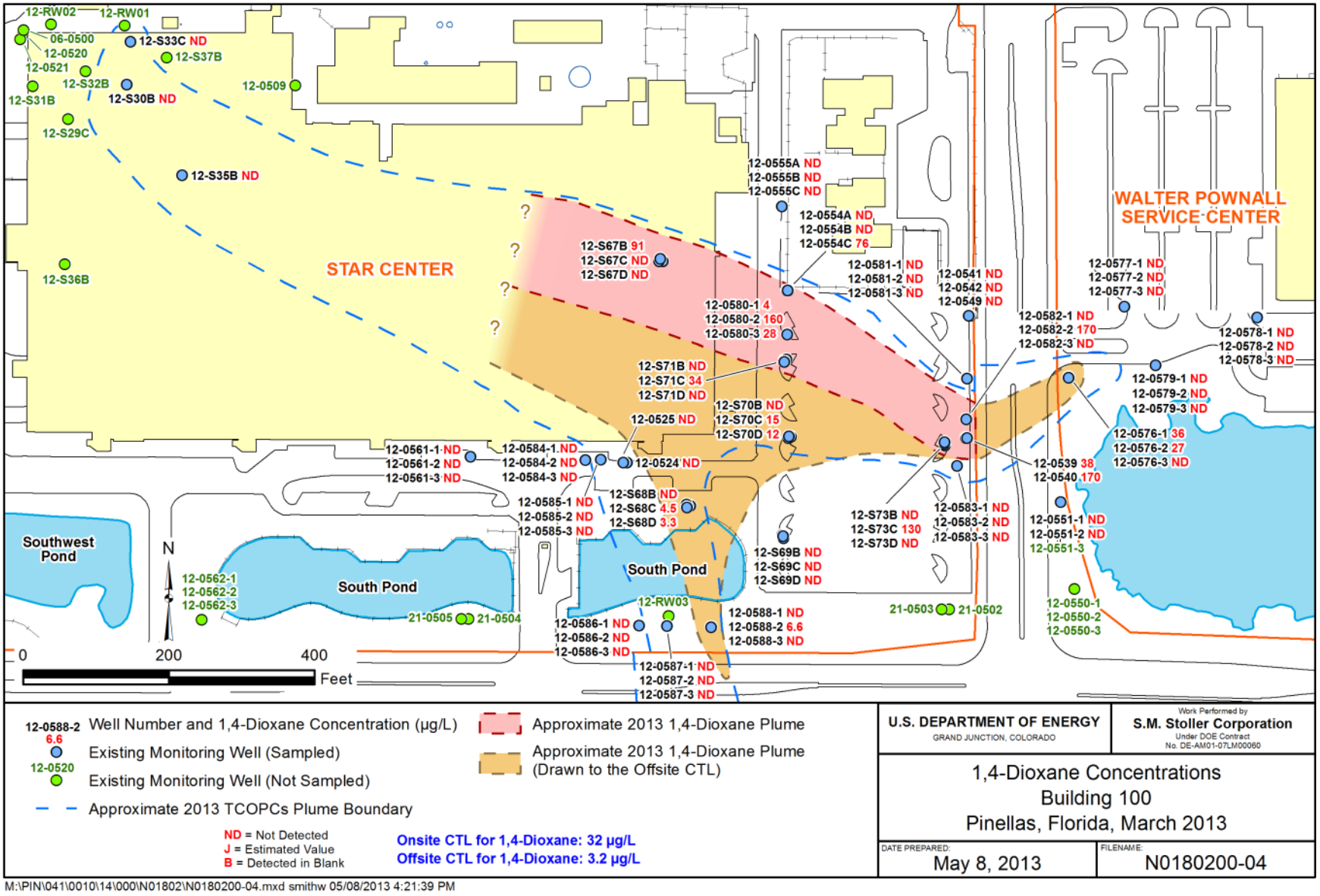


Figure 12. Building 100 Area 1,4-dioxane Concentrations, March 2013

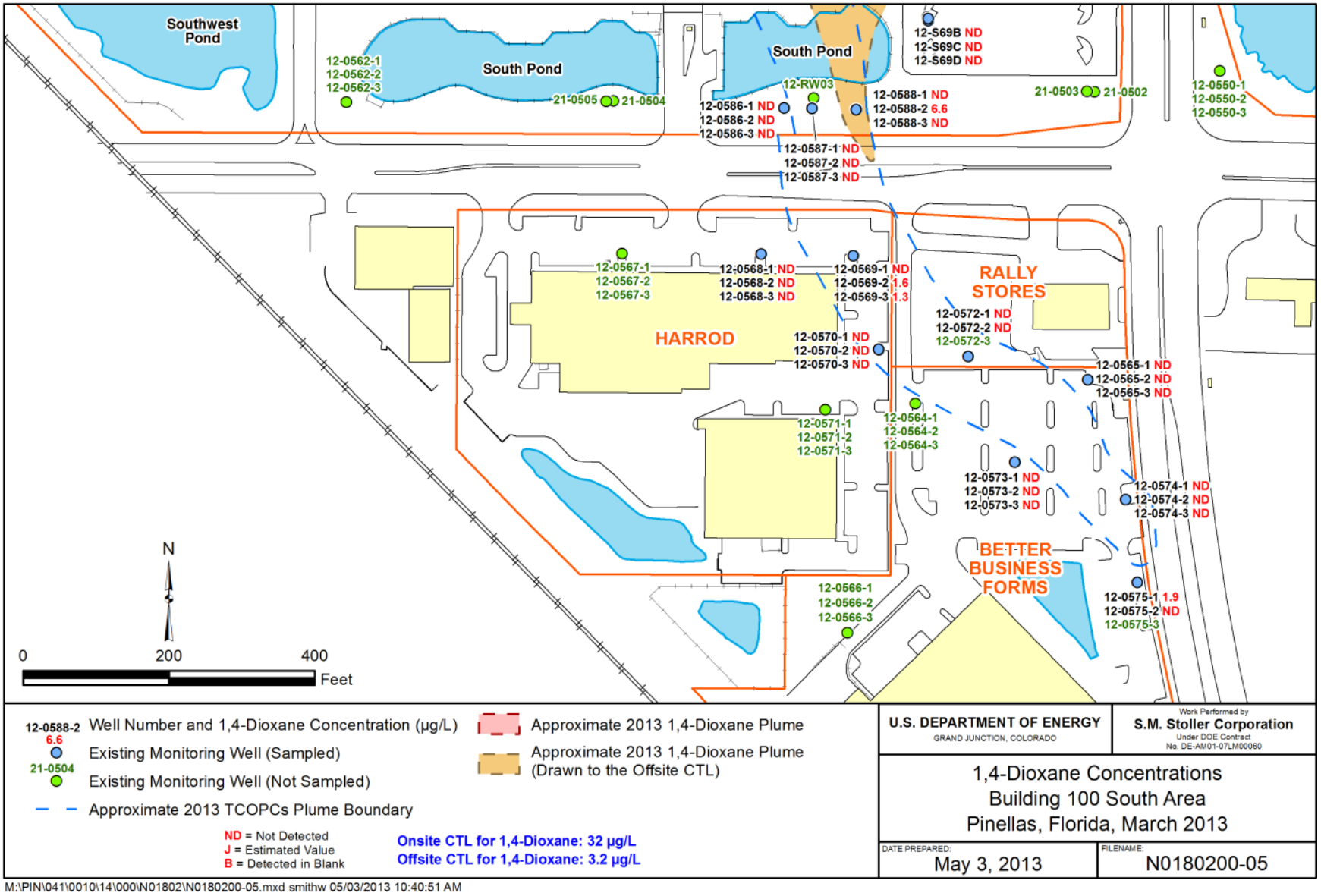


Figure 13. Building 100 Area South 1,4-dioxane Concentrations, March 2013

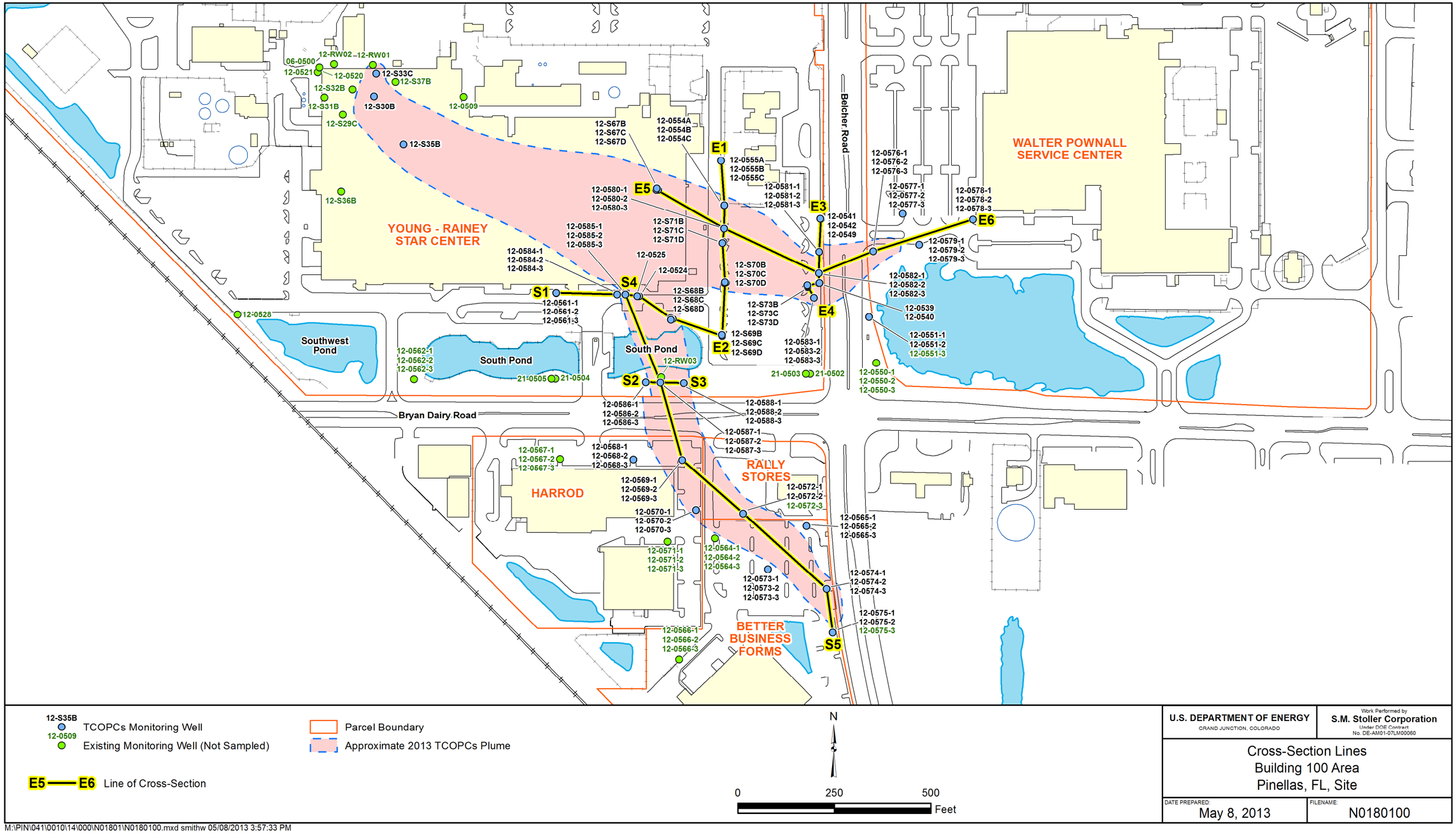


Figure 14. Building 100 Area Plume Stability Monitoring Cross-Sections

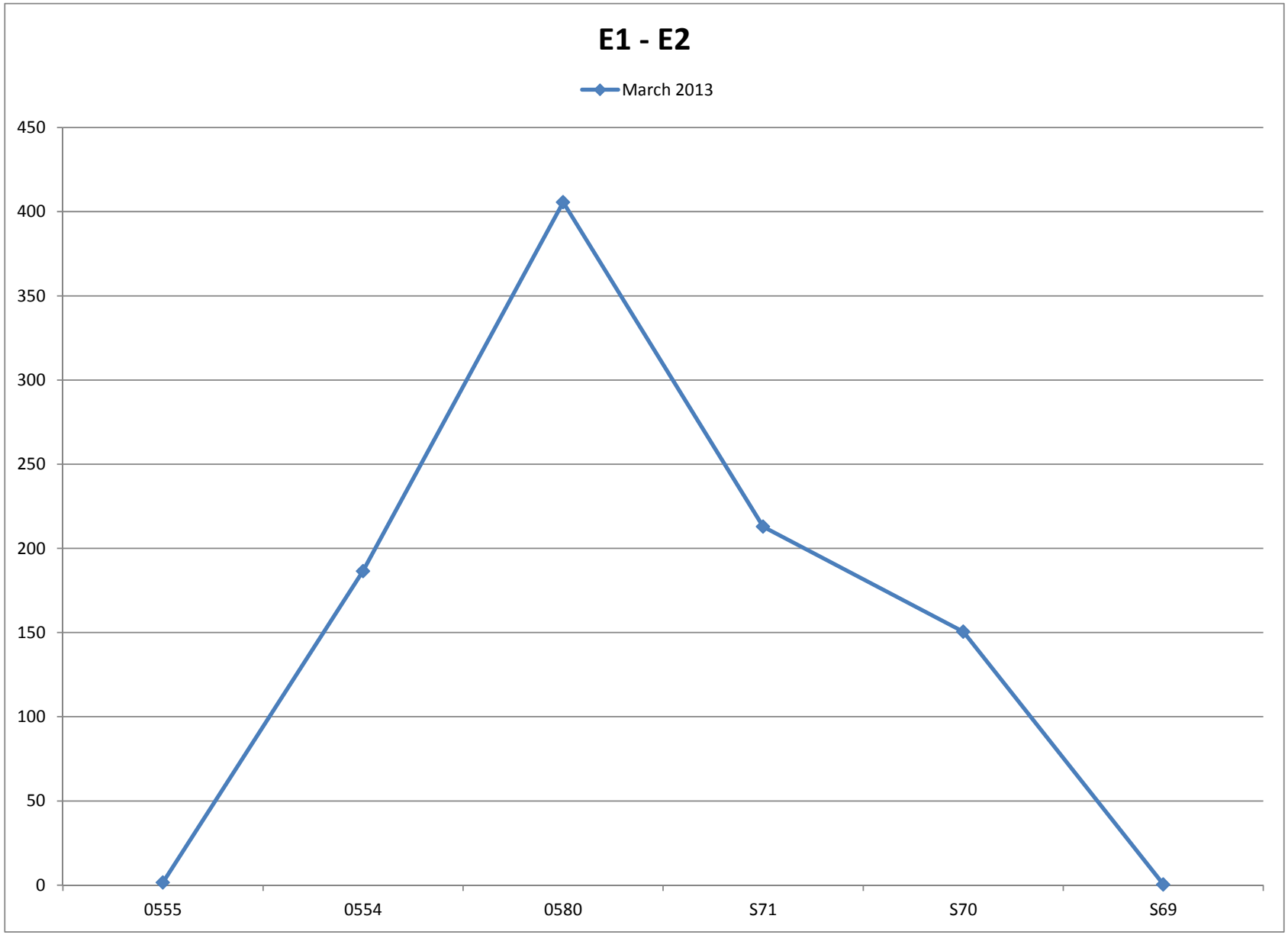


Figure 15. Cross-Section E1-E2

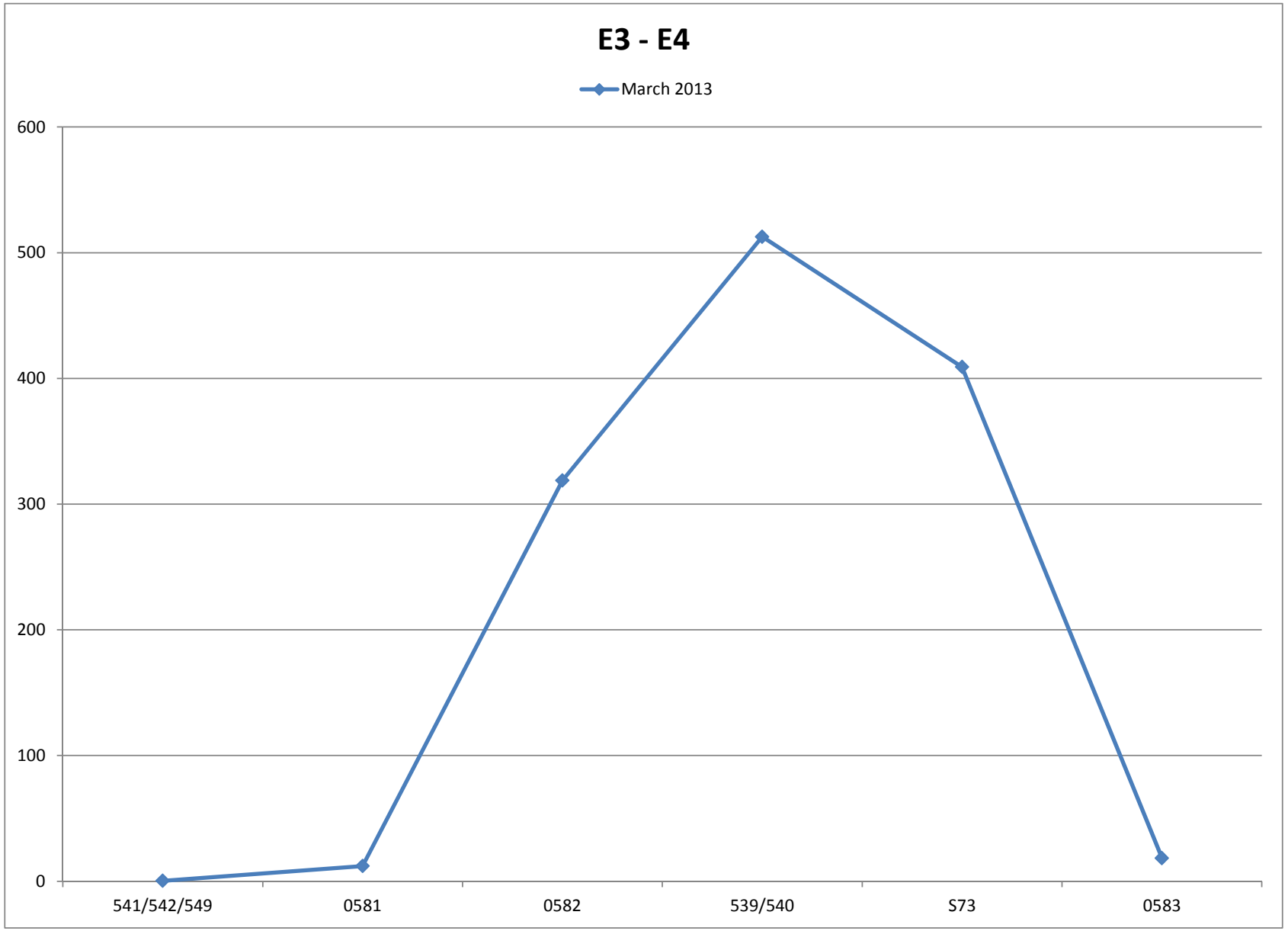


Figure 16. Cross-Section E3-E4

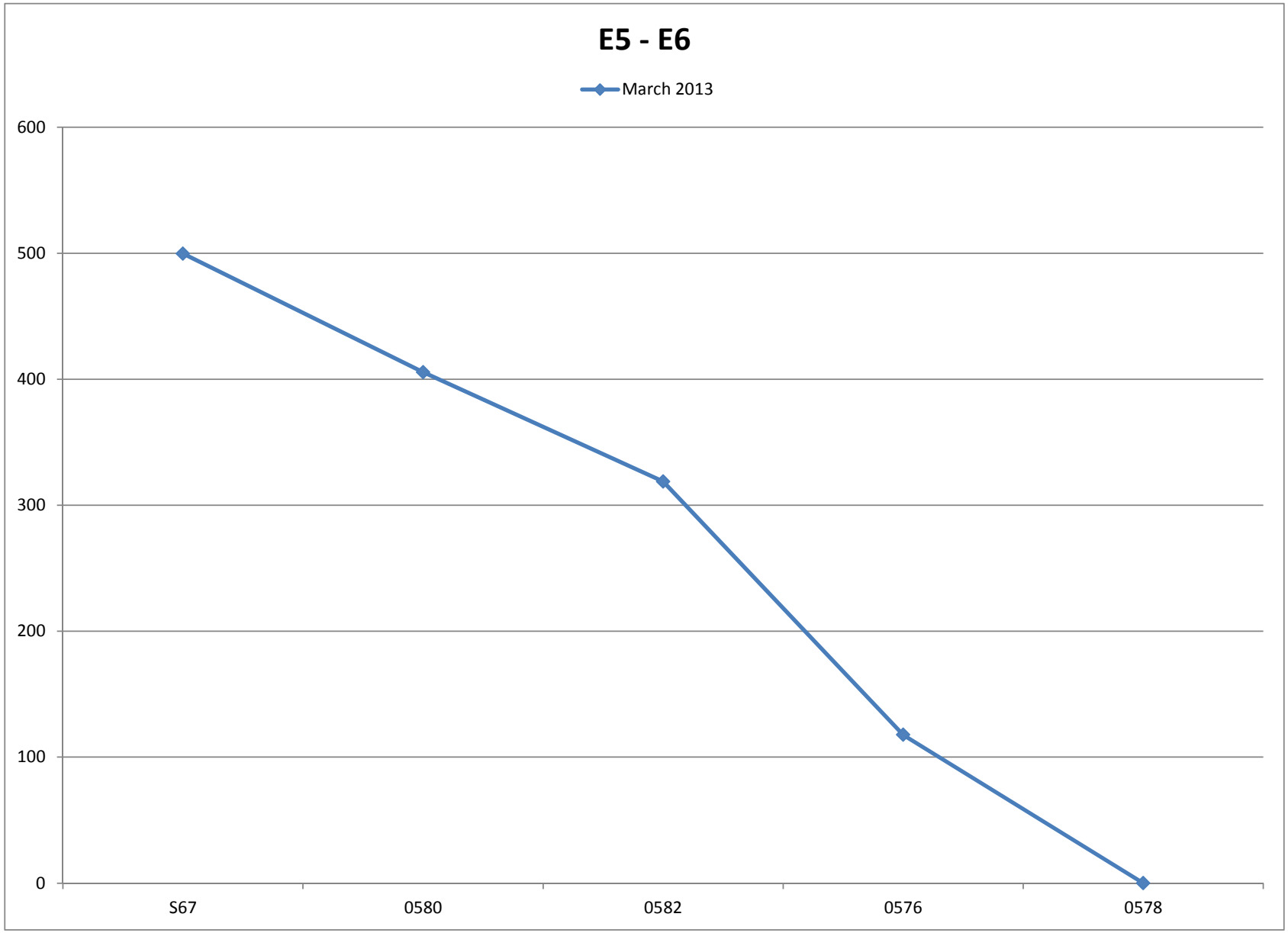


Figure 17. Cross-Section E5-E6

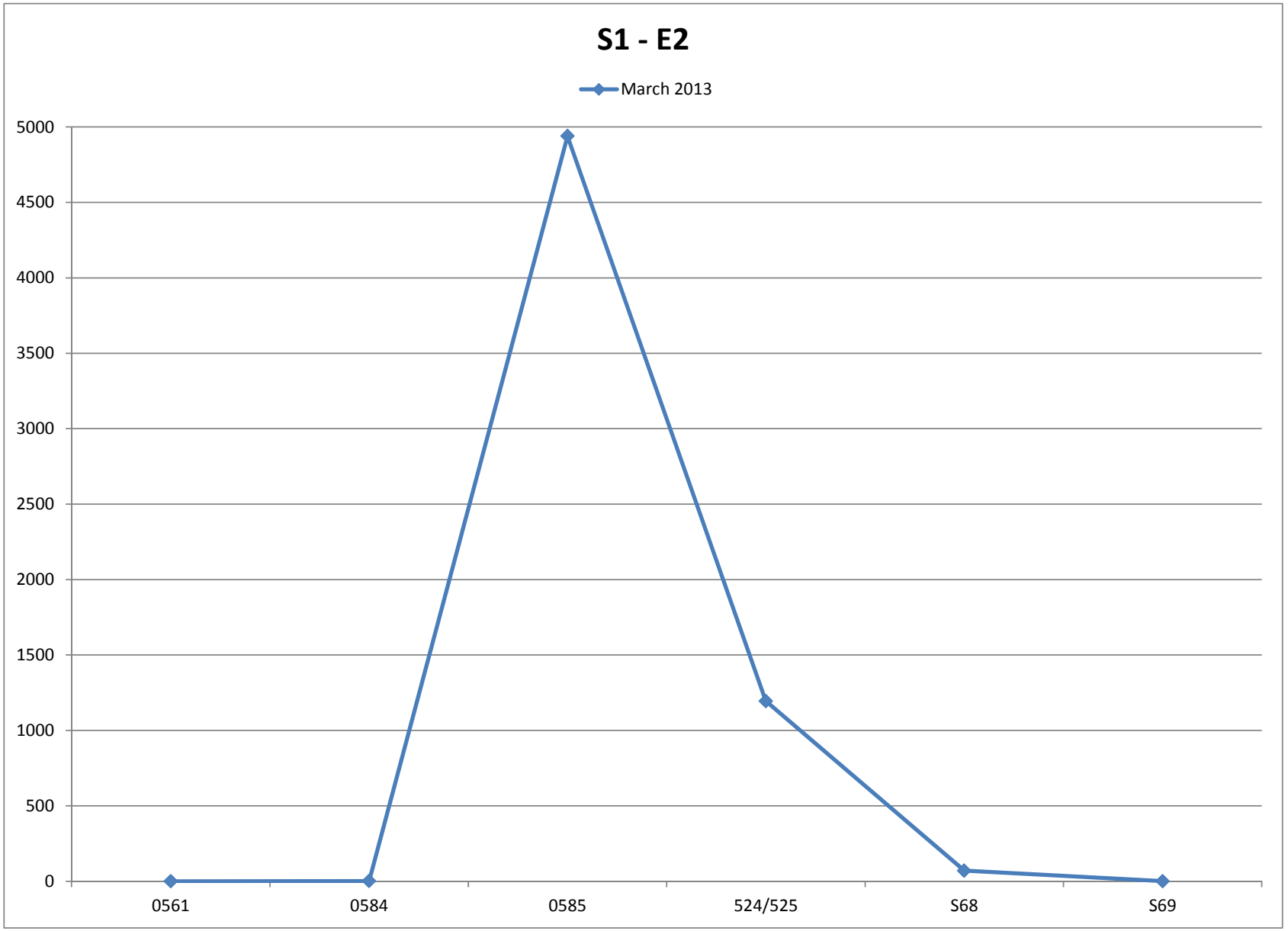


Figure 18. Cross-Section S1-E2

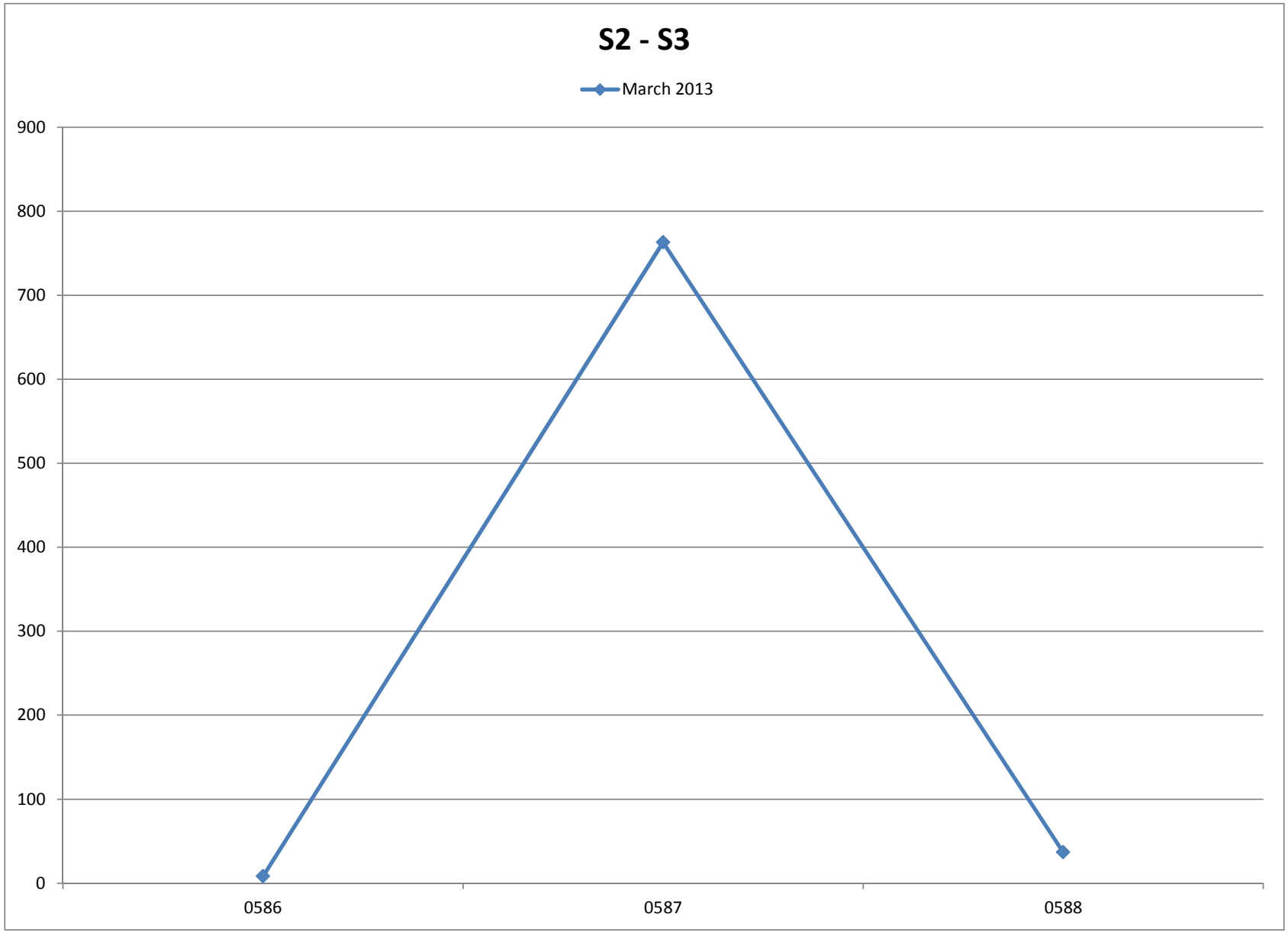


Figure 19. Cross-Section S2-S3

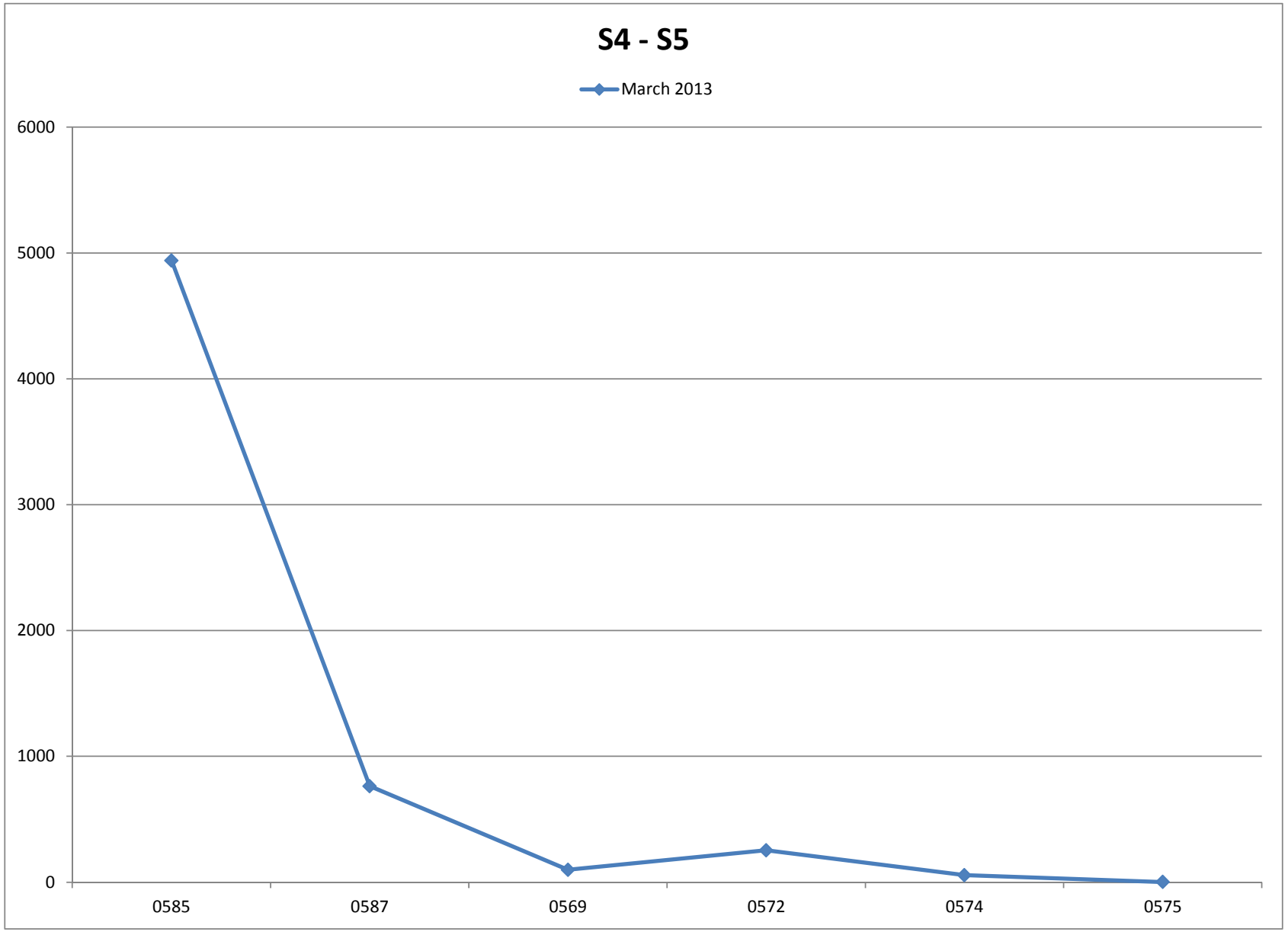


Figure 20. Cross-Section S4-S5

Table 1. Groundwater-Level Data at the STAR Center, March 2013

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN02	**Sitewide Piezometers**			
PZ03	3/5/2013	10:23	4.21	15.49
PZ04	3/5/2013	10:29	2.83	15.37
PZ05	3/5/2013	10:18	3.56	14.54
PZ08	3/5/2013	10:12	4.39	14.01
PZ09	3/5/2013	13:44	4.12	13.88
PZ10	3/5/2013	10:03	4.54	14.34
PZ11	3/5/2013	09:45	4.83	14.05
Building 100 Area				
PIN12				
0509	3/5/2013	11:42	3.61	14.43
0515	3/5/2013	06:31	4.28	13.62
0516	3/5/2013	06:09	4.48	13.52
0517	3/5/2013	06:41	4.06	13.84
0518	3/5/2013	06:45	3.97	13.97
0520	3/5/2013	11:32	3.66	14.35
0521	3/5/2013	11:28	3.70	14.35
0524	3/5/2013	07:11	3.66	13.75
0525	3/5/2013	06:57	3.71	13.71
0527	3/5/2013	10:35	12.72	5.35
0528	3/5/2013	13:48	12.13	5.47
0539	3/5/2013	14:13	3.36	13.24
0540	3/5/2013	14:21	2.92	13.18
0541	3/5/2013	08:41	4.84	12.82
0542	3/5/2013	14:24	4.51	13.19
0549	3/5/2013	08:47	4.51	13.15
0550-1	3/5/2013	14:36	2.72	11.98
0550-2	3/5/2013	14:36	2.62	12.08
0550-3	3/5/2013	14:37	2.57	12.13
0551-1	3/5/2013	14:25	3.29	12.11
0551-2	3/5/2013	14:25	2.93	12.47
0551-3	3/5/2013	14:25	3.18	12.22
0553A	3/5/2013	08:00	4.50	13.61
0553B	3/5/2013	08:24	4.66	13.45
0553C	3/5/2013	08:28	4.64	13.47
0554A	3/5/2013	07:52	4.63	13.61
0554B	3/5/2013	07:50	4.63	13.61
0554C	3/5/2013	07:43	4.65	13.59
0555A	3/5/2013	07:54	4.12	13.77
0555B	3/5/2013	07:58	4.21	13.68
0555C	3/5/2013	07:59	4.20	13.69
0559-1	3/5/2013	09:26	5.35	12.55
0559-2	3/5/2013	11:32	5.07	12.83
0559-3	3/5/2013	11:33	6.89	11.01

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2013

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0560-1	3/5/2013	06:40	3.94	13.78
0560-2	3/5/2013	06:39	3.85	13.87
0560-3	3/5/2013	06:40	3.70	14.02
0561-1	3/5/2013	06:47	4.31	13.91
0561-2	3/5/2013	06:56	4.36	13.86
0561-3	3/5/2013	06:56	4.34	13.88
0562-1	3/5/2013	11:35	4.89	13.37
0562-2	3/5/2013	11:40	4.87	13.39
0562-3	3/5/2013	11:41	4.84	13.42
0563-1	3/5/2013	11:41	3.49	13.78
0563-2	3/5/2013	13:42	3.46	13.81
0563-3	3/5/2013	13:43	3.41	13.86
0564-1	3/5/2013	14:53	2.96	12.54
0564-2	3/5/2013	14:54	3.07	12.43
0564-3	3/5/2013	14:55	3.13	12.37
0565-1	3/5/2013	15:06	4.12	11.58
0565-2	3/5/2013	15:07	4.16	11.54
0565-3	3/5/2013	15:08	4.13	11.57
0566-1	3/5/2013	15:30	4.26	11.34
0566-2	3/5/2013	15:30	4.21	11.39
0566-3	3/5/2013	15:31	4.23	11.37
0567-1	3/5/2013	14:10	4.13	14.13
0567-2	3/5/2013	14:11	4.33	13.93
0567-3	3/5/2013	14:12	4.57	13.69
0568-1	3/5/2013	14:18	4.36	13.90
0568-2	3/5/2013	14:19	4.61	13.65
0568-3	3/5/2013	14:20	4.59	13.67
0569-1	3/5/2013	14:30	4.63	13.48
0569-2	3/5/2013	14:31	4.88	13.23
0569-3	3/5/2013	14:32	4.88	13.23
0571-1	3/5/2013	14:45	5.29	12.91
0571-2	3/5/2013	14:46	5.40	12.80
0571-3	3/5/2013	14:47	5.34	12.86
0572-1	3/5/2013	15:15	3.30	12.30
0572-2	3/5/2013	15:16	3.30	12.30
0573-1	3/5/2013	15:37	3.28	11.72
0573-2	3/5/2013	15:37	3.28	11.72
0573-3	3/5/2013	15:37	3.30	11.70
0574-1	3/5/2013	15:18	5.41	10.89
0574-2	3/5/2013	15:19	5.33	10.97
0574-3	3/5/2013	15:20	5.37	10.93
0575-1	3/5/2013	15:09	4.91	10.39
0575-2	3/5/2013	15:11	4.87	10.43
0576-1	3/5/2013	14:11	4.65	12.85
0576-2	3/5/2013	14:12	4.53	12.97

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2013

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0576-3	3/5/2013	14:12	4.52	12.98
0577-1	3/5/2013	12:02	4.64	13.26
0577-2	3/5/2013	12:03	4.64	13.26
0577-3	3/5/2013	12:04	4.64	13.26
0578-1	3/5/2013	13:55	4.25	13.55
0578-2	3/5/2013	13:56	4.29	13.51
0578-3	3/5/2013	13:57	4.31	13.49
0579-1	3/5/2013	14:51	4.21	13.19
0579-2	3/5/2013	14:51	4.24	13.16
0579-3	3/5/2013	14:52	4.25	13.15
0580-1	3/5/2013	09:40	4.86	13.64
0580-2	3/5/2013	09:41	4.91	13.59
0580-3	3/5/2013	09:42	4.90	13.60
0581-1	3/5/2013	10:55	4.12	13.24
0581-2	3/5/2013	10:56	4.13	13.23
0581-3	3/5/2013	10:57	4.15	13.21
0582-1	3/5/2013	11:00	3.53	13.20
0582-2	3/5/2013	11:01	3.53	13.20
0582-3	3/5/2013	11:02	3.55	13.18
0583-1	3/5/2013	11:11	3.42	13.09
0583-2	3/5/2013	11:12	3.35	13.16
0583-3	3/5/2013	11:13	3.37	13.14
0584-1	3/5/2013	08:57	3.79	13.81
0584-2	3/5/2013	08:58	3.83	13.77
0584-3	3/5/2013	08:59	3.87	13.73
0585-1	3/5/2013	09:03	3.68	13.81
0585-2	3/5/2013	09:04	3.73	13.76
0585-3	3/5/2013	09:05	3.77	13.72
0586-1	3/5/2013	13:50	3.87	13.53
0586-2	3/5/2013	13:51	3.82	13.58
0586-3	3/5/2013	13:52	3.83	13.57
0587-1	3/5/2013	13:54	4.02	13.48
0587-2	3/5/2013	13:55	3.98	13.52
0587-3	3/5/2013	13:56	3.99	13.51
0588-1	3/5/2013	13:57	3.96	13.44
0588-2	3/5/2013	13:58	3.94	13.46
0588-3	3/5/2013	13:59	3.96	13.44
PZ01	3/5/2013	14:27	4.15	13.35
PZ02	3/5/2013	14:43	5.20	13.70
PZ03	3/5/2013	14:37	3.54	13.36
S29C	3/5/2013	09:11	4.20	14.31
S30B	3/5/2013	09:18	4.15	14.36
S31B	3/5/2013	08:53	4.29	14.22
S32B	3/5/2013	09:00	4.18	14.33
S33C	3/5/2013	09:37	4.10	14.41

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2013

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
S35B	3/5/2013	09:51	4.39	14.12
S36B	3/5/2013	08:47	4.61	13.90
S37B	3/5/2013	09:31	4.08	14.43
S67B	3/5/2013	10:36	4.39	14.08
S67C	3/5/2013	10:37	4.48	13.99
S67D	3/5/2013	10:38	4.48	14.00
S68B	3/5/2013	14:08	4.04	13.86
S68C	3/5/2013	14:12	4.28	13.62
S68D	3/5/2013	14:12	4.24	13.66
S69B	3/5/2013	07:13	2.60	13.40
S69C	3/5/2013	07:22	2.62	13.38
S69D	3/5/2013	07:24	2.77	13.23
S70B	3/5/2013	07:32	3.11	13.59
S70C	3/5/2013	07:30	3.05	13.65
S70D	3/5/2013	07:26	3.23	13.47
S71B	3/5/2013	07:34	4.48	13.92
S71C	3/5/2013	07:37	4.80	13.60
S71D	3/5/2013	07:39	4.75	13.65
S72B	3/5/2013	08:33	4.95	13.25
S72C	3/5/2013	08:38	4.92	13.28
S72D	3/5/2013	08:40	4.91	13.29
S73B	3/5/2013	08:49	3.86	13.14
S73C	3/5/2013	09:11	3.86	13.14
S73D	3/5/2013	09:10	3.86	13.14
PIN21				
0502	3/5/2013	09:12	2.50	12.70
0503	3/5/2013	09:25	2.63	12.57
0503	3/5/2013	13:57	3.46	11.74
0504	3/5/2013	14:00	3.90	13.70
0512	3/5/2013	14:05	3.88	13.42
PIN15	**Northeast Site**			
0506	3/5/2013	11:08	3.27	13.73
0507	3/5/2013	11:04	3.22	13.78
0513	3/5/2013	10:58	12.10	5.50
0520	3/5/2013	11:00	3.39	13.71
0530	3/5/2013	10:53	3.71	13.69
0534	3/5/2013	11:04	2.22	14.88
0535	3/5/2013	10:57	3.79	13.81
0537	3/5/2013	11:09	4.28	14.32
0568	3/5/2013	10:44	4.48	14.02
0569	3/5/2013	10:40	4.27	14.11
0573	3/5/2013	11:25	4.42	13.96
0574	3/5/2013	11:28	4.28	14.14
0594	3/5/2013	11:12	4.65	13.85
0595	3/5/2013	11:35	4.49	14.11

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2013

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
M16D	3/5/2013	11:25	3.82	14.38
M16S	3/5/2013	11:23	3.81	14.39
M24D	3/5/2013	11:35	3.90	13.90
M33D	3/5/2013	11:34	3.25	14.35
PIN18	**WWNA**			
0503	3/5/2013	11:37	3.46	14.22
0507	3/5/2013	13:43	3.70	14.03
0523	3/5/2013	11:16	5.22	14.18
0524	3/5/2013	11:19	4.77	14.23
0525	3/5/2013	11:18	4.57	14.33
0526	3/5/2013	10:17	4.66	13.94

Abbreviations:
amsl = above mean sea level
bls = below land surface

Table 2. Surface Water Elevations, March 2013

Location	Measurement		Surface Water Elevation (ft amsl)
	Date	Time	
PIN01	**Pond 5**		
P501	3/5/2013	10:13	13.60
P502	3/5/2013	10:09	13.89
PIN02	**West Pond**		
W005	3/5/2013	10:04	14.09
PIN12	**Belcher Road Pond**		
BR01	3/5/2013	14:47	12.95
PIN15	**East Pond**		
E001	3/5/2013	10:45	13.77
PIN23	**Southwest Pond**		
SW01	3/5/2013	13:51	13.59
PIN37	**South Pond**		
S001	3/5/2013	13:55	13.61
S002	3/5/2013	14:01	14.66[1]

Notes:
[1]questionable value; not used for water elevation contours
Abbreviations:
amsl = above mean sea level

Table 3. Field Measurements of Samples Collected at the STAR Center, March 2013

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
PIN12							
0524	27–37	24.6	1,426	4	6.61	-14	0.8
0525	12–22	24.1	742	29	6.79	-63	0.5
0539	9.5–19.5	24.1	1,612	14	6.51	-46	0.6
0540	20–30	24.3	1,457	13	6.53	-35	0.6
0541	10–20	27.7	784	16	6.60	-63	0.6
0542	20–30	28.1	796	7	6.61	-53	0.6
0549	30–40	27.3	1,404	15	6.63	-52	0.7
0551-1	9–18	22.8	1,004	3	6.65	39	1.5
0551-2	20–29	23.2	1,055	13	6.65	44	1.1
0554A	3–13	21.6	650	9	6.48	40	0.8
0554B	13–23	22.7	682	11	6.65	-34	0.5
0554C	23–33	24.4	880	14	6.72	-63	0.6
0555A	2.5–12.5	23.3	379	-	6.60	-26	1.2
0555B	13–23	22.5	376	26	7.02	-30	1.0
0555C	23–33	21.0	534	16	6.79	-33	1.3
0561-1	9–18	22.3	511	13	6.82	9	0.5
0561-2	20–29	22.9	603	2	6.77	-12	0.5
0561-3	31–40	21.0	1,055	1	6.58	-20	0.4
0565-1	9–18	21.9	1,345	1	6.72	-36	1.1
0565-2	20–29	20.4	1,250	1	6.68	-30	1.8
0565-3	31–40	22.2	1,502	2	6.64	-31	1.4
0568-1	9–18	24.6	1,819	4	6.70	-4	1.7
0568-2	20–29	25.2	1,402	10	6.72	-27	1.6
0568-3	31–40	25.4	1,798	10	6.73	-22	1.7
0569-1	9–18	20.5	1,847	4	6.79	-14	1.4
0569-2	20–29	20.9	1,248	7	6.74	-30	1.3
0569-3	31–40	21.4	1,292	3	6.73	-31	1.4
0570-1	9–18	24.1	2,048	4	6.76	-43	1.5
0570-2	20–29	26.7	1,665	8	6.77	-20	-
0570-3	31–40	22.0	1,363	9	6.76	37	1.1
0572-1	9–18	26.7	1,638	6	6.71	-39	2.0
0572-2	20–29	26.7	1,017	5	6.74	-23	1.6
0573-1	9–18	21.0	1,594	7	6.66	-47	1.6
0573-2	20–29	23.1	1,172	4	6.68	-45	1.7
0573-3	31–40	22.9	1,514	1	6.61	-22	1.4
0574-1	9–18	20.2	1,258	9	6.75	-24	1.8
0574-2	20–29	22.5	1,274	5	6.73	-18	1.6
0574-3	31–40	23.7	1,492	5	6.72	-19	1.8
0575-1	9–18	22.8	1,323	5	6.74	-38	1.7
0575-2	20–29	21.8	1,459	9	6.67	-35	1.4
0576-1	4–13	19.1	1,112	2	6.63	59	1.5
0576-2	15–24	20.0	1,099	6	6.64	26	1.2
0576-3	26–35	22.6	1,719	9	6.72	48	1.2

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, March 2013

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0577-1	4–13	20.6	2,069	6	6.42	40	1.8
0577-2	15–24	20.4	1,458	3	6.48	41	1.9
0577-3	26–35	20.0	1,245	3	6.68	30	-
0578-1	4–13	17.9	726	6	6.37	128	1.2
0578-2	15–24	19.3	901	3	6.47	73	1.3
0578-3	26–35	19.3	1,077	4	6.47	38	1.3
0579-1	4–13	19.3	1,324	5	6.14	36	1.5
0579-2	15–24	21.0	1,084	6	6.53	26	1.6
0579-3	26–35	20.7	1,439	31	6.69	4	1.6
0580-1	9–18	16.2	653	29	7.02	-66	1.2
0580-2	20–29	18.9	1,260	13	7.10	-75	1.2
0580-3	31–40	21.8	1,538	11	7.02	-108	1.3
0581-1	9–18	22.5	1,350	11	6.88	-129	0.8
0581-2	20–29	23.7	1,100	17	7.02	-136	0.8
0581-3	31–40	25.8	1,484	11	6.71	-74	0.7
0582-1	9–18	26.3	2,261	12	6.74	-113	0.6
0582-2	20–29	26.4	1,234	9	6.76	-97	0.6
0582-3	31–40	26.7	1,527	24	6.63	-55	0.7
0583-1	9–18	24.0	1,224	47	6.89	-132	0.4
0583-2	20–29	23.4	1,739	5	6.59	-83	0.7
0583-3	31–40	24.7	1,779	13	6.68	-74	0.6
0584-1	9–18	17.8	696	12	7.11	-61	1.5
0584-2	20–29	19.2	1,057	12	7.78	-143	1.2
0584-3	31–40	20.5	1,617	14	6.89	-79	1.6
0585-1	9–18	23.6	778	11	7.05	-107	1.3
0585-2	20–29	24.9	1,196	11	6.98	-116	1.2
0585-3	31–40	25.3	1,621	9	6.78	-105	0.6
0586-1	8–17	21.0	604	16	7.14	-103	0.4
0586-2	19–28	23.3	717	8	7.15	-151	0.4
0586-3	30–39	24.3	1,579	10	6.92	-113	0.6
0587-1	9–18	25.1	686	30	7.18	-140	0.4
0587-2	20–29	25.5	886	5	6.77	-80	0.6
0587-3	31–40	25.0	1,363	15	6.79	-106	0.7
0588-1	9–18	17.9	926	15	7.13	-139	0.4
0588-2	20–29	17.2	1,072	2	6.77	-85	0.5
0588-3	31–40	17.5	1,511	8	6.85	-76	0.4
S30B	5–15	22.3	1,030	19	6.92	-26	1.3
S33C	11–21	21.0	638	21	6.82	17	1.2
S35B	5–15	22.8	1,766	5	6.54	47	1.4
S67B	10–19.83	20.6	1,067	8	6.76	-1	1.4
S67C	20–29.83	21.0	891	18	6.79	-27	1.4
S67D	30–39.83	21.1	842	10	6.78	-22	1.2
S68B	10–20	19.5	819	14	6.76	-75	0.6
S68C	18–28	20.0	955	4	6.66	2	0.6

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, March 2013

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
S68D	30–40	20.4	1,369	3	6.61	-22	0.6
S69B	10–20	24.2	687	30	6.84	-78	0.7
S69C	20–30	26.0	689	11	6.87	-12	0.8
S69D	30–40	25.0	1,633	6	6.65	-25	0.8
S70B	10–20	24.2	931	220	6.78	-50	0.5
S70C	20–30	25.0	1,420	143	6.58	-73	0.7
S70D	30–40	25.6	1,553	22	6.55	-57	0.8
S71B	10–20	24.7	781	29	6.71	-73	0.5
S71C	20–30	26.2	1,271	311	6.59	-51	0.6
S71D	30–40	26.7	1,555	10	6.60	-56	0.7
S73B	10–20	27.4	1,178	27	6.52	-314	0.0
S73C	20–30	27.9	1,737	17	6.51	-134	1.0
S73D	30–40	26.7	1,854	33	6.21	-66	1.2

Notes:
[a] Temperature corrected to 25 °C

Abbreviations:
– = not measured
bls = below land surface
µmhos/cm = micromhos per centimeter
mg/L = milligrams per liter
mV = millivolts
NTU = nephelometric turbidity units

Table 4. Relative Percent Difference (RPD) for Duplicate Samples, March 2013 (Reported in µg/L)

Sample ID	Duplicate ID	Analyte	Result	MDL	Duplicate Result	Duplicate MDL	RPD
PIN12-0580-2	PIN12-2450	1,1-Dichloroethane	6.7	0.22	6.2	0.22	8
		1,4-Dioxane	160	4.4	190	4.4	17
		cis-1,2-Dichloroethene	18	0.15	16	0.15	12
		trans-1,2-Dichloroethene	5.0	0.15	4.0	0.15	22
		Vinyl chloride	150	0.40	150	0.40	0
PIN12-0581-2	PIN12-2451	1,1-Dichloroethane[a]	9.4J	2.2	12	0.22	
		1,1-Dichloroethene[a]	2.3U	2.3	0.47J	0.23	
		cis-1,2-Dichloroethene[a]	2.9J	1.5	3.6	0.15	
		Methylene chloride[a]	3.7J	3.2	0.32U	0.32	
		Vinyl chloride[a]	1.0U	1.0	7.3	0.10	
PIN12-0582-2	PIN12-2452	1,1-Dichloroethane	49	0.44	46	0.22	6
		1,1-Dichloroethene[a]	0.63J	0.46	0.72J	0.23	
		1,4-Dioxane[a]	0.44U	0.44	170	8.8	
		Acetone[a]	7.3J	3.8	1.9U	1.9	
		cis-1,2-Dichloroethene	13	0.3	13	0.15	0
		Naphthalene[a]	0.44U	0.44	0.23J	0.22	
		trans-1,2-Dichloroethene	2.3	0.3	2.5	0.15	8
		Vinyl chloride	74	1	130	0.40	55
PIN12-0583-2	PIN12-2453	*trans*-1,2-Dichloroethene	2.2	0.15	2.6	0.15	17
		Vinyl chloride	16	0.10	15	0.10	6
PIN12-0587-2	PIN12-2454	1,1-Dichloroethene	7.9	0.23	11	0.23	33
		cis-1,2-Dichloroethene	190	0.75	220	1.5	15
		trans-1,2-Dichloroethene	1.4	0.15	1.6	0.15	13
		Vinyl chloride	71	0.5	82	1.0	14

Notes:
[a] An RPD was not calculated for these analytes because the result is less than 25 times the MDL.

Abbreviations:
J = Estimated value
MDL = method detection limit
RPD = relative percent difference
U = not detected

Table 5. COPC Concentrations at the Building 100 Area (µg/L)[a]

Well	TCE	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs
CTLs[b]:	**30**	**700**	**1,000**	**70**	**10**	**32**	
E1 to E2 Cross Section							
0555A	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0555B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0555C	<0.16	1.1	0.43J	<0.23	<0.1	<0.22	1.53
0554A	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0554C	<0.16	16	5.5	1	88	76	186.5
0580-1	<0.16	0.54J	<0.15	<0.23	4.2	4	8.74
0580-2	<0.16	18	5J	<0.23	150J	160	333
0580-3	<0.16	12	0.88J	<0.23	23	28	63.88
S71B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
S71C	<0.16	18	10	0.29J	44	34	106.29
S71D	<0.16	29	17	0.6J	60	<0.44	106.6
S70B	<0.16	15	0.47J	<0.23	7.5	<0.22	22.97
S70C	<0.16	19	7.2	0.47J	22	15	63.67
S70D	<0.16	23	9.2	0.68J	19	12	63.88
S69B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
S69C	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
S69D	<0.16	0.3J	<0.15	<0.23	<0.1	<0.88	0.3
E3 to E4 Cross Section							
0541	<0.16	0.2J	<0.15	<0.23	<0.1	<0.22	0.2
0542	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
0549	<0.16	0.17J	<0.15	<0.23	<0.1	<0.44	0.17
0581-1	<0.16	0.26J	<0.15	<0.23	0.5J	<0.44	0.76
0581-2	<0.16	3.6	<0.15	0.47J	7.3	<0.44	11.37[c]
0581-3	<0.32	<0.3	<0.3	<0.46	<0.2	<0.44	ND
0582-1	<0.16	<0.15	<0.15	<0.23	1.2	<0.44	1.2
0582-2	<0.16	13	2.5	0.72J	130J	170J	316.22[c]
0582-3	<0.16	0.2J	<0.15	<0.23	1.2	<0.44	1.4
0539	<0.16	1.6	1.3	<0.23	53	38	93.9
0540	<0.16	12	6.8	<0.23	230	170J	418.8
S73B	<0.16	1.4	0.5J	<0.23	11	<0.44	12.9
S73C	<0.16	18	17	0.47J	230	130	395.47
S73D	<0.16	0.21J	<0.15	<0.23	0.47J	<0.88	0.68
0583-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0583-2	<0.16	0.25J	2.2	<0.23	16	<4.4	18.45
0583-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
E5 to E6 Cross Section							
S67B	<0.16	13	3.3	<0.23	250	91	357.3
S67C	<0.16	48	9.7	0.64J	65	<0.88	123.34
S67D	<0.16	6.2	1.9	<0.23	11	<0.22	19.1
0580-1	<0.16	0.54J	<0.15	<0.23	4.2	4	8.74
0580-2	<0.16	18	5J	<0.23	150J	160	333
0580-3	<0.16	12	0.88J	<0.23	23	28	63.88

Table 5 (continued). COPC Concentrations at the Building 100 Area (µg/L)[a]

Well	TCE	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs
CTLs[b]:	**30**	**700**	**1,000**	**70**	**10**	**32**	
0582-1	<0.16	<0.15	<0.15	<0.23	1.2	<0.44	1.2
0582-2	<0.16	13	2.5	0.72J	130J	170J	316.22[c]
0582-3	<0.16	0.2J	<0.15	<0.23	1.2	<0.44	1.4
0576-1	<0.16	7.4	0.17J	2	15	36	60.57
0576-2	<0.16	8.9	0.21J	2.4	17	27J	55.51
0576-3	<0.16	0.46J	<0.15	<0.23	1.2	<0.88	1.66
0578-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0578-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0578-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
S1 to E2 Cross Section							
0561-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0561-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0584-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0584-2	<0.16	0.35J	<0.15	<0.23	<0.1	<0.44	0.35
0584-3	<0.32	<0.3	<0.3	<0.46	1J	<0.44	1
0585-1	5.3	59	0.41J	2.7	9.8	<0.44	77.21
0585-2	420	3,500	17	160	420	<8.8	4,517
0585-3	0.71J	140	1.1	4	200	<0.44	345.81
0524	<0.32	570	7.1	16	600	<0.88	1,193.1
0525	<0.16	1.3	<0.15	<0.23	<0.1	<0.44	1.3
S68B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
S68C	<0.64	5.3	<0.6	<0.92	<0.4	4.5	9.8
S68D	<0.64	41	<0.6	<0.92	16	3.3	60.3
S69B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
S69C	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
S69D	<0.16	0.3J	<0.15	<0.23	<0.1	<0.88	0.3
S2 to S3 Cross Section							
0586-1	<0.16	0.36J	<0.15	<0.23	<0.1	<0.44	0.36
0586-2	<0.16	3	<0.15	<0.23	2.9	<0.44	5.9
0586-3	<0.16	0.53J	<0.15	<0.23	1.5	<0.44	2.03
0587-1	<0.16	50	0.3J	1.3	13	<0.44	64.6
0587-2	<0.16	190	1.4	7.9J	71	<0.44	270.3
0587-3	<0.16	280	2.2	16	130	<0.44	428.2
0588-1	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
0588-2	<0.16	12	<0.15	<0.23	16	6.6	34.6
0588-3	<0.16	0.87J	<0.15	<0.23	1.4	<0.44	2.27
S4 to S5 Cross Section							
0585-1	5.3	59	0.41J	2.7	9.8	<0.44	77.21
0585-2	420	3,500	17	160	420	<8.8	4,517
0585-3	0.71J	140	1.1	4	200	<0.44	345.81
0587-1	<0.16	50	0.3J	1.3	13	<0.44	64.6
0587-2	<0.16	190	1.4	7.9J	71	<0.44	270.3
0587-3	<0.16	280	2.2	16	130	<0.44	428.2
0569-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND

Table 5 (continued). COPC Concentrations at the Building 100 Area (µg/L)[a]

Well	TCE	*cis*-1,2-DCE	*trans*-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs
CTLs[b]:	**30**	**700**	**1,000**	**70**	**10**	**32**	
0569-2	<0.64	2.2J	<0.6	<0.92	<0.4	1.6J	3.8
0569-3	<0.64	54	<0.6	2.5J	37	1.3J	94.8
0572-1	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
0572-2	<0.8	200	1.7J	10	42	<0.44	253.7
0574-1	<0.64	7.3	<0.6	<0.92	12	<0.44	19.3
0574-2	<0.16	17	0.28J	<0.23	18	<0.44	35.28
0574-3	<0.16	0.59J	<0.15	<0.23	1	<0.44	1.59
0575-1	<0.64	<0.6	<0.6	<0.92	<0.4	1.9	1.9
0575-2	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
Other Wells							
0551-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0551-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0565-1	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
0565-2	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
0565-3	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
0568-1	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
0568-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0568-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0570-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0570-2	<0.16	<0.15	<0.15	<0.23	0.55J	<0.44	0.55
0570-3	<0.16	<0.15	<0.15	<0.23	3.4	<0.44	3.4
0573-1	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
0573-2	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
0573-3	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
0577-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0577-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0577-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0579-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0579-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
0579-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
S30B	23	43	4.5	0.54J	10	<0.44	81.04[d]
S33C	180	920	48	33	150	<0.44	1,331[d]
S35B	5,500	40,000	5,100	940	12,000	<0.44	63,540[d]

Notes:
[a] "<" values are method detection limits.
[b] The offsite CTL is a factor of 10 lower than the listed onsite (poor water quality) CTL.
[c] As explained in Section 3.2, this table lists the results for duplicate samples for wells 12-0581-2 and 12-0582-2.
[d] Wells S30B, S33C, and S35B were sampled to track potential source depletion under the northwest corner of the building. These wells are not part of the plume stability monitoring program.

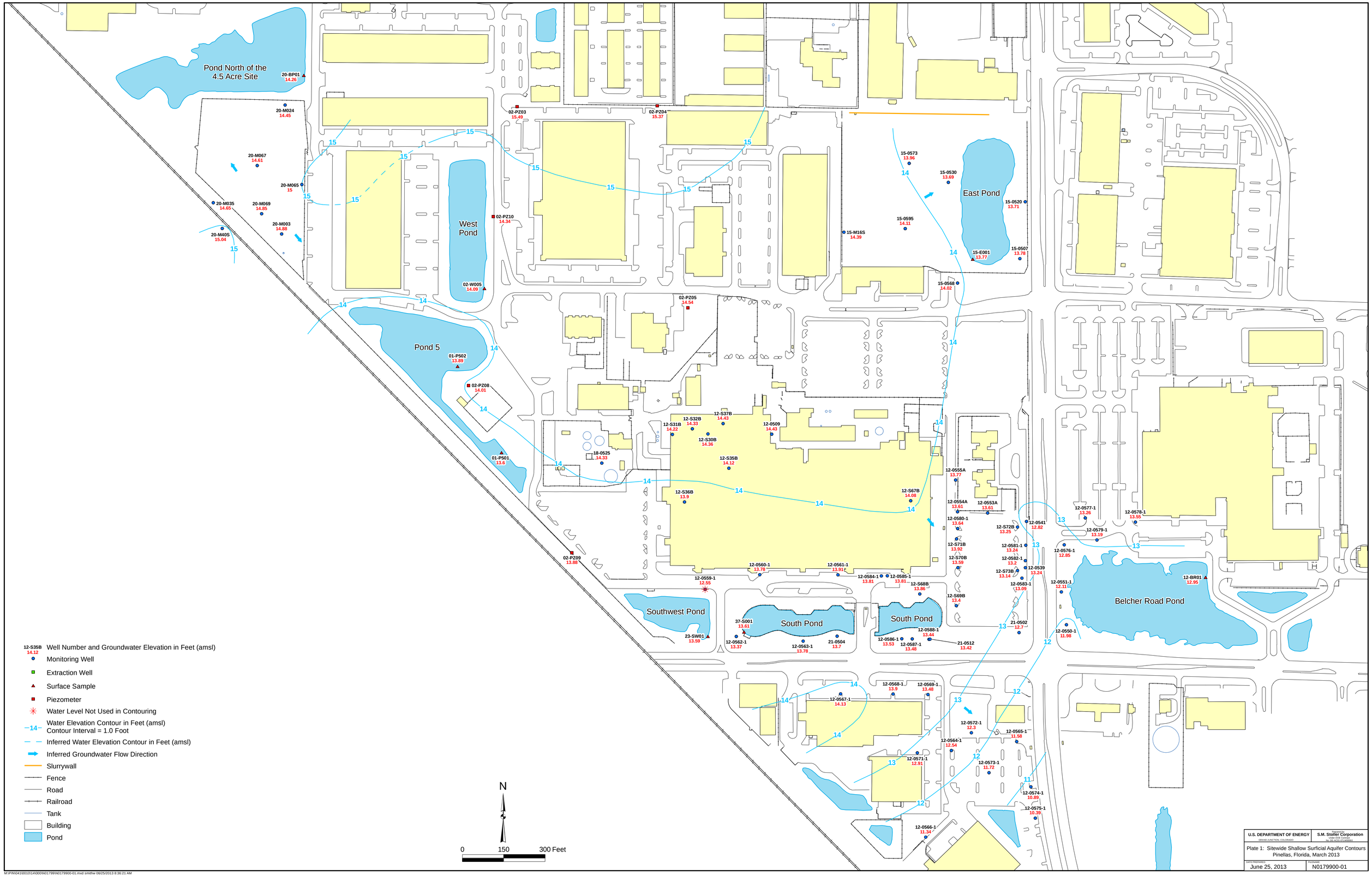
Abbreviations:
J = Estimated value
ND = Not detected

Table 6. Sum of COPCs for Each Plume Stability Monitoring Cross-Section

Cross Section	Sum of COPCs (µg/L)
E1 to E2 Cross Section	
0555	1.53
0554	186.5
0580	405.62
S71	212.89
S70	150.52
S69	0.3
E3 to E4 Cross Section	
0541/0542/0549	0.37
0581	12.13
0582	318.82
0539/0540	512.7
S73	409.05
0583	18.45
E5 to E6 Cross Section	
S67	499.74
0580	405.62
0582	318.82
0576	117.74
0578	0
S1 to E2 Cross Section	
0561	0
0584	1.35
0585	4940.02
0524/0525	1194.4
S68	70.1
S69	0.3
S2 to S3 Cross Section	
0586	8.29
0587	763.1
0588	36.87
S4 to S5 Cross Section	
0585	4940.02
0587	763.1
0569	98.6
0572	253.7
0574	56.17
0575	1.9

Table 7. Area Under the Curve Values For Each Plume Stability Monitoring Cross-Section

Cross Section	Area Under the Curve March 2013 (dimensionless)
E1-E2	956
E3-E4	1262
E5-E6	1092
S1-E2	6206
S2-S3	786
S4-S5	3643



12-S35B 14.12 Well Number and Groundwater Elevation in Feet (amsl)

Monitoring Well

Extraction Well

Surface Sample

Piezometer

Water Level Not Used in Contouring

14 Water Elevation Contour in Feet (amsl) Contour Interval = 1.0 Foot

Inferred Water Elevation Contour in Feet (amsl)

Inferred Groundwater Flow Direction

Slurrywall

Fence

Road

Railroad

Tank

Building

Pond

U.S. DEPARTMENT OF ENERGY GRAND JUNCTION, COLORADO	S.M. Stoller Corporation Under DOE Contract No. DE-AC01-01LM00002
Plate 1: Sitewide Shallow Surficial Aquifer Contours Pinellas, Florida, March 2013	
DATE PREPARED: June 25, 2013	PLOTNAME: N0179900-01

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Pond North of the 4.5 Acre Site

West Pond

Pond 5

East Pond

Southwest Pond

South Pond

South Pond

Belcher Road Pond

20-M023 14.36
20-0502 14.37
20-M038D 13.84
20-M055 14.17
20-M015 14.34
20-M056 14.28
20-M001 14.56
20-M053 14.46
20-M057 14.61
20-M18D 14.63
20-M041D 14.63
20-M058 14.75
20-M068 14.82
20-M059 14.76
20-M040D 14.89
20-M036 14.94
20-M022D 14.83
20-M005 14.84
20-M066 15.89
02-PZ11 14.05
15-M33D 14.35
15-M24D 13.9
15-0535 13.81
15-0534 14.88
15-0594 13.85
15-0569 14.11
12-0520 14.35
12-0521 14.35
18-0523 14.18
18-0507 14.03
12-S67D 14
12-0555C 13.69
12-0554C 13.59
12-0553C 13.47
12-0549 13.15
12-0580-3 13.6
12-S71D 13.65
12-S70D 13.47
12-S72D 13.29
12-0581-3 13.21
12-S73D 13.14
12-0582-3 13.18
12-0583-3 13.14
12-S69D 13.23
12-PZ01 13.35
12-0577-3 13.26
12-0578-3 13.49
12-PZ02 13.7
12-0576-3 12.98
12-0579-3 13.15
12-PZ03 13.36
12-0551-3 12.22
12-0550-3 12.13
12-0516 13.52
12-0559-3 11.01
12-0560-3 14.02
12-0518 13.97
12-0561-3 13.88
12-0585-3 13.72
12-0584-3 13.73
12-0524 13.75
12-S68D 13.66
12-0588-3 13.44
12-0586-3 13.57
12-0587-3 13.51
12-0562-3 13.42
12-0563-3 13.86
12-0567-3 13.69
12-0568-3 13.67
12-0569-3 13.23
12-0572-2 12.3
12-0565-3 11.57
12-0564-3 12.37
12-0571-3 12.86
12-0573-3 11.7
12-0574-3 10.93
12-0575-2 10.43
12-0556-3 11.37

14 15 13 12 11

N

0 150 300 Feet

18-0507 14.03 Well Number and Groundwater Elevation in Feet (amsl)
Monitoring Well
Extraction Well
Surface Sample
Piezometer
Water Level Not Used in Contouring
14 Water Elevation Contour in Feet (amsl) Contour Interval = 1.0 Foot
Inferred Water Elevation Contour in Feet (amsl)
Inferred Groundwater Flow Direction
Slurrywall
Fence
Road
Railroad
Tank
Building
Pond

U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION, COLORADO

S.M. Stoller Corporation
UNDER DOE CONTRACT No. DE-AC01-07LM00004

Plate 2: Sitewide Deep Surficial Aquifer Contours
Pinellas, Florida, March 2013

DATE PREPARED: June 25, 2013

FILE NO.: N0179900-02

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Appendix A

Laboratory Reports

March 2013 Semiannual Monitoring

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-39772-1

SDG Number: 13025120

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
3/22/2013 2:56 PM

Kae E Yoder
Project Manager II
kae.yoder@testamericainc.com
03/22/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

Table of Contents

Table of Contents

CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13025120

Report Number: 280-39772-1

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted. Calculations are performed before rounding to avoid round-off errors in calculated results.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/9/2013 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.6º C and 3.1º C.

GC/MS VOLATILES - SW846 8260B

Due to the nature of the sample matrix (foamy), a reduced aliquot size had to be used for the analysis of several samples. The reporting limits have been elevated accordingly.

Due to high constituent concentration, reduced aliquot sizes had to be used for the analysis of Vinyl chloride in samples PIN12-0580-2 (LDU 874), PIN12-2450 (LDU 956), PIN12-S67B (LDU 904) and PIN12-S67C (LDU 905). The reporting limits have been elevated accordingly.

Surrogates 1,2-Dichloroethane-d4 and Dibromofluoromethane were recovered outside the control limits, biased low, in the 5 mL initial volume analysis of sample PIN12-0580-2 (LDU 874). The sample was reanalyzed with similar results, indicating matrix interference as the cause for the surrogate recovery outliers.

No other anomalies were encountered.

GC/MS VOLATILES - SW846 8260B SIM - 1,4-Dioxane

Due to the nature of the sample matrix (foamy), a reduced aliquot size had to be used for the analysis of sample PIN12-S67C (LDU 905). The reporting limit haS been elevated accordingly.

In some cases, due to high constituent concentration, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Internal standard 1,4-Dichlorobenzene-d4 failed to meet acceptance criteria for sample PIN12-S67C (LDU 905). As this internal standard is not associated with the analyte of interest (1,4-Dioxane), data are reported as is.

The MSD aliquot of the MS/MSD associated with batch 280-164929 exhibited the percent recovery outside the control limits. The LCS and LCSD were within control limits.

MS/MSD data is not available for batch 280-164670, due to a QC failure associated with the parent sample, requiring reanalysis. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39772-1	PIN12-0555A	Water	03/07/2013 1605	03/09/2013 0930
280-39772-1MS	PIN12-0555A	Water	03/07/2013 1605	03/09/2013 0930
280-39772-1MSD	PIN12-0555A	Water	03/07/2013 1605	03/09/2013 0930
280-39772-2	PIN12-0555B	Water	03/07/2013 1640	03/09/2013 0930
280-39772-2MS	PIN12-0555B	Water	03/07/2013 1640	03/09/2013 0930
280-39772-2MSD	PIN12-0555B	Water	03/07/2013 1640	03/09/2013 0930
280-39772-3	PIN12-0555C	Water	03/07/2013 1740	03/09/2013 0930
280-39772-4	PIN12-0565-1	Water	03/06/2013 0936	03/09/2013 0930
280-39772-5	PIN12-0565-2	Water	03/06/2013 1015	03/09/2013 0930
280-39772-6	PIN12-0565-3	Water	03/06/2013 1110	03/09/2013 0930
280-39772-7	PIN12-0573-1	Water	03/06/2013 1335	03/09/2013 0930
280-39772-8	PIN12-0573-2	Water	03/06/2013 1405	03/09/2013 0930
280-39772-9	PIN12-0573-3	Water	03/06/2013 1440	03/09/2013 0930
280-39772-10	PIN12-0575-1	Water	03/06/2013 1540	03/09/2013 0930
280-39772-11	PIN12-0575-2	Water	03/06/2013 1620	03/09/2013 0930
280-39772-12	PIN12-0580-1	Water	03/07/2013 0935	03/09/2013 0930
280-39772-13	PIN12-0580-2	Water	03/07/2013 1030	03/09/2013 0930
280-39772-14	PIN12-0580-3	Water	03/07/2013 1110	03/09/2013 0930
280-39772-15	PIN12-2450	Water	03/07/2013 1200	03/09/2013 0930
280-39772-16	PIN12-S67B	Water	03/07/2013 1315	03/09/2013 0930
280-39772-17	PIN12-S67C	Water	03/07/2013 1225	03/09/2013 0930
280-39772-18	PIN12-S67D	Water	03/07/2013 1355	03/09/2013 0930
280-39772-19	PIN99-2198	Water	03/06/2013 1200	03/09/2013 0930

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39772-3	**PIN12-0555C**					
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.43	J	1.0	ug/L	8260B
280-39772-6	**PIN12-0565-3**					
Acetone		10	J	40	ug/L	8260B
280-39772-8	**PIN12-0573-2**					
Acetone		18	J	40	ug/L	8260B
280-39772-10	**PIN12-0575-1**					
Acetone		8.3	J	40	ug/L	8260B
1,4-Dioxane		1.9		1.0	ug/L	8260B SIM
280-39772-12	**PIN12-0580-1**					
cis-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260B
Vinyl chloride		4.2		1.0	ug/L	8260B
1,4-Dioxane		4.0		1.0	ug/L	8260B SIM
280-39772-13	**PIN12-0580-2**					
1,1-Dichloroethane		6.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		5.0		1.0	ug/L	8260B
Vinyl chloride		150		4.0	ug/L	8260B
1,4-Dioxane		160		20	ug/L	8260B SIM
280-39772-14	**PIN12-0580-3**					
1,1-Dichloroethane		2.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.88	J	1.0	ug/L	8260B
Vinyl chloride		23		1.0	ug/L	8260B
1,4-Dioxane		28		2.0	ug/L	8260B SIM
280-39772-15	**PIN12-2450**					
1,1-Dichloroethane		6.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		16		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.0		1.0	ug/L	8260B
Vinyl chloride		150		4.0	ug/L	8260B
1,4-Dioxane		190		20	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39772-16	**PIN12-S67B**					
1,1-Dichloroethane		32		1.0	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.3		1.0	ug/L	8260B
Vinyl chloride		250		10	ug/L	8260B
1,4-Dioxane		91		10	ug/L	8260B SIM
280-39772-17	**PIN12-S67C**					
1,1-Dichloroethane		7.6		1.0	ug/L	8260B
cis-1,2-Dichloroethene		48		1.0	ug/L	8260B
trans-1,2-Dichloroethene		9.7		1.0	ug/L	8260B
1,1-Dichloroethene		0.64	J	1.0	ug/L	8260B
Vinyl chloride		65		4.0	ug/L	8260B
280-39772-18	**PIN12-S67D**					
1,1-Dichloroethane		0.86	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.2		1.0	ug/L	8260B
trans-1,2-Dichloroethene		1.9		1.0	ug/L	8260B
Vinyl chloride		11		1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method	Analyst	Analyst ID
SW846 8260B	Berger, Brent	BB
SW846 8260B	Dobransky, Michael E	MD
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555A**

Lab Sample ID: 280-39772-1
Client Matrix: Water

Date Sampled: 03/07/2013 1605
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1862.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2211			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555A**

Lab Sample ID: 280-39772-1
Client Matrix: Water

Date Sampled: 03/07/2013 1605
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1862.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2211			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555B**

Lab Sample ID: 280-39772-2
Client Matrix: Water

Date Sampled: 03/07/2013 1640
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1863.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2234			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2234				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555B**

Lab Sample ID: 280-39772-2
Client Matrix: Water

Date Sampled: 03/07/2013 1640
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1863.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2234			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2234				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	89		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555C**

Lab Sample ID: 280-39772-3
Client Matrix: Water

Date Sampled: 03/07/2013 1740
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1870.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0116			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0116				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.1		0.15	1.0
trans-1,2-Dichloroethene	0.43	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555C**

Lab Sample ID: 280-39772-3
Client Matrix: Water

Date Sampled: 03/07/2013 1740
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1870.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0116			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0116				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-1**

Lab Sample ID: 280-39772-4
Client Matrix: Water

Date Sampled: 03/06/2013 0936
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6154.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1426			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1426				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-1**

Lab Sample ID: 280-39772-4
Client Matrix: Water

Date Sampled: 03/06/2013 0936
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6154.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1426			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1426				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-2**

Lab Sample ID: 280-39772-5
Client Matrix: Water

Date Sampled: 03/06/2013 1015
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6155.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1445			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1445				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-2**

Lab Sample ID: 280-39772-5
Client Matrix: Water

Date Sampled: 03/06/2013 1015
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6155.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1445			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1445				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-3**

Lab Sample ID: 280-39772-6
Client Matrix: Water

Date Sampled: 03/06/2013 1110
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6156.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1504			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1504				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	J	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-3**

Lab Sample ID: 280-39772-6
Client Matrix: Water

Date Sampled: 03/06/2013 1110
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6156.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1504			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1504				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-1**

Lab Sample ID: 280-39772-7
Client Matrix: Water

Date Sampled: 03/06/2013 1335
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6148.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1232			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-1**

Lab Sample ID: 280-39772-7
Client Matrix: Water

Date Sampled: 03/06/2013 1335
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6148.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1232			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-2**

Lab Sample ID: 280-39772-8
Client Matrix: Water

Date Sampled: 03/06/2013 1405
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6149.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1251			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1251				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	18	J	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-2**

Lab Sample ID: 280-39772-8
Client Matrix: Water

Date Sampled: 03/06/2013 1405
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6149.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1251			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1251				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-3**

Lab Sample ID: 280-39772-9
Client Matrix: Water

Date Sampled: 03/06/2013 1440
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6150.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1310			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1310				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-3**

Lab Sample ID: 280-39772-9
Client Matrix: Water

Date Sampled: 03/06/2013 1440
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6150.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1310			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1310				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0575-1**

Lab Sample ID: 280-39772-10
Client Matrix: Water

Date Sampled: 03/06/2013 1540
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6151.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1329			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1329				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.3	J	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0575-1**

Lab Sample ID: 280-39772-10
Client Matrix: Water

Date Sampled: 03/06/2013 1540
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6151.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1329			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1329				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0575-2**

Lab Sample ID: 280-39772-11
Client Matrix: Water

Date Sampled: 03/06/2013 1620
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6152.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1348			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1348				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0575-2**

Lab Sample ID: 280-39772-11
Client Matrix: Water

Date Sampled: 03/06/2013 1620
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6152.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 1348			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1348				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-1**

Lab Sample ID: 280-39772-12
Client Matrix: Water

Date Sampled: 03/07/2013 0935
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1871.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0139			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.54	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-1**

Lab Sample ID: 280-39772-12
Client Matrix: Water

Date Sampled: 03/07/2013 0935
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1871.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0139			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-2**

Lab Sample ID: 280-39772-13
Client Matrix: Water

Date Sampled: 03/07/2013 1030
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1872.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0202			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0202				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	6.7		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	18		0.15	1.0
trans-1,2-Dichloroethene	5.0		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-2**

Lab Sample ID: 280-39772-13
Client Matrix: Water

Date Sampled: 03/07/2013 1030
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1872.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0202			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0202				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-2**

Lab Sample ID: 280-39772-13
Client Matrix: Water

Date Sampled: 03/07/2013 1030
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1919.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 2140	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2140				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	150		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	67	X	70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	76	X	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-3**

Lab Sample ID: 280-39772-14
Client Matrix: Water

Date Sampled: 03/07/2013 1110
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1873.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0225			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0225				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	12		0.15	1.0
trans-1,2-Dichloroethene	0.88	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-3**

Lab Sample ID: 280-39772-14
Client Matrix: Water

Date Sampled: 03/07/2013 1110
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1873.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0225			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0225				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	23		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-39772-15
Client Matrix: Water

Date Sampled: 03/07/2013 1200
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1874.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0248			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	6.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	16		0.15	1.0
trans-1,2-Dichloroethene	4.0		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-39772-15
Client Matrix: Water

Date Sampled: 03/07/2013 1200
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1874.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0248			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0248				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-39772-15
Client Matrix: Water

Date Sampled: 03/07/2013 1200
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1920.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 2203	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2203				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	150		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	72		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	83		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-39772-16
Client Matrix: Water

Date Sampled: 03/07/2013 1315
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1875.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0311			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	32		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	13		0.15	1.0
trans-1,2-Dichloroethene	3.3		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-39772-16
Client Matrix: Water

Date Sampled: 03/07/2013 1315
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1875.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0311			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	89		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-39772-16
Client Matrix: Water

Date Sampled: 03/07/2013 1315
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1921.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/15/2013 2226	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2226				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	250		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	70		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	80		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-39772-17
Client Matrix: Water

Date Sampled: 03/07/2013 1225
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1876.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0333			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0333				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	7.6		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	48		0.15	1.0
trans-1,2-Dichloroethene	9.7		0.15	1.0
1,1-Dichloroethene	0.64	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-39772-17
Client Matrix: Water

Date Sampled: 03/07/2013 1225
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1876.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0333			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0333				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-39772-17
Client Matrix: Water

Date Sampled: 03/07/2013 1225
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1939.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2013 0524	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0524				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	65		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-39772-18
Client Matrix: Water

Date Sampled: 03/07/2013 1355
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1877.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0356			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0356				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.86	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.2		0.15	1.0
trans-1,2-Dichloroethene	1.9		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-39772-18
Client Matrix: Water

Date Sampled: 03/07/2013 1355
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1877.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0356			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0356				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	11		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	93		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2198**

Lab Sample ID: 280-39772-19
Client Matrix: Water

Date Sampled: 03/06/2013 1200
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6153.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1407			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2198**

Lab Sample ID: 280-39772-19
Client Matrix: Water

Date Sampled: 03/06/2013 1200
Date Received: 03/09/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	g2_6153.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1407			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555A**

Lab Sample ID: 280-39772-1
Client Matrix: Water

Date Sampled: 03/07/2013 1605
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 2146			Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 2146				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555B**

Lab Sample ID: 280-39772-2
Client Matrix: Water

Date Sampled: 03/07/2013 1640
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 2204			Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 2204				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0555C**

Lab Sample ID: 280-39772-3
Client Matrix: Water

Date Sampled: 03/07/2013 1740
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3719.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 2256			Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 2256				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-1**

Lab Sample ID: 280-39772-4
Client Matrix: Water

Date Sampled: 03/06/2013 0936
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3720.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 2314			Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 2314				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-2**

Lab Sample ID: 280-39772-5
Client Matrix: Water

Date Sampled: 03/06/2013 1015
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3721.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 2331			Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 2331				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0565-3**

Lab Sample ID: 280-39772-6
Client Matrix: Water

Date Sampled: 03/06/2013 1110
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3722.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 2349			Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 2349				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-1**

Lab Sample ID: 280-39772-7
Client Matrix: Water

Date Sampled: 03/06/2013 1335
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3723.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 0006			Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 0006				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-2**

Lab Sample ID: 280-39772-8
Client Matrix: Water

Date Sampled: 03/06/2013 1405
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3724.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 0024			Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 0024				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0573-3**

Lab Sample ID: 280-39772-9
Client Matrix: Water

Date Sampled: 03/06/2013 1440
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3725.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 0041			Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 0041				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0575-1**

Lab Sample ID: 280-39772-10
Client Matrix: Water

Date Sampled: 03/06/2013 1540
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3726.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 0059			Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 0059				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.9		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0575-2**

Lab Sample ID: 280-39772-11
Client Matrix: Water

Date Sampled: 03/06/2013 1620
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3727.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 0116			Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 0116				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-1**

Lab Sample ID: 280-39772-12
Client Matrix: Water

Date Sampled: 03/07/2013 0935
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3728.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 0134			Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 0134				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.0		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-2**

Lab Sample ID: 280-39772-13
Client Matrix: Water

Date Sampled: 03/07/2013 1030
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3741.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/13/2013 2100			Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 2100				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	160		4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0580-3**

Lab Sample ID: 280-39772-14
Client Matrix: Water

Date Sampled: 03/07/2013 1110
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3795.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0323			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0323				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	28		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-39772-15
Client Matrix: Water

Date Sampled: 03/07/2013 1200
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3796.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2013 0341			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0341				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	190		4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-39772-16
Client Matrix: Water

Date Sampled: 03/07/2013 1315
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3744.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/13/2013 2153			Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 2153				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	91		2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-39772-17
Client Matrix: Water

Date Sampled: 03/07/2013 1225
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3844.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/16/2013 0420			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0420				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-39772-18
Client Matrix: Water

Date Sampled: 03/07/2013 1355
Date Received: 03/09/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3767.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 0434			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 0434				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-39772-1	PIN12-0555A	85	75	96	90
280-39772-2	PIN12-0555B	89	84	92	89
280-39772-3	PIN12-0555C	106	101	105	103
280-39772-4	PIN12-0565-1	94	87	94	88
280-39772-5	PIN12-0565-2	90	87	91	90
280-39772-6	PIN12-0565-3	94	87	94	90
280-39772-7	PIN12-0573-1	90	85	93	90
280-39772-8	PIN12-0573-2	91	85	95	91
280-39772-9	PIN12-0573-3	92	87	93	89
280-39772-10	PIN12-0575-1	92	87	95	88
280-39772-11	PIN12-0575-2	92	88	94	90
280-39772-12	PIN12-0580-1	92	89	88	84
280-39772-13	PIN12-0580-2	94	94	89	88
280-39772-13 DL	PIN12-0580-2 DL	76X	67X	88	85
280-39772-14	PIN12-0580-3	100	97	99	97
280-39772-15	PIN12-2450	96	98	94	91
280-39772-15 DL	PIN12-2450 DL	83	72	96	89
280-39772-16	PIN12-S67B	89	86	88	84
280-39772-16 DL	PIN12-S67B DL	80	70	91	83
280-39772-17	PIN12-S67C	100	97	100	98
280-39772-17 DL	PIN12-S67C DL	95	80	100	90
280-39772-18	PIN12-S67D	93	87	92	89
280-39772-19	PIN99-2198	94	85	95	86
MB 280-164920/5		93	89	94	90
MB 280-164934/7		86	83	95	88
MB 280-165112/5		82	73	92	84
LCS 280-164920/4		93	92	92	92
LCS 280-164934/6		88	83	95	88
LCS 280-165112/4		84	82	94	86

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-39772-1 MS	PIN12-0555A MS	89	84	92	88
280-39751-I-1 MS		91	87	99	86
280-39756-O-16 MS		89	83	90	87
280-39772-1 MSD	PIN12-0555A MSD	89	85	90	88
280-39751-I-1 MSD		93	87	98	86
280-39756-O-16 MSD		91	89	91	89

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-39772-1	PIN12-0555A	99
280-39772-2	PIN12-0555B	96
280-39772-3	PIN12-0555C	94
280-39772-4	PIN12-0565-1	96
280-39772-5	PIN12-0565-2	97
280-39772-6	PIN12-0565-3	102
280-39772-7	PIN12-0573-1	100
280-39772-8	PIN12-0573-2	103
280-39772-9	PIN12-0573-3	101
280-39772-10	PIN12-0575-1	103
280-39772-11	PIN12-0575-2	102
280-39772-12	PIN12-0580-1	102
280-39772-13	PIN12-0580-2	108
280-39772-14	PIN12-0580-3	103
280-39772-15	PIN12-2450	108
280-39772-16	PIN12-S67B	99
280-39772-17	PIN12-S67C	120
280-39772-18	PIN12-S67D	114
MB 280-164432/5		95
MB 280-164670/5		105
MB 280-164929/17		99
MB 280-165111/5		99
LCS 280-164432/3		92
LCS 280-164670/3		106
LCS 280-164929/15		102
LCS 280-165111/3		103
LCSD 280-164432/4		94
LCSD 280-164670/4		103
LCSD 280-164929/16		97

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCSD 280-165111/4		105
280-39772-2 MS	PIN12-0555B MS	96
280-39873-C-4 MS		97
280-39873-A-2 MS		98
280-39772-2 MSD	PIN12-0555B MSD	98
280-39873-C-4 MSD		100
280-39873-A-2 MSD		102

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-164920

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-164920/5	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1859.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2102	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2102				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-164920

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-164920/5	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1859.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2102	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2102				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-164920

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-164920/4	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1858.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2039	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2039				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.50	90	74 - 135	
Bromodichloromethane	5.00	5.18	104	73 - 135	
Carbon tetrachloride	5.00	5.43	109	67 - 135	
Chlorobenzene	5.00	4.35	87	76 - 135	
Chloroform	5.00	5.09	102	76 - 120	
1,3-Dichlorobenzene	5.00	4.57	91	74 - 135	
1,1-Dichloroethane	5.00	4.56	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.61	92	75 - 135	
1,1-Dichloroethene	5.00	5.15	103	71 - 136	
1,2-Dichloropropane	5.00	4.58	92	71 - 120	
Ethylbenzene	5.00	4.57	91	72 - 120	
Methylene Chloride	5.00	4.29	86	54 - 141	
Tetrachloroethene	5.00	4.50	90	70 - 135	
Toluene	5.00	4.59	92	73 - 120	
1,1,1-Trichloroethane	5.00	5.42	108	70 - 135	
Trichloroethene	5.00	4.76	95	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 127
Toluene-d8 (Surr)	92	80 - 125
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164920

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39772-1	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1864.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2258			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2258				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39772-1	Analysis Batch:	280-164920	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1865.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2321			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2321				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	96	87	74 - 135	10	20		
Bromodichloromethane	101	95	73 - 135	6	20		
Carbon tetrachloride	120	104	67 - 135	14	21		
Chlorobenzene	95	85	76 - 135	11	20		
Chloroform	107	97	76 - 120	10	20		
1,3-Dichlorobenzene	102	91	74 - 135	11	20		
1,1-Dichloroethane	95	86	75 - 135	10	21		
trans-1,2-Dichloroethene	101	92	75 - 135	9	24		
1,1-Dichloroethene	111	99	71 - 136	11	20		
1,2-Dichloropropane	90	81	71 - 120	11	20		
Ethylbenzene	103	92	72 - 120	11	26		
Methylene Chloride	76	70	54 - 141	8	20		
Tetrachloroethene	103	93	70 - 135	10	20		
Toluene	100	91	73 - 120	10	20		
1,1,1-Trichloroethane	120	106	70 - 135	12	20		
Trichloroethene	106	96	73 - 135	10	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	85	70 - 127
Toluene-d8 (Surr)	92	90	80 - 125
4-Bromofluorobenzene (Surr)	88	88	78 - 120
Dibromofluoromethane (Surr)	89	89	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164920

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39772-1	Units:	ug/L	MSD Lab Sample ID:	280-39772-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2013 2258			Analysis Date:	03/14/2013 2321
Prep Date:	03/14/2013 2258			Prep Date:	03/14/2013 2321
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.79	4.33
Bromodichloromethane	0.17	U	5.00	5.00	5.06	4.76
Carbon tetrachloride	0.19	U	5.00	5.00	5.98	5.18
Chlorobenzene	0.17	U	5.00	5.00	4.76	4.25
Chloroform	0.16	U	5.00	5.00	5.33	4.84
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.09	4.56
1,1-Dichloroethane	0.22	U	5.00	5.00	4.75	4.30
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.04	4.60
1,1-Dichloroethene	0.23	U	5.00	5.00	5.56	4.95
1,2-Dichloropropane	0.18	U	5.00	5.00	4.50	4.04
Ethylbenzene	0.16	U	5.00	5.00	5.13	4.61
Methylene Chloride	0.32	U	5.00	5.00	3.79	3.50
Tetrachloroethene	0.20	U	5.00	5.00	5.14	4.66
Toluene	0.17	U	5.00	5.00	5.02	4.54
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.99	5.31
Trichloroethene	0.16	U	5.00	5.00	5.28	4.78

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-164934

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-164934/7	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	g2_6134.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0716	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0716				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-164934

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-164934/7	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	g2_6134.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0716	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0716				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	88	78 - 120
Dibromofluoromethane (Surr)	86	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-164934

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-164934/6	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	g2_6133.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0650	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0650				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.06	81	74 - 135	
Bromodichloromethane	5.00	3.79	76	73 - 135	
Carbon tetrachloride	5.00	3.79	76	67 - 135	
Chlorobenzene	5.00	4.13	83	76 - 135	
Chloroform	5.00	3.96	79	76 - 120	
1,3-Dichlorobenzene	5.00	4.27	85	74 - 135	
1,1-Dichloroethane	5.00	4.08	82	75 - 135	
trans-1,2-Dichloroethene	5.00	4.19	84	75 - 135	
1,1-Dichloroethene	5.00	4.47	89	71 - 136	
1,2-Dichloropropane	5.00	4.16	83	71 - 120	
Ethylbenzene	5.00	4.25	85	72 - 120	
Methylene Chloride	5.00	2.75	55	54 - 141	
Tetrachloroethene	5.00	4.25	85	70 - 135	
Toluene	5.00	4.23	85	73 - 120	
1,1,1-Trichloroethane	5.00	3.92	78	70 - 135	
Trichloroethene	5.00	4.00	80	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	88	78 - 120
Dibromofluoromethane (Surr)	88	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164934

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39751-I-1 MS	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	g2_6139.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0940			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0940				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39751-I-1 MSD	Analysis Batch:	280-164934	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	g2_6140.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 0959			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0959				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	86	84	74 - 135	2	20		
Bromodichloromethane	84	83	73 - 135	2	20		
Carbon tetrachloride	77	77	67 - 135	0	21		
Chlorobenzene	89	85	76 - 135	5	20		
Chloroform	86	84	76 - 120	3	20		
1,3-Dichlorobenzene	86	87	74 - 135	1	20		
1,1-Dichloroethane	90	87	75 - 135	3	21		
trans-1,2-Dichloroethene	85	82	75 - 135	3	24		
1,1-Dichloroethene	97	95	71 - 136	2	20		
1,2-Dichloropropane	88	87	71 - 120	1	20		
Ethylbenzene	90	89	72 - 120	1	26		
Methylene Chloride	56	56	54 - 141	1	20		
Tetrachloroethene	90	89	70 - 135	2	20		
Toluene	87	86	73 - 120	2	20		
1,1,1-Trichloroethane	81	79	70 - 135	1	20		
Trichloroethene	84	84	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	87	70 - 127
Toluene-d8 (Surr)	99	98	80 - 125
4-Bromofluorobenzene (Surr)	86	86	78 - 120
Dibromofluoromethane (Surr)	91	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164934

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39751-I-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-39751-I-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/15/2013 0940			Analysis Date:	03/15/2013 0959
Prep Date:	03/15/2013 0940			Prep Date:	03/15/2013 0959
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.32	4.22
Bromodichloromethane	0.17	U	5.00	5.00	4.22	4.13
Carbon tetrachloride	0.19	U	5.00	5.00	3.87	3.85
Chlorobenzene	0.17	U	5.00	5.00	4.47	4.27
Chloroform	0.16	U	5.00	5.00	4.28	4.18
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.32	4.36
1,1-Dichloroethane	0.22	U	5.00	5.00	4.48	4.34
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.24	4.09
1,1-Dichloroethene	0.23	U	5.00	5.00	4.87	4.76
1,2-Dichloropropane	0.18	U	5.00	5.00	4.39	4.37
Ethylbenzene	0.16	U	5.00	5.00	4.48	4.43
Methylene Chloride	0.32	U	5.00	5.00	2.81	2.78
Tetrachloroethene	0.20	U	5.00	5.00	4.51	4.44
Toluene	0.17	U	5.00	5.00	4.37	4.29
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.03	3.97
Trichloroethene	0.16	U	5.00	5.00	4.20	4.18

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-165112

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165112/5	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1914.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1939	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1939				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-165112

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165112/5	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1914.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1939	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1939				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	73	70 - 127
Toluene-d8 (Surr)	92	80 - 125
4-Bromofluorobenzene (Surr)	84	78 - 120
Dibromofluoromethane (Surr)	82	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165112

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165112/4	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1913.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1916	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1916				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.25	105	74 - 135	
Bromodichloromethane	5.00	4.95	99	73 - 135	
Carbon tetrachloride	5.00	4.66	93	67 - 135	
Chlorobenzene	5.00	4.90	98	76 - 135	
Chloroform	5.00	4.81	96	76 - 120	
1,3-Dichlorobenzene	5.00	4.92	98	74 - 135	
1,1-Dichloroethane	5.00	4.77	95	75 - 135	
trans-1,2-Dichloroethene	5.00	5.14	103	75 - 135	
1,1-Dichloroethene	5.00	5.69	114	71 - 136	
1,2-Dichloropropane	5.00	5.16	103	71 - 120	
Ethylbenzene	5.00	5.23	105	72 - 120	
Methylene Chloride	5.00	4.76	95	54 - 141	
Tetrachloroethene	5.00	4.90	98	70 - 135	
Toluene	5.00	5.13	103	73 - 120	
1,1,1-Trichloroethane	5.00	4.77	95	70 - 135	
Trichloroethene	5.00	4.98	100	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	86	78 - 120
Dibromofluoromethane (Surr)	84	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165112

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39756-O-16 MS	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1916.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 2030			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2030				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39756-O-16 MSD	Analysis Batch:	280-165112	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1917.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 2053			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2053				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	99	92	74 - 135	7	20		
Bromodichloromethane	102	99	73 - 135	2	20		
Carbon tetrachloride	90	83	67 - 135	9	21		
Chlorobenzene	92	89	76 - 135	4	20		
Chloroform	96	92	76 - 120	4	20		
1,3-Dichlorobenzene	95	90	74 - 135	5	20		
1,1-Dichloroethane	92	84	75 - 135	9	21		
trans-1,2-Dichloroethene	96	88	75 - 135	8	24		
1,1-Dichloroethene	110	99	71 - 136	11	20		
1,2-Dichloropropane	101	97	71 - 120	4	20		
Ethylbenzene	95	89	72 - 120	6	26		
Methylene Chloride	84	85	54 - 141	2	20		
Tetrachloroethene	88	81	70 - 135	9	20		
Toluene	98	94	73 - 120	4	20		
1,1,1-Trichloroethane	93	86	70 - 135	8	20		
Trichloroethene	95	88	73 - 135	8	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	89	70 - 127
Toluene-d8 (Surr)	90	91	80 - 125
4-Bromofluorobenzene (Surr)	87	89	78 - 120
Dibromofluoromethane (Surr)	89	91	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165112

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39756-O-16 MS	Units:	ug/L	MSD Lab Sample ID:	280-39756-O-16 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/15/2013 2030			Analysis Date:	03/15/2013 2053
Prep Date:	03/15/2013 2030			Prep Date:	03/15/2013 2053
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.93	4.60
Bromodichloromethane	0.17	U	5.00	5.00	5.09	4.97
Carbon tetrachloride	0.19	U	5.00	5.00	4.50	4.13
Chlorobenzene	0.17	U	5.00	5.00	4.60	4.43
Chloroform	0.16	U	5.00	5.00	4.82	4.62
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.74	4.49
1,1-Dichloroethane	0.22	U	5.00	5.00	4.60	4.19
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.78	4.39
1,1-Dichloroethene	0.23	U	5.00	5.00	5.51	4.96
1,2-Dichloropropane	0.18	U	5.00	5.00	5.06	4.86
Ethylbenzene	0.16	U	5.00	5.00	4.74	4.46
Methylene Chloride	0.32	U	5.00	5.00	4.18	4.27
Tetrachloroethene	0.20	U	5.00	5.00	4.40	4.04
Toluene	0.17	U	5.00	5.00	4.92	4.72
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.67	4.30
Trichloroethene	0.16	U	5.00	5.00	4.76	4.40

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-164432

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-164432/5	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3709.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 1959	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 1959				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-164432

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164432/3	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3707.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 1924	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 1924				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-164432/4	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3708.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 1942	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 1942				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	85	89	25 - 141	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	94	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-164432

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164432/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-164432/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/12/2013 1924			Analysis Date:	03/12/2013 1942
Prep Date:	03/12/2013 1924			Prep Date:	03/12/2013 1942
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.26	4.43

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164432

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39772-2	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3717.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 2221			Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 2221				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39772-2	Analysis Batch:	280-164432	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2013 2239			Final Weight/Volume:	20 mL
Prep Date:	03/12/2013 2239				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	94	97	25 - 141	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	98	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164432

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39772-2	Units:	ug/L	MSD Lab Sample ID:	280-39772-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/12/2013 2221			Analysis Date:	03/12/2013 2239
Prep Date:	03/12/2013 2221			Prep Date:	03/12/2013 2239
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	4.70	4.83

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-164670

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-164670/5	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3740.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 2042	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 2042				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-164670

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164670/3	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3738.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 2007	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 2007				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-164670/4	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3739.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 2025	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 2025				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	83	78	25 - 141	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	103	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-164670

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164670/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-164670/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2013 2007			Analysis Date:	03/13/2013 2025
Prep Date:	03/13/2013 2007			Prep Date:	03/13/2013 2025
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.17	3.90

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-164929/17	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3783.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2354	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2354				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164929/15	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3781.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2319	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2319				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-164929/16	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3782.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2336	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2336				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	80	89	25 - 141	10	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164929/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-164929/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2013 2319			Analysis Date:	03/14/2013 2336
Prep Date:	03/14/2013 2319			Prep Date:	03/14/2013 2336
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.00	4.43

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-C-4 MS	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3787.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2013 0104			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0104				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39873-C-4 MSD	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3788.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2013 0121			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0121				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	125	154	25 - 141	10	20		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	100	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-C-4 MS	Units: ug/L	MSD Lab Sample ID:	280-39873-C-4 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/15/2013 0104		Analysis Date:	03/15/2013 0121	
Prep Date:	03/15/2013 0104		Prep Date:	03/15/2013 0121	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,4-Dioxane	170	100	100	292	322	F

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Method Blank - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-165111/5	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3822.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1916	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1916				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165111/3	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3820.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1841	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1841				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-165111/4	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3821.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1859	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1859				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	78	82	25 - 141	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	105	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165111/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-165111/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/15/2013 1841			Analysis Date:	03/15/2013 1859
Prep Date:	03/15/2013 1841			Prep Date:	03/15/2013 1859
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	3.91	4.09

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-A-2 MS	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3824.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 1951			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1951				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39873-A-2 MSD	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3825.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 2009			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2009				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	89	94	25 - 141	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	102	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-A-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-39873-A-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/15/2013 1951			Analysis Date:	03/15/2013 2009
Prep Date:	03/15/2013 1951			Prep Date:	03/15/2013 2009
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.44	U	10.0	10.0	8.95	9.44

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-164432					
LCS 280-164432/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-164432/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-164432/5	Method Blank	T	Water	8260B SIM	
280-39772-1	PIN12-0555A	T	Water	8260B SIM	
280-39772-2	PIN12-0555B	T	Water	8260B SIM	
280-39772-2MS	Matrix Spike	T	Water	8260B SIM	
280-39772-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39772-3	PIN12-0555C	T	Water	8260B SIM	
280-39772-4	PIN12-0565-1	T	Water	8260B SIM	
280-39772-5	PIN12-0565-2	T	Water	8260B SIM	
280-39772-6	PIN12-0565-3	T	Water	8260B SIM	
280-39772-7	PIN12-0573-1	T	Water	8260B SIM	
280-39772-8	PIN12-0573-2	T	Water	8260B SIM	
280-39772-9	PIN12-0573-3	T	Water	8260B SIM	
280-39772-10	PIN12-0575-1	T	Water	8260B SIM	
280-39772-11	PIN12-0575-2	T	Water	8260B SIM	
280-39772-12	PIN12-0580-1	T	Water	8260B SIM	
Analysis Batch:280-164670					
LCS 280-164670/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-164670/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-164670/5	Method Blank	T	Water	8260B SIM	
280-39772-13	PIN12-0580-2	T	Water	8260B SIM	
280-39772-16	PIN12-S67B	T	Water	8260B SIM	
280-39772-18	PIN12-S67D	T	Water	8260B SIM	
Analysis Batch:280-164920					
LCS 280-164920/4	Lab Control Sample	T	Water	8260B	
MB 280-164920/5	Method Blank	T	Water	8260B	
280-39772-1	PIN12-0555A	T	Water	8260B	
280-39772-1MS	Matrix Spike	T	Water	8260B	
280-39772-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39772-2	PIN12-0555B	T	Water	8260B	
280-39772-3	PIN12-0555C	T	Water	8260B	
280-39772-12	PIN12-0580-1	T	Water	8260B	
280-39772-13	PIN12-0580-2	T	Water	8260B	
280-39772-14	PIN12-0580-3	T	Water	8260B	
280-39772-15	PIN12-2450	T	Water	8260B	
280-39772-16	PIN12-S67B	T	Water	8260B	
280-39772-17	PIN12-S67C	T	Water	8260B	
280-39772-18	PIN12-S67D	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-39772-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-164929					
LCS 280-164929/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-164929/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-164929/17	Method Blank	T	Water	8260B SIM	
280-39772-14	PIN12-0580-3	T	Water	8260B SIM	
280-39772-15	PIN12-2450	T	Water	8260B SIM	
280-39873-C-4 MS	Matrix Spike	T	Water	8260B SIM	
280-39873-C-4 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-164934					
LCS 280-164934/6	Lab Control Sample	T	Water	8260B	
MB 280-164934/7	Method Blank	T	Water	8260B	
280-39751-I-1 MS	Matrix Spike	T	Water	8260B	
280-39751-I-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39772-4	PIN12-0565-1	T	Water	8260B	
280-39772-5	PIN12-0565-2	T	Water	8260B	
280-39772-6	PIN12-0565-3	T	Water	8260B	
280-39772-7	PIN12-0573-1	T	Water	8260B	
280-39772-8	PIN12-0573-2	T	Water	8260B	
280-39772-9	PIN12-0573-3	T	Water	8260B	
280-39772-10	PIN12-0575-1	T	Water	8260B	
280-39772-11	PIN12-0575-2	T	Water	8260B	
280-39772-19	PIN99-2198	T	Water	8260B	
Analysis Batch:280-165111					
LCS 280-165111/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-165111/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-165111/5	Method Blank	T	Water	8260B SIM	
280-39772-17	PIN12-S67C	T	Water	8260B SIM	
280-39873-A-2 MS	Matrix Spike	T	Water	8260B SIM	
280-39873-A-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-165112					
LCS 280-165112/4	Lab Control Sample	T	Water	8260B	
MB 280-165112/5	Method Blank	T	Water	8260B	
280-39756-O-16 MS	Matrix Spike	T	Water	8260B	
280-39756-O-16 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39772-13DL	PIN12-0580-2	T	Water	8260B	
280-39772-15DL	PIN12-2450	T	Water	8260B	
280-39772-16DL	PIN12-S67B	T	Water	8260B	
280-39772-17DL	PIN12-S67C	T	Water	8260B	

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-39873-1

SDG Number: 13025120

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
3/27/2013 12:13 PM

Kae E Yoder
Project Manager II
kae.yoder@testamericainc.com
03/27/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

Table of Contents

Table of Contents

CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13025120

Report Number: 280-39873-1

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted. Calculations are performed before rounding to avoid round-off errors in calculated results.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/13/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.7º C.

GC/MS VOLATILES - SW846 8260B

In some cases, due to high concentrations of target analytes and/or the nature of the sample matrix (foamy), reduced aliquot sizes had to be used for the analysis of samples. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

Sample PIN12-0539 (LDU 854) was received at the laboratory with insufficient preservation measuring a pH of 7. If samples are not preserved to a pH of 2.0 and analyses are performed outside a 7 day holding time, experimental evidence suggests that some aromatic compounds in wastewater samples, notably benzene, toluene, and ethylbenzene are susceptible to biological degradation. The sample was analyzed within the normal 14 day holding time, but outside a 7 day holding time.

The MSD aliquot of the MS/MSD performed on sample PIN12-0524 (LDU 852) in batch 280-165236 exhibited spike compound recoveries outside the control limits, biased high. The LCS was within control limits.

The accuracy and precision of the MS/MSD associated with batch 280-165434 could not be reliably evaluated for some compounds, as the concentrations present in the parent sample are 4 times greater than the matrix spike concentrations. In addition, MS and/or MSD concentrations are present above the instrument calibration range for some compounds. The LCS and LCSD were within control limits.

The MS/MSD associated with batch 280-165627 exhibited percent recoveries outside the control limits, biased high, for 1,1-Dichloroethane. The LCS was within control limits.

No other anomalies were encountered.

GC/MS VOLATILES - SW846 8260B SIM - 1,4-Dioxane

In some cases, due to the nature of the sample matrix (foamy) and/or due to high constituent concentration, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Surrogate 1,2-Dichloroethane-d4 was recovered outside the control limits, biased high, in samples PIN12-0581-1 (LDU-876), PIN12-0581-2 (LDU 877) and PIN12-0582-1 (LDU 879). As no detectable concentrations are present in the sampleS, data are reported as is.

In some cases, the internal standard response for 1,4-Dichlorobenzene-d4 was outside acceptance criteria for samples in batch 280-165111. As this internal standard is not associated with the analyte of interest (1,4-Dioxane), data are reported as is.

MS/MSD data is not available for batch 280-164670, due to a QC failure associated with the parent sample, requiring reanalysis. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

The MSD aliquot of the MS/MSD performed on sample PIN12-0540 (LDU 855) in batch 280-164929 exhibited the percent recovery outside the control limits, biased high. The LCS and LCSD were within control limits.

The RPD limit was exceeded in the MS/MSD associated with batch 280-165812. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

The MS/MSD associated with batch 280-166279 exhibited percent recoveries outside the control limits, biased high. It can be noted that the MS and MSD concentrations were present above the instrument calibration range. The LCS and LCSD were within control limits.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39873-1	PIN12-0524	Water	03/09/2013 0748	03/13/2013 0900
280-39873-1MS	PIN12-0524	Water	03/09/2013 0748	03/13/2013 0900
280-39873-1MSD	PIN12-0524	Water	03/09/2013 0748	03/13/2013 0900
280-39873-2	PIN12-0525	Water	03/09/2013 0826	03/13/2013 0900
280-39873-2MS	PIN12-0525	Water	03/09/2013 0826	03/13/2013 0900
280-39873-2MSD	PIN12-0525	Water	03/09/2013 0826	03/13/2013 0900
280-39873-3	PIN12-0539	Water	03/08/2013 1635	03/13/2013 0900
280-39873-4	PIN12-0540	Water	03/08/2013 1548	03/13/2013 0900
280-39873-5	PIN12-0541	Water	03/08/2013 1241	03/13/2013 0900
280-39873-6	PIN12-0542	Water	03/08/2013 1310	03/13/2013 0900
280-39873-7	PIN12-0549	Water	03/08/2013 1413	03/13/2013 0900
280-39873-8	PIN12-0554A	Water	03/08/2013 0919	03/13/2013 0900
280-39873-9	PIN12-0554B	Water	03/08/2013 1005	03/13/2013 0900
280-39873-10	PIN12-0554C	Water	03/08/2013 1110	03/13/2013 0900
280-39873-11	PIN12-0581-1	Water	03/11/2013 0851	03/13/2013 0900
280-39873-12	PIN12-0581-2	Water	03/11/2013 0923	03/13/2013 0900
280-39873-13	PIN12-0581-3	Water	03/11/2013 1025	03/13/2013 0900
280-39873-14	PIN12-0582-1	Water	03/11/2013 1147	03/13/2013 0900
280-39873-15	PIN12-0582-2	Water	03/11/2013 1218	03/13/2013 0900
280-39873-16	PIN12-0582-3	Water	03/11/2013 1253	03/13/2013 0900
280-39873-17	PIN12-0585-3	Water	03/09/2013 1133	03/13/2013 0900
280-39873-18	PIN12-2451	Water	03/11/2013 1200	03/13/2013 0900
280-39873-19	PIN12-2452	Water	03/11/2013 1210	03/13/2013 0900
280-39873-20	PIN12-S71B	Water	03/09/2013 0908	03/13/2013 0900
280-39873-21	PIN12-S71C	Water	03/09/2013 0936	03/13/2013 0900
280-39873-22	PIN12-S71D	Water	03/09/2013 1026	03/13/2013 0900
280-39873-23	PIN12-S73B	Water	03/11/2013 1430	03/13/2013 0900
280-39873-24	PIN12-S73C	Water	03/11/2013 1603	03/13/2013 0900
280-39873-25	PIN12-S73D	Water	03/11/2013 1648	03/13/2013 0900
280-39873-26	PIN99-2448	Water	03/08/2013 0900	03/13/2013 0900

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39873-1	**PIN12-0524**					
Benzene		1.9	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		570		20	ug/L	8260B
trans-1,2-Dichloroethene		7.1		2.0	ug/L	8260B
1,1-Dichloroethene		16		2.0	ug/L	8260B
Vinyl chloride		600		20	ug/L	8260B
280-39873-2	**PIN12-0525**					
cis-1,2-Dichloroethene		1.3		1.0	ug/L	8260B
280-39873-3	**PIN12-0539**					
Acetone		4.7	J	10	ug/L	8260B
1,1-Dichloroethane		4.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.6		1.0	ug/L	8260B
trans-1,2-Dichloroethene		1.3		1.0	ug/L	8260B
Vinyl chloride		53		4.0	ug/L	8260B
1,4-Dioxane		38		4.0	ug/L	8260B SIM
280-39873-4	**PIN12-0540**					
Acetone		5.7	J	10	ug/L	8260B
1,1-Dichloroethane		20		1.0	ug/L	8260B
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.8		1.0	ug/L	8260B
Vinyl chloride		230		10	ug/L	8260B
1,4-Dioxane		170		20	ug/L	8260B SIM
280-39873-5	**PIN12-0541**					
Acetone		10		10	ug/L	8260B
cis-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
280-39873-6	**PIN12-0542**					
Methylene Chloride		4.4		4.0	ug/L	8260B
280-39873-7	**PIN12-0549**					
Acetone		14		10	ug/L	8260B
1,1-Dichloroethane		0.24	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.17	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39873-8	**PIN12-0554A**					
Acetone		9.8	J	10	ug/L	8260B
280-39873-10	**PIN12-0554C**					
Acetone		6.7	J	10	ug/L	8260B
1,1-Dichloroethane		64		2.0	ug/L	8260B
cis-1,2-Dichloroethene		16		1.0	ug/L	8260B
trans-1,2-Dichloroethene		5.5		1.0	ug/L	8260B
1,1-Dichloroethene		1.0		1.0	ug/L	8260B
Vinyl chloride		88		2.0	ug/L	8260B
1,4-Dioxane		76		5.0	ug/L	8260B SIM
280-39873-11	**PIN12-0581-1**					
Acetone		8.7	J	10	ug/L	8260B
1,1-Dichloroethane		0.89	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260B
Vinyl chloride		0.50	J	1.0	ug/L	8260B
280-39873-12	**PIN12-0581-2**					
1,1-Dichloroethane		9.4	J	10	ug/L	8260B
cis-1,2-Dichloroethene		2.9	J	10	ug/L	8260B
Methylene Chloride		3.7	J	10	ug/L	8260B
280-39873-13	**PIN12-0581-3**					
Acetone		9.3	J	20	ug/L	8260B
280-39873-14	**PIN12-0582-1**					
Acetone		7.3	J	10	ug/L	8260B
1,1-Dichloroethane		0.43	J	1.0	ug/L	8260B
Vinyl chloride		1.2		1.0	ug/L	8260B
280-39873-15	**PIN12-0582-2**					
Acetone		7.3	J	20	ug/L	8260B
1,1-Dichloroethane		49		2.0	ug/L	8260B
cis-1,2-Dichloroethene		13		2.0	ug/L	8260B
trans-1,2-Dichloroethene		2.3		2.0	ug/L	8260B
1,1-Dichloroethene		0.63	J	2.0	ug/L	8260B
Vinyl chloride		74		10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39873-16	**PIN12-0582-3**					
cis-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		1.2		1.0	ug/L	8260B
280-39873-17	**PIN12-0585-3**					
Carbon disulfide		4.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		140		5.0	ug/L	8260B
trans-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
1,1-Dichloroethene		4.0		1.0	ug/L	8260B
2-Hexanone		3.9	J	5.0	ug/L	8260B
Trichloroethene		0.71	J	1.0	ug/L	8260B
Vinyl chloride		200		5.0	ug/L	8260B
280-39873-18	**PIN12-2451**					
1,1-Dichloroethane		12		1.0	ug/L	8260B
cis-1,2-Dichloroethene		3.6		1.0	ug/L	8260B
1,1-Dichloroethene		0.47	J	1.0	ug/L	8260B
Vinyl chloride		7.3		1.0	ug/L	8260B
280-39873-19	**PIN12-2452**					
1,1-Dichloroethane		46		1.0	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.5		1.0	ug/L	8260B
1,1-Dichloroethene		0.72	J	1.0	ug/L	8260B
Naphthalene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		130		4.0	ug/L	8260B
1,4-Dioxane		170		40	ug/L	8260B SIM
280-39873-21	**PIN12-S71C**					
1,1-Dichloroethane		2.9		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		10		1.0	ug/L	8260B
1,1-Dichloroethene		0.29	J	1.0	ug/L	8260B
Vinyl chloride		44		1.0	ug/L	8260B
1,4-Dioxane		34		2.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39873-22	**PIN12-S71D**					
1,1-Dichloroethane		2.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		29		1.0	ug/L	8260B
trans-1,2-Dichloroethene		17		1.0	ug/L	8260B
1,1-Dichloroethene		0.60	J	1.0	ug/L	8260B
Vinyl chloride		60		1.0	ug/L	8260B
280-39873-23	**PIN12-S73B**					
1,1-Dichloroethane		0.36	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.4		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.50	J	1.0	ug/L	8260B
Vinyl chloride		11		1.0	ug/L	8260B
280-39873-24	**PIN12-S73C**					
1,1-Dichloroethane		11		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		17		1.0	ug/L	8260B
1,1-Dichloroethene		0.47	J	1.0	ug/L	8260B
Vinyl chloride		230		5.0	ug/L	8260B
1,4-Dioxane		130		10	ug/L	8260B SIM
280-39873-25	**PIN12-S73D**					
cis-1,2-Dichloroethene		0.21	J	1.0	ug/L	8260B
Vinyl chloride		0.47	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method	Analyst	Analyst ID
SW846 8260B	Dobransky, Michael E	MD
SW846 8260B	Meier, Greg P	GPM
SW846 8260B	Wickham, Tom	TW
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-39873-1
Client Matrix: Water

Date Sampled: 03/09/2013 0748
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5339.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1142			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1142				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	U	3.8	20
Benzene	1.9	J	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	4.0	U	4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	0.44	U	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
trans-1,2-Dichloroethene	7.1		0.30	2.0
1,1-Dichloroethene	16		0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0
Styrene	0.34	U	0.34	2.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-39873-1
Client Matrix: Water

Date Sampled: 03/09/2013 0748
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5339.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1142			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1142				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.34	U	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichloroethene	0.32	U	0.32	2.0
Trichlorofluoromethane	0.58	U	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-39873-1
Client Matrix: Water

Date Sampled: 03/09/2013 0748
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5340.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2013 1202	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1202				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	570		3.0	20
Vinyl chloride	600		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-39873-2
Client Matrix: Water

Date Sampled: 03/09/2013 0826
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5343.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1304			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1304				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.3		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-39873-2
Client Matrix: Water

Date Sampled: 03/09/2013 0826
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5343.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1304			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1304				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	109		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-39873-3
Client Matrix: Water

Date Sampled: 03/08/2013 1635
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5344.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1324			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	4.8		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.6		0.15	1.0
trans-1,2-Dichloroethene	1.3		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-39873-3
Client Matrix: Water

Date Sampled: 03/08/2013 1635
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5344.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1324			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-39873-3
Client Matrix: Water

Date Sampled: 03/08/2013 1635
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2023.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1338	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	53		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	82		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-39873-4
Client Matrix: Water

Date Sampled: 03/08/2013 1548
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5345.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1345			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1345				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	20		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	12		0.15	1.0
trans-1,2-Dichloroethene	6.8		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-39873-4
Client Matrix: Water

Date Sampled: 03/08/2013 1548
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5345.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1345			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1345				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-39873-4
Client Matrix: Water

Date Sampled: 03/08/2013 1548
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2019.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/19/2013 1203	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1203				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	230		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-39873-5
Client Matrix: Water

Date Sampled: 03/08/2013 1241
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5347.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1426			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1426				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.20	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-39873-5
Client Matrix: Water

Date Sampled: 03/08/2013 1241
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5347.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1426			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1426				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-39873-6
Client Matrix: Water

Date Sampled: 03/08/2013 1310
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2028.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1536			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1536				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	4.4		1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-39873-6
Client Matrix: Water

Date Sampled: 03/08/2013 1310
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2028.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1536			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1536				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	84		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-39873-7
Client Matrix: Water

Date Sampled: 03/08/2013 1413
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5349.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1507			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1507				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	14		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.24	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.17	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-39873-7
Client Matrix: Water

Date Sampled: 03/08/2013 1413
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5349.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1507			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1507				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	124		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-39873-8
Client Matrix: Water

Date Sampled: 03/08/2013 0919
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5350.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1527			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-39873-8
Client Matrix: Water

Date Sampled: 03/08/2013 0919
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5350.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1527			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-39873-9
Client Matrix: Water

Date Sampled: 03/08/2013 1005
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2029.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1600			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1600				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-39873-9
Client Matrix: Water

Date Sampled: 03/08/2013 1005
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2029.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1600			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1600				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-39873-10
Client Matrix: Water

Date Sampled: 03/08/2013 1110
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5352.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1607			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1607				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	16		0.15	1.0
trans-1,2-Dichloroethene	5.5		0.15	1.0
1,1-Dichloroethene	1.0		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-39873-10
Client Matrix: Water

Date Sampled: 03/08/2013 1110
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5352.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1607			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1607				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-39873-10
Client Matrix: Water

Date Sampled: 03/08/2013 1110
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5353.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1627	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1627				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1-Dichloroethane	64		0.44	2.0
Vinyl chloride	88		0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-39873-11
Client Matrix: Water

Date Sampled: 03/11/2013 0851
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1648			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1648				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.89	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.26	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-39873-11
Client Matrix: Water

Date Sampled: 03/11/2013 0851
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1648			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1648				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.50	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	82		80 - 125
4-Bromofluorobenzene (Surr)	82		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-39873-12
Client Matrix: Water

Date Sampled: 03/11/2013 0923
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2021.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/19/2013 1250			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1250				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	19	U	19	100
Benzene	1.6	U	1.6	10
Bromobenzene	1.7	U	1.7	10
Bromochloromethane	1.0	U	1.0	10
Bromodichloromethane	1.7	U	1.7	10
Bromoform	1.9	U	1.9	10
Bromomethane	2.1	U	2.1	10
2-Butanone (MEK)	20	U	20	50
n-Butylbenzene	3.2	U	3.2	10
sec-Butylbenzene	1.7	U	1.7	10
tert-Butylbenzene	1.6	U	1.6	10
Carbon disulfide	4.5	U	4.5	10
Carbon tetrachloride	1.9	U	1.9	10
Chlorobenzene	1.7	U	1.7	10
Dibromochloromethane	1.7	U	1.7	10
Chloroethane	4.1	U	4.1	10
Chloroform	1.6	U	1.6	10
Chloromethane	3.0	U	3.0	10
2-Chlorotoluene	1.7	U	1.7	10
4-Chlorotoluene	2.1	U	2.1	10
1,2-Dibromo-3-Chloropropane	4.7	U	4.7	10
Dibromomethane	1.7	U	1.7	10
1,2-Dichlorobenzene	1.5	U	1.5	10
1,3-Dichlorobenzene	1.3	U	1.3	10
1,4-Dichlorobenzene	1.6	U	1.6	10
Dichlorodifluoromethane	3.1	U	3.1	10
1,1-Dichloroethane	9.4	J	2.2	10
1,2-Dichloroethane	1.3	U	1.3	10
cis-1,2-Dichloroethene	2.9	J	1.5	10
trans-1,2-Dichloroethene	1.5	U	1.5	10
1,1-Dichloroethene	2.3	U	2.3	10
1,2-Dichloropropane	1.8	U	1.8	10
1,3-Dichloropropane	2.2	U	2.2	10
2,2-Dichloropropane	1.8	U	1.8	10
cis-1,3-Dichloropropene	1.6	U	1.6	10
trans-1,3-Dichloropropene	1.9	U	1.9	10
1,1-Dichloropropene	1.9	U	1.9	10
Ethylbenzene	1.6	U	1.6	10
Hexachlorobutadiene	3.6	U	3.6	10
2-Hexanone	17	U	17	50
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	2.0	U	2.0	10
Methylene Chloride	3.7	J	3.2	10
4-Methyl-2-pentanone	9.8	U	9.8	50
Naphthalene	2.2	U	2.2	10
n-Propylbenzene	1.6	U	1.6	10

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-39873-12
Client Matrix: Water

Date Sampled: 03/11/2013 0923
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2021.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/19/2013 1250			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1250				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	1.7	U	1.7	10
1,1,1,2-Tetrachloroethane	2.1	U	2.1	10
1,1,2,2-Tetrachloroethane	2.1	U	2.1	10
Tetrachloroethene	2.0	U	2.0	10
Toluene	1.7	U	1.7	10
1,2,3-Trichlorobenzene	2.1	U	2.1	10
1,2,4-Trichlorobenzene	2.1	U	2.1	10
1,1,1-Trichloroethane	1.6	U	1.6	10
1,1,2-Trichloroethane	2.7	U	2.7	10
Trichloroethene	1.6	U	1.6	10
Trichlorofluoromethane	2.9	U	2.9	10
1,2,3-Trichloropropane	3.3	U	3.3	10
1,2,4-Trimethylbenzene	1.5	U	1.5	10
1,3,5-Trimethylbenzene	1.6	U	1.6	10
Vinyl chloride	1.0	U	1.0	10
Xylenes, Total	1.9	U	1.9	10
1,2-Dibromoethane	1.8	U	1.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	82		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-39873-13
Client Matrix: Water

Date Sampled: 03/11/2013 1025
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5356.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1728			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1728				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.3	J	3.8	20
Benzene	0.32	U	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	4.0	U	4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	0.44	U	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	0.30	U	0.30	2.0
trans-1,2-Dichloroethene	0.30	U	0.30	2.0
1,1-Dichloroethene	0.46	U	0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-39873-13
Client Matrix: Water

Date Sampled: 03/11/2013 1025
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5356.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1728			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1728				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.34	U	0.34	2.0
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.34	U	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichloroethene	0.32	U	0.32	2.0
Trichlorofluoromethane	0.58	U	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Vinyl chloride	0.20	U	0.20	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-39873-14
Client Matrix: Water

Date Sampled: 03/11/2013 1147
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5357.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1748			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1748				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.43	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-39873-14
Client Matrix: Water

Date Sampled: 03/11/2013 1147
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5357.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1748			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1748				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-39873-15
Client Matrix: Water

Date Sampled: 03/11/2013 1218
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5358.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1808			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1808				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.3	J	3.8	20
Benzene	0.32	U	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	4.0	U	4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	49		0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	13		0.30	2.0
trans-1,2-Dichloroethene	2.3		0.30	2.0
1,1-Dichloroethene	0.63	J	0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-39873-15
Client Matrix: Water

Date Sampled: 03/11/2013 1218
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5358.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1808			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1808				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.34	U	0.34	2.0
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.34	U	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichloroethene	0.32	U	0.32	2.0
Trichlorofluoromethane	0.58	U	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-39873-15
Client Matrix: Water

Date Sampled: 03/11/2013 1218
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2022.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/19/2013 1314	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1314				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	74		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	87		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-39873-16
Client Matrix: Water

Date Sampled: 03/11/2013 1253
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0948.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1042			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1042				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.20	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-39873-16
Client Matrix: Water

Date Sampled: 03/11/2013 1253
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0948.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1042			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1042				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-39873-17
Client Matrix: Water

Date Sampled: 03/09/2013 1133
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0950.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/19/2013 1127	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1127				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	140		0.75	5.0
Vinyl chloride	200		0.50	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-39873-17
Client Matrix: Water

Date Sampled: 03/09/2013 1133
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z2931.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0810			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0810				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	4.1		0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.1		0.15	1.0
1,1-Dichloroethene	4.0		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	3.9	J	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-39873-17
Client Matrix: Water

Date Sampled: 03/09/2013 1133
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z2931.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0810			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0810				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.71	J	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	119		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-39873-18
Client Matrix: Water

Date Sampled: 03/11/2013 1200
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0959.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1448			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	12		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	3.6		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.47	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-39873-18
Client Matrix: Water

Date Sampled: 03/11/2013 1200
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0959.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1448			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	7.3		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	127		70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-39873-19
Client Matrix: Water

Date Sampled: 03/11/2013 1210
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0960.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1510			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1510				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	46		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	13		0.15	1.0
trans-1,2-Dichloroethene	2.5		0.15	1.0
1,1-Dichloroethene	0.72	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.23	J	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-39873-19
Client Matrix: Water

Date Sampled: 03/11/2013 1210
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0960.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1510			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1510				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-39873-19
Client Matrix: Water

Date Sampled: 03/11/2013 1210
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z2932.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 0833	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0833				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	130		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-39873-20
Client Matrix: Water

Date Sampled: 03/09/2013 0908
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0962.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1554			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1554				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-39873-20
Client Matrix: Water

Date Sampled: 03/09/2013 0908
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0962.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1554			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1554				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-39873-21
Client Matrix: Water

Date Sampled: 03/09/2013 0936
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0963.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1617			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1617				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.9		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	18		0.15	1.0
trans-1,2-Dichloroethene	10		0.15	1.0
1,1-Dichloroethene	0.29	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-39873-21
Client Matrix: Water

Date Sampled: 03/09/2013 0936
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0963.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1617			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1617				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	44		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	126		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-39873-22
Client Matrix: Water

Date Sampled: 03/09/2013 1026
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z2933.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0857			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.8		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	29		0.15	1.0
trans-1,2-Dichloroethene	17		0.15	1.0
1,1-Dichloroethene	0.60	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-39873-22
Client Matrix: Water

Date Sampled: 03/09/2013 1026
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z2933.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0857			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0857				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	60		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	116		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-39873-23
Client Matrix: Water

Date Sampled: 03/11/2013 1430
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0965.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1701			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1701				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.36	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.4		0.15	1.0
trans-1,2-Dichloroethene	0.50	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-39873-23
Client Matrix: Water

Date Sampled: 03/11/2013 1430
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0965.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1701			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1701				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	11		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-39873-24
Client Matrix: Water

Date Sampled: 03/11/2013 1603
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z2934.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0919			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0919				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	11		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	18		0.15	1.0
trans-1,2-Dichloroethene	17		0.15	1.0
1,1-Dichloroethene	0.47	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-39873-24
Client Matrix: Water

Date Sampled: 03/11/2013 1603
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z2934.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0919			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0919				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-39873-24
Client Matrix: Water

Date Sampled: 03/11/2013 1603
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z2935.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/20/2013 0942	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0942				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	230		0.50	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-39873-25
Client Matrix: Water

Date Sampled: 03/11/2013 1648
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0967.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1745			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1745				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.21	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-39873-25
Client Matrix: Water

Date Sampled: 03/11/2013 1648
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0967.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1745			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1745				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.47	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2448**

Lab Sample ID: 280-39873-26
Client Matrix: Water

Date Sampled: 03/08/2013 0900
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0951.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1149			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1149				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2448**

Lab Sample ID: 280-39873-26
Client Matrix: Water

Date Sampled: 03/08/2013 0900
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0951.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1149			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1149				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-39873-1
Client Matrix: Water

Date Sampled: 03/09/2013 0748
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4018.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 2012			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2012				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-39873-2
Client Matrix: Water

Date Sampled: 03/09/2013 0826
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3823.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 1934			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1934				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-39873-3
Client Matrix: Water

Date Sampled: 03/08/2013 1635
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3785.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2013 0029			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	38		0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-39873-4
Client Matrix: Water

Date Sampled: 03/08/2013 1548
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3786.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2013 0046			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0046				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	170		4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-39873-5
Client Matrix: Water

Date Sampled: 03/08/2013 1241
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3753.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 0030			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 0030				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-39873-6
Client Matrix: Water

Date Sampled: 03/08/2013 1310
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3789.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0139			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-39873-7
Client Matrix: Water

Date Sampled: 03/08/2013 1413
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3790.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0156			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0156				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-39873-8
Client Matrix: Water

Date Sampled: 03/08/2013 0919
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3756.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 0122			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 0122				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-39873-9
Client Matrix: Water

Date Sampled: 03/08/2013 1005
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3791.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0214			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0214				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-39873-10
Client Matrix: Water

Date Sampled: 03/08/2013 1110
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3792.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/15/2013 0231			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0231				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	76		1.1	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-39873-11
Client Matrix: Water

Date Sampled: 03/11/2013 0851
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3826.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 2028			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2028				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	132	X	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-39873-12
Client Matrix: Water

Date Sampled: 03/11/2013 0923
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3827.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 2323			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2323				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	134	X	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-39873-13
Client Matrix: Water

Date Sampled: 03/11/2013 1025
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3932.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2013 2244			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2244				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-39873-14
Client Matrix: Water

Date Sampled: 03/11/2013 1147
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3829.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 2358			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2358				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	130	X	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-39873-15
Client Matrix: Water

Date Sampled: 03/11/2013 1218
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3933.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2013 2302			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2302				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-39873-16
Client Matrix: Water

Date Sampled: 03/11/2013 1253
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3831.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0033			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0033				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-39873-17
Client Matrix: Water

Date Sampled: 03/09/2013 1133
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3793.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0249			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0249				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-39873-18
Client Matrix: Water

Date Sampled: 03/11/2013 1200
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3832.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0051			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0051				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-39873-19
Client Matrix: Water

Date Sampled: 03/11/2013 1210
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4019.D
Dilution:	1.0			Initial Weight/Volume:	0.5 mL
Analysis Date:	03/22/2013 2029			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	170		8.8	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-39873-20
Client Matrix: Water

Date Sampled: 03/09/2013 0908
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3760.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 0232			Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 0232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-39873-21
Client Matrix: Water

Date Sampled: 03/09/2013 0936
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3794.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0306			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0306				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	34		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-39873-22
Client Matrix: Water

Date Sampled: 03/09/2013 1026
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3834.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0126			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0126				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-39873-23
Client Matrix: Water

Date Sampled: 03/11/2013 1430
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3835.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0143			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0143				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-39873-24
Client Matrix: Water

Date Sampled: 03/11/2013 1603
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4020.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/22/2013 2046			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2046				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	130		2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-39873-25
Client Matrix: Water

Date Sampled: 03/11/2013 1648
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4021.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 2104			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2104				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-39873-1	PIN12-0524	105	109	97	101
280-39873-1 DL	PIN12-0524 DL	114	121	101	101
280-39873-2	PIN12-0525	112	126	98	109
280-39873-3	PIN12-0539	103	113	90	95
280-39873-3 DL	PIN12-0539 DL	82	74	90	87
280-39873-4	PIN12-0540	105	113	91	94
280-39873-4 DL	PIN12-0540 DL	85	75	95	93
280-39873-5	PIN12-0541	103	117	87	94
280-39873-6	PIN12-0542	84	75	94	87
280-39873-7	PIN12-0549	109	124	95	96
280-39873-8	PIN12-0554A	115	127	92	99
280-39873-9	PIN12-0554B	85	76	90	88
280-39873-10	PIN12-0554C	111	123	95	95
280-39873-10 DL	PIN12-0554C DL	108	120	92	93
280-39873-11	PIN12-0581-1	95	110	82	82
280-39873-12	PIN12-0581-2	82	75	92	85
280-39873-13	PIN12-0581-3	112	125	94	97
280-39873-14	PIN12-0582-1	107	121	89	89
280-39873-15	PIN12-0582-2	110	119	92	90
280-39873-15 DL	PIN12-0582-2 DL	87	77	95	89
280-39873-16	PIN12-0582-3	111	127	101	102
280-39873-17 DL	PIN12-0585-3 DL	107	117	95	97
280-39873-17	PIN12-0585-3	99	101	119	96
280-39873-18	PIN12-2451	110	127	106	101
280-39873-19	PIN12-2452	106	123	94	96
280-39873-19 DL	PIN12-2452 DL	101	101	98	98
280-39873-20	PIN12-S71B	105	120	94	99
280-39873-21	PIN12-S71C	109	126	99	99
280-39873-22	PIN12-S71D	116	119	92	92

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-39873-23	PIN12-S73B	108	121	95	98
280-39873-24	PIN12-S73C	97	99	91	92
280-39873-24 DL	PIN12-S73C DL	95	94	92	92
280-39873-25	PIN12-S73D	108	122	98	95
280-39873-26	PIN99-2448	112	125	102	102
MB 280-165236/32		105	113	93	97
MB 280-165434/5		108	117	98	100
MB 280-165451/5		82	70	98	90
MB 280-165627/5		100	100	100	98
LCS 280-165236/31		106	112	92	89
LCS 280-165434/4		106	121	107	97
LCS 280-165451/4		85	74	98	94
LCS 280-165627/4		97	96	103	93
280-39873-1 MS	PIN12-0524 MS	105	114	93	95
280-39974-C-1 MS		108	122	113	106
280-39875-B-1 MS		84	74	96	90
280-40045-A-1 MS		97	96	96	92
280-39873-1 MSD	PIN12-0524 MSD	110	117	97	97
280-39974-C-1 MSD		104	120	100	93
280-39875-B-1 MSD		86	77	96	90
280-40045-A-1 MSD		100	100	98	92

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-39873-1	PIN12-0524	93
280-39873-2	PIN12-0525	99
280-39873-3	PIN12-0539	98
280-39873-4	PIN12-0540	100
280-39873-5	PIN12-0541	108
280-39873-6	PIN12-0542	103
280-39873-7	PIN12-0549	108
280-39873-8	PIN12-0554A	114
280-39873-9	PIN12-0554B	102
280-39873-10	PIN12-0554C	100
280-39873-11	PIN12-0581-1	132X
280-39873-12	PIN12-0581-2	134X
280-39873-13	PIN12-0581-3	99
280-39873-14	PIN12-0582-1	130X
280-39873-15	PIN12-0582-2	112
280-39873-16	PIN12-0582-3	112
280-39873-17	PIN12-0585-3	108
280-39873-18	PIN12-2451	121
280-39873-19	PIN12-2452	94
280-39873-20	PIN12-S71B	109
280-39873-21	PIN12-S71C	107
280-39873-22	PIN12-S71D	113
280-39873-23	PIN12-S73B	110
280-39873-24	PIN12-S73C	96
280-39873-25	PIN12-S73D	97
MB 280-164670/5		105
MB 280-164929/17		99
MB 280-165111/5		99
MB 280-165812/17		96

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
MB 280-166279/5		93
LCS 280-164670/3		106
LCS 280-164929/15		102
LCS 280-165111/3		103
LCS 280-165812/15		100
LCS 280-166279/3		97
LCSD 280-164670/4		103
LCSD 280-164929/16		97
LCSD 280-165111/4		105
LCSD 280-165812/16		96
LCSD 280-166279/4		97
280-39873-2 MS	PIN12-0525 MS	98
280-39873-4 MS	PIN12-0540 MS	97
280-39875-D-2 MS		98
280-39986-B-5 MS		105
280-39873-2 MSD	PIN12-0525 MSD	102
280-39873-4 MSD	PIN12-0540 MSD	100
280-39875-D-2 MSD		101
280-39986-B-5 MSD		107

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165236

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165236/32	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5338.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1050	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165236

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165236/32	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5338.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1050	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	97	78 - 120
Dibromofluoromethane (Surr)	105	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165236

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165236/31	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5337.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2013 1030	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1030				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.21	104	74 - 135	
Bromodichloromethane	5.00	5.67	113	73 - 135	
Carbon tetrachloride	5.00	6.69	134	67 - 135	
Chlorobenzene	5.00	4.87	97	76 - 135	
Chloroform	5.00	5.99	120	76 - 120	
1,3-Dichlorobenzene	5.00	4.91	98	74 - 135	
1,1-Dichloroethane	5.00	5.35	107	75 - 135	
trans-1,2-Dichloroethene	5.00	5.60	112	75 - 135	
1,1-Dichloroethene	5.00	5.91	118	71 - 136	
1,2-Dichloropropane	5.00	4.94	99	71 - 120	
Ethylbenzene	5.00	4.73	95	72 - 120	
Methylene Chloride	5.00	5.80	116	54 - 141	
Tetrachloroethene	5.00	5.37	107	70 - 135	
Toluene	5.00	5.44	109	73 - 120	
1,1,1-Trichloroethane	5.00	6.54	131	70 - 135	
Trichloroethene	5.00	5.38	108	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 127
Toluene-d8 (Surr)	92	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165236

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39873-1	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5341.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1222			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1222				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39873-1	Analysis Batch:	280-165236	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5342.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2013 1243			Final Weight/Volume:	20 mL
Prep Date:	03/18/2013 1243				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	104	106	74 - 135	2	20		
Bromodichloromethane	115	121	73 - 135	6	20		
Carbon tetrachloride	134	136	67 - 135	1	21		F
Chlorobenzene	97	98	76 - 135	1	20		
Chloroform	116	121	76 - 120	4	20		F
1,3-Dichlorobenzene	95	101	74 - 135	5	20		
1,1-Dichloroethane	110	115	75 - 135	5	21		
trans-1,2-Dichloroethene	108	114	75 - 135	3	24		
1,1-Dichloroethene	109	112	71 - 136	1	20		
1,2-Dichloropropane	97	98	71 - 120	0	20		
Ethylbenzene	95	97	72 - 120	2	26		
Methylene Chloride	106	109	54 - 141	3	20		
Tetrachloroethene	106	105	70 - 135	0	20		
Toluene	112	113	73 - 120	1	20		
1,1,1-Trichloroethane	132	136	70 - 135	3	20		F
Trichloroethene	109	110	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	117	70 - 127
Toluene-d8 (Surr)	93	97	80 - 125
4-Bromofluorobenzene (Surr)	95	97	78 - 120
Dibromofluoromethane (Surr)	105	110	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165236

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39873-1	Units:	ug/L	MSD Lab Sample ID:	280-39873-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/18/2013 1222			Analysis Date:	03/18/2013 1243
Prep Date:	03/18/2013 1222			Prep Date:	03/18/2013 1243
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	1.9	J	10.0	10.0	12.3	12.5	
Bromodichloromethane	0.34	U	10.0	10.0	11.5	12.1	
Carbon tetrachloride	0.38	U	10.0	10.0	13.4	13.6	F
Chlorobenzene	0.34	U	10.0	10.0	9.70	9.82	
Chloroform	0.32	U	10.0	10.0	11.6	12.1	F
1,3-Dichlorobenzene	0.26	U	10.0	10.0	9.54	10.1	
1,1-Dichloroethane	0.44	U	10.0	10.0	11.0	11.5	
trans-1,2-Dichloroethene	7.1		10.0	10.0	17.9	18.5	
1,1-Dichloroethene	16		10.0	10.0	27.4	27.6	
1,2-Dichloropropane	0.36	U	10.0	10.0	9.75	9.76	
Ethylbenzene	0.32	U	10.0	10.0	9.51	9.73	
Methylene Chloride	0.64	U	10.0	10.0	10.6	10.9	
Tetrachloroethene	0.40	U	10.0	10.0	10.6	10.5	
Toluene	0.34	U	10.0	10.0	11.2	11.3	
1,1,1-Trichloroethane	0.32	U	10.0	10.0	13.2	13.6	F
Trichloroethene	0.32	U	10.0	10.0	10.9	11.0	

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165434

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165434/5	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H0939.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0722	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0722				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165434

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165434/5	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H0939.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0722	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0722				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	100	78 - 120
Dibromofluoromethane (Surr)	108	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165434

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165434/4	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H0938.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0700	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0700				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.00	100	74 - 135	
Bromodichloromethane	5.00	5.49	110	73 - 135	
Carbon tetrachloride	5.00	5.98	120	67 - 135	
Chlorobenzene	5.00	5.15	103	76 - 135	
Chloroform	5.00	5.40	108	76 - 120	
1,3-Dichlorobenzene	5.00	4.81	96	74 - 135	
1,1-Dichloroethane	5.00	5.27	105	75 - 135	
trans-1,2-Dichloroethene	5.00	5.05	101	75 - 135	
1,1-Dichloroethene	5.00	5.59	112	71 - 136	
1,2-Dichloropropane	5.00	5.08	102	71 - 120	
Ethylbenzene	5.00	5.22	104	72 - 120	
Methylene Chloride	5.00	4.70	94	54 - 141	
Tetrachloroethene	5.00	5.96	119	70 - 135	
Toluene	5.00	5.12	102	73 - 120	
1,1,1-Trichloroethane	5.00	5.78	116	70 - 135	
Trichloroethene	5.00	5.16	103	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	70 - 127
Toluene-d8 (Surr)	107	80 - 125
4-Bromofluorobenzene (Surr)	97	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165434

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39974-C-1 MS	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H0941.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0807			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0807				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39974-C-1 MSD	Analysis Batch:	280-165434	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H0942.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0829			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0829				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	99	96	74 - 135	3	20		
Bromodichloromethane	110	118	73 - 135	7	20		
Carbon tetrachloride	133	77	67 - 135	10	21	4	4
Chlorobenzene	100	97	76 - 135	4	20		
Chloroform	124	91	76 - 120	6	20	4	4
1,3-Dichlorobenzene	104	91	74 - 135	12	20		
1,1-Dichloroethane	102	100	75 - 135	2	21		
trans-1,2-Dichloroethene	102	98	75 - 135	5	24		
1,1-Dichloroethene	109	104	71 - 136	4	20		
1,2-Dichloropropane	100	105	71 - 120	5	20		
Ethylbenzene	103	97	72 - 120	5	26		
Methylene Chloride	94	91	54 - 141	3	20		
Tetrachloroethene	247	81	70 - 135	14	20	E 4	4
Toluene	103	100	73 - 120	3	20		
1,1,1-Trichloroethane	118	111	70 - 135	5	20		
Trichloroethene	187	-984	73 - 135	10	20	E 4	E 4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	120	70 - 127
Toluene-d8 (Surr)	113	100	80 - 125
4-Bromofluorobenzene (Surr)	106	93	78 - 120
Dibromofluoromethane (Surr)	108	104	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165434

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39974-C-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-39974-C-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 0807			Analysis Date:	03/19/2013 0829
Prep Date:	03/19/2013 0807			Prep Date:	03/19/2013 0829
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	0.28	J	5.00	5.00	5.24		5.08	
Bromodichloromethane	0.17	U	5.00	5.00	5.52		5.91	
Carbon tetrachloride	23		5.00	5.00	29.9	4	27.2	4
Chlorobenzene	0.17	U	5.00	5.00	5.01		4.83	
Chloroform	24		5.00	5.00	29.9	4	28.2	4
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.18		4.57	
1,1-Dichloroethane	0.36	J	5.00	5.00	5.48		5.36	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.11		4.88	
1,1-Dichloroethene	0.88	J	5.00	5.00	6.31		6.06	
1,2-Dichloropropane	0.18	U	5.00	5.00	5.02		5.27	
Ethylbenzene	0.16	U	5.00	5.00	5.13		4.86	
Methylene Chloride	0.99	J	5.00	5.00	5.70		5.55	
Tetrachloroethene	53		5.00	5.00	65.5	E 4	57.2	4
Toluene	0.17	U	5.00	5.00	5.15		5.00	
1,1,1-Trichloroethane	0.75	J	5.00	5.00	6.63		6.29	
Trichloroethene	590		5.00	5.00	598	E 4	540	E 4

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165451

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165451/5	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0855	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0855				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165451

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165451/5	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0855	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0855				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	70	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	82	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165451

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165451/4	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0805	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0805				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.91	98	74 - 135	
Bromodichloromethane	5.00	4.45	89	73 - 135	
Carbon tetrachloride	5.00	4.50	90	67 - 135	
Chlorobenzene	5.00	4.62	92	76 - 135	
Chloroform	5.00	4.54	91	76 - 120	
1,3-Dichlorobenzene	5.00	4.84	97	74 - 135	
1,1-Dichloroethane	5.00	4.53	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.84	97	75 - 135	
1,1-Dichloroethene	5.00	5.45	109	71 - 136	
1,2-Dichloropropane	5.00	4.73	95	71 - 120	
Ethylbenzene	5.00	4.99	100	72 - 120	
Methylene Chloride	5.00	4.87	97	54 - 141	
Tetrachloroethene	5.00	4.34	87	70 - 135	
Toluene	5.00	4.83	97	73 - 120	
1,1,1-Trichloroethane	5.00	4.83	97	70 - 135	
Trichloroethene	5.00	4.81	96	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	85	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165451

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39875-B-1 MS	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1052			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1052				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39875-B-1 MSD	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1116			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1116				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	91	89	74 - 135	2	20		
Bromodichloromethane	85	84	73 - 135	1	20		
Carbon tetrachloride	84	81	67 - 135	4	21		
Chlorobenzene	88	84	76 - 135	5	20		
Chloroform	87	84	76 - 120	5	20		
1,3-Dichlorobenzene	90	87	74 - 135	3	20		
1,1-Dichloroethane	84	82	75 - 135	4	21		
trans-1,2-Dichloroethene	91	87	75 - 135	5	24		
1,1-Dichloroethene	101	96	71 - 136	4	20		
1,2-Dichloropropane	88	86	71 - 120	2	20		
Ethylbenzene	94	89	72 - 120	5	26		
Methylene Chloride	96	97	54 - 141	1	20		
Tetrachloroethene	84	79	70 - 135	6	20		
Toluene	90	90	73 - 120	0	20		
1,1,1-Trichloroethane	89	85	70 - 135	4	20		
Trichloroethene	89	85	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74	77	70 - 127
Toluene-d8 (Surr)	96	96	80 - 125
4-Bromofluorobenzene (Surr)	90	90	78 - 120
Dibromofluoromethane (Surr)	84	86	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165451

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39875-B-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-39875-B-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 1052			Analysis Date:	03/19/2013 1116
Prep Date:	03/19/2013 1052			Prep Date:	03/19/2013 1116
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.64	U	20.0	20.0	18.2	17.7
Bromodichloromethane	0.68	U	20.0	20.0	17.0	16.8
Carbon tetrachloride	0.76	U	20.0	20.0	16.8	16.2
Chlorobenzene	0.68	U	20.0	20.0	17.6	16.8
Chloroform	0.64	U	20.0	20.0	17.5	16.7
1,3-Dichlorobenzene	0.52	U	20.0	20.0	18.0	17.4
1,1-Dichloroethane	0.88	U	20.0	20.0	16.9	16.3
trans-1,2-Dichloroethene	0.60	U	20.0	20.0	18.1	17.3
1,1-Dichloroethene	0.92	U	20.0	20.0	20.2	19.3
1,2-Dichloropropane	0.72	U	20.0	20.0	17.5	17.2
Ethylbenzene	0.64	U	20.0	20.0	18.7	17.9
Methylene Chloride	4.1		20.0	20.0	23.3	23.5
Tetrachloroethene	0.80	U	20.0	20.0	16.8	15.8
Toluene	0.68	U	20.0	20.0	18.0	17.9
1,1,1-Trichloroethane	0.64	U	20.0	20.0	17.8	17.1
Trichloroethene	0.64	U	20.0	20.0	17.9	17.1

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165627

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165627/5	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z2929.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0724	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0724				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165627

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165627/5	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z2929.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0724	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0724				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	98	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165627

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165627/4	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z2928.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0701	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0701				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.65	93	74 - 135	
Bromodichloromethane	5.00	4.49	90	73 - 135	
Carbon tetrachloride	5.00	4.86	97	67 - 135	
Chlorobenzene	5.00	4.64	93	76 - 135	
Chloroform	5.00	4.78	96	76 - 120	
1,3-Dichlorobenzene	5.00	4.67	93	74 - 135	
1,1-Dichloroethane	5.00	4.81	96	75 - 135	
trans-1,2-Dichloroethene	5.00	4.96	99	75 - 135	
1,1-Dichloroethene	5.00	5.57	111	71 - 136	
1,2-Dichloropropane	5.00	4.54	91	71 - 120	
Ethylbenzene	5.00	4.69	94	72 - 120	
Methylene Chloride	5.00	4.74	95	54 - 141	
Tetrachloroethene	5.00	5.14	103	70 - 135	
Toluene	5.00	4.23	85	73 - 120	
1,1,1-Trichloroethane	5.00	4.98	100	70 - 135	
Trichloroethene	5.00	4.61	92	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 127
Toluene-d8 (Surr)	103	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	97	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165627

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-40045-A-1 MS	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z2939.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 1115			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 1115				
Leach Date:	N/A				

MSD Lab Sample ID:	280-40045-A-1 MSD	Analysis Batch:	280-165627	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z2940.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 1138			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 1138				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	96	95	74 - 135	1	20		
Bromodichloromethane	96	96	73 - 135	0	20		
Carbon tetrachloride	104	103	67 - 135	2	21		
Chlorobenzene	97	96	76 - 135	1	20		
Chloroform	99	99	76 - 120	0	20		
1,3-Dichlorobenzene	97	94	74 - 135	3	20		
1,1-Dichloroethane	101	100	75 - 135	1	21		
trans-1,2-Dichloroethene	133	134	75 - 135	1	24		
1,1-Dichloroethene	148	147	71 - 136	1	20	F	F
1,2-Dichloropropane	92	91	71 - 120	2	20		
Ethylbenzene	97	96	72 - 120	2	26		
Methylene Chloride	126	127	54 - 141	1	20		
Tetrachloroethene	104	102	70 - 135	2	20		
Toluene	97	96	73 - 120	1	20		
1,1,1-Trichloroethane	103	102	70 - 135	1	20		
Trichloroethene	97	94	73 - 135	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	100	70 - 127
Toluene-d8 (Surr)	96	98	80 - 125
4-Bromofluorobenzene (Surr)	92	92	78 - 120
Dibromofluoromethane (Surr)	97	100	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165627

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-40045-A-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-40045-A-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/20/2013 1115			Analysis Date:	03/20/2013 1138
Prep Date:	03/20/2013 1115			Prep Date:	03/20/2013 1138
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	0.16	U	5.00	5.00	4.80		4.76	
Bromodichloromethane	0.17	U	5.00	5.00	4.80		4.79	
Carbon tetrachloride	0.19	U	5.00	5.00	5.22		5.13	
Chlorobenzene	0.17	U	5.00	5.00	4.86		4.79	
Chloroform	0.16	U	5.00	5.00	4.95		4.93	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.83		4.70	
1,1-Dichloroethane	0.22	U	5.00	5.00	5.03		4.98	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	6.67		6.71	
1,1-Dichloroethene	0.23	U	5.00	5.00	7.42	F	7.37	F
1,2-Dichloropropane	0.18	U	5.00	5.00	4.62		4.54	
Ethylbenzene	0.16	U	5.00	5.00	4.87		4.79	
Methylene Chloride	0.32	U	5.00	5.00	6.28		6.37	
Tetrachloroethene	0.20	U	5.00	5.00	5.22		5.10	
Toluene	0.17	U	5.00	5.00	4.85		4.79	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.15		5.08	
Trichloroethene	0.16	U	5.00	5.00	4.83		4.71	

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-164670

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-164670/5	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3740.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 2042	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 2042				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-164670

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164670/3	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3738.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 2007	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 2007				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-164670/4	Analysis Batch:	280-164670	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3739.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2013 2025	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/13/2013 2025				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	83	78	25 - 141	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	103	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-164670

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164670/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-164670/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/13/2013 2007			Analysis Date:	03/13/2013 2025
Prep Date:	03/13/2013 2007			Prep Date:	03/13/2013 2025
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.17	3.90

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-164929/17	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3783.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2354	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2354				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164929/15	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3781.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2319	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2319				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-164929/16	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3782.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2336	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2336				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	80	89	25 - 141	10	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164929/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-164929/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2013 2319			Analysis Date:	03/14/2013 2336
Prep Date:	03/14/2013 2319			Prep Date:	03/14/2013 2336
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.00	4.43

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-4	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3787.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2013 0104			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0104				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39873-4	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3788.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2013 0121			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0121				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	125	154	25 - 141	10	20		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	100	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-4	Units: ug/L	MSD Lab Sample ID:	280-39873-4	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/15/2013 0104		Analysis Date:	03/15/2013 0121	
Prep Date:	03/15/2013 0104		Prep Date:	03/15/2013 0121	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,4-Dioxane	170	100	100	292	322	F

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-165111/5	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3822.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1916	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1916				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165111/3	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3820.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1841	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1841				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-165111/4	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3821.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1859	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1859				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	78	82	25 - 141	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	105	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165111/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-165111/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/15/2013 1841			Analysis Date:	03/15/2013 1859
Prep Date:	03/15/2013 1841			Prep Date:	03/15/2013 1859
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	3.91	4.09

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-2	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3824.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 1951			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1951				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39873-2	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3825.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 2009			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2009				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	89	94	25 - 141	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	102	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-2	Units:	ug/L	MSD Lab Sample ID:	280-39873-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/15/2013 1951			Analysis Date:	03/15/2013 2009
Prep Date:	03/15/2013 1951			Prep Date:	03/15/2013 2009
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.44	U	10.0	10.0	8.95	9.44

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-165812/17	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3931.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2222	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2222				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165812/15	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3929.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2147	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2147				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-165812/16	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3930.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2205	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2205				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	106	107	25 - 141	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165812/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-165812/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/20/2013 2147			Analysis Date:	03/20/2013 2205
Prep Date:	03/20/2013 2147			Prep Date:	03/20/2013 2205
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.32	5.35

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39875-D-2 MS	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3940.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0105			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0105				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39875-D-2 MSD	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3941.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0122			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0122				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	82	26	25 - 141	103	20		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	101	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39875-D-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-39875-D-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 0105			Analysis Date:	03/21/2013 0122
Prep Date:	03/21/2013 0105			Prep Date:	03/21/2013 0122
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,4-Dioxane	0.44	U	10.0	10.0	8.16	2.62	F

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Method Blank - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-166279/5	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1946	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1946				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166279/3	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1911	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1911				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-166279/4	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1929	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1929				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	103	103	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166279/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-166279/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 1911			Analysis Date:	03/22/2013 1929
Prep Date:	03/22/2013 1911			Prep Date:	03/22/2013 1929
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.16	5.14

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39986-B-5 MS	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2249			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2249				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39986-B-5 MSD	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2306			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2306				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	146	225	25 - 141	17	20	E F	E F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	107	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39986-B-5 MS	Units: ug/L	MSD Lab Sample ID:	280-39986-B-5 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/22/2013 2249		Analysis Date:	03/22/2013 2306	
Prep Date:	03/22/2013 2249		Prep Date:	03/22/2013 2306	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,4-Dioxane	27	10.0	10.0	41.9	E F	49.9	E F

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-164670					
LCS 280-164670/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-164670/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-164670/5	Method Blank	T	Water	8260B SIM	
280-39873-5	PIN12-0541	T	Water	8260B SIM	
280-39873-8	PIN12-0554A	T	Water	8260B SIM	
280-39873-20	PIN12-S71B	T	Water	8260B SIM	
Analysis Batch:280-164929					
LCS 280-164929/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-164929/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-164929/17	Method Blank	T	Water	8260B SIM	
280-39873-3	PIN12-0539	T	Water	8260B SIM	
280-39873-4	PIN12-0540	T	Water	8260B SIM	
280-39873-4MS	Matrix Spike	T	Water	8260B SIM	
280-39873-4MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39873-6	PIN12-0542	T	Water	8260B SIM	
280-39873-7	PIN12-0549	T	Water	8260B SIM	
280-39873-9	PIN12-0554B	T	Water	8260B SIM	
280-39873-10	PIN12-0554C	T	Water	8260B SIM	
280-39873-17	PIN12-0585-3	T	Water	8260B SIM	
280-39873-21	PIN12-S71C	T	Water	8260B SIM	
Analysis Batch:280-165111					
LCS 280-165111/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-165111/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-165111/5	Method Blank	T	Water	8260B SIM	
280-39873-2	PIN12-0525	T	Water	8260B SIM	
280-39873-2MS	Matrix Spike	T	Water	8260B SIM	
280-39873-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39873-11	PIN12-0581-1	T	Water	8260B SIM	
280-39873-12	PIN12-0581-2	T	Water	8260B SIM	
280-39873-14	PIN12-0582-1	T	Water	8260B SIM	
280-39873-16	PIN12-0582-3	T	Water	8260B SIM	
280-39873-18	PIN12-2451	T	Water	8260B SIM	
280-39873-22	PIN12-S71D	T	Water	8260B SIM	
280-39873-23	PIN12-S73B	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-165236					
LCS 280-165236/31	Lab Control Sample	T	Water	8260B	
MB 280-165236/32	Method Blank	T	Water	8260B	
280-39873-1	PIN12-0524	T	Water	8260B	
280-39873-1DL	PIN12-0524	T	Water	8260B	
280-39873-1MS	Matrix Spike	T	Water	8260B	
280-39873-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39873-2	PIN12-0525	T	Water	8260B	
280-39873-3	PIN12-0539	T	Water	8260B	
280-39873-4	PIN12-0540	T	Water	8260B	
280-39873-5	PIN12-0541	T	Water	8260B	
280-39873-7	PIN12-0549	T	Water	8260B	
280-39873-8	PIN12-0554A	T	Water	8260B	
280-39873-10	PIN12-0554C	T	Water	8260B	
280-39873-10DL	PIN12-0554C	T	Water	8260B	
280-39873-11	PIN12-0581-1	T	Water	8260B	
280-39873-13	PIN12-0581-3	T	Water	8260B	
280-39873-14	PIN12-0582-1	T	Water	8260B	
280-39873-15	PIN12-0582-2	T	Water	8260B	
Analysis Batch:280-165434					
LCS 280-165434/4	Lab Control Sample	T	Water	8260B	
MB 280-165434/5	Method Blank	T	Water	8260B	
280-39873-16	PIN12-0582-3	T	Water	8260B	
280-39873-17DL	PIN12-0585-3	T	Water	8260B	
280-39873-18	PIN12-2451	T	Water	8260B	
280-39873-19	PIN12-2452	T	Water	8260B	
280-39873-20	PIN12-S71B	T	Water	8260B	
280-39873-21	PIN12-S71C	T	Water	8260B	
280-39873-23	PIN12-S73B	T	Water	8260B	
280-39873-25	PIN12-S73D	T	Water	8260B	
280-39873-26	PIN99-2448	T	Water	8260B	
280-39974-C-1 MS	Matrix Spike	T	Water	8260B	
280-39974-C-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-165451					
LCS 280-165451/4	Lab Control Sample	T	Water	8260B	
MB 280-165451/5	Method Blank	T	Water	8260B	
280-39873-3DL	PIN12-0539	T	Water	8260B	
280-39873-4DL	PIN12-0540	T	Water	8260B	
280-39873-6	PIN12-0542	T	Water	8260B	
280-39873-9	PIN12-0554B	T	Water	8260B	
280-39873-12	PIN12-0581-2	T	Water	8260B	
280-39873-15DL	PIN12-0582-2	T	Water	8260B	
280-39875-B-1 MS	Matrix Spike	T	Water	8260B	
280-39875-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-39873-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-165627					
LCS 280-165627/4	Lab Control Sample	T	Water	8260B	
MB 280-165627/5	Method Blank	T	Water	8260B	
280-39873-17	PIN12-0585-3	T	Water	8260B	
280-39873-19DL	PIN12-2452	T	Water	8260B	
280-39873-22	PIN12-S71D	T	Water	8260B	
280-39873-24	PIN12-S73C	T	Water	8260B	
280-39873-24DL	PIN12-S73C	T	Water	8260B	
280-40045-A-1 MS	Matrix Spike	T	Water	8260B	
280-40045-A-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-165812					
LCS 280-165812/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-165812/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-165812/17	Method Blank	T	Water	8260B SIM	
280-39873-13	PIN12-0581-3	T	Water	8260B SIM	
280-39873-15	PIN12-0582-2	T	Water	8260B SIM	
280-39875-D-2 MS	Matrix Spike	T	Water	8260B SIM	
280-39875-D-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-166279					
LCS 280-166279/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-166279/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-166279/5	Method Blank	T	Water	8260B SIM	
280-39873-1	PIN12-0524	T	Water	8260B SIM	
280-39873-19	PIN12-2452	T	Water	8260B SIM	
280-39873-24	PIN12-S73C	T	Water	8260B SIM	
280-39873-25	PIN12-S73D	T	Water	8260B SIM	
280-39986-B-5 MS	Matrix Spike	T	Water	8260B SIM	
280-39986-B-5 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-39875-1

SDG Number: 13025120

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
3/27/2013 12:57 PM

Kae E Yoder
Project Manager II
kae.yoder@testamericainc.com
03/27/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

Table of Contents

Table of Contents

CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13025120

Report Number: 280-39875-1

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted. Calculations are performed before rounding to avoid round-off errors in calculated results.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/13/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were -0.3º C and 1.7º C.

GC/MS VOLATILES - SW846 8260B

In some cases, due to high concentrations of target analytes and/or the nature of the sample matrix (foamy), samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

Acetone, a common laboratory contaminant, was detected in the method blank associated with batch 280-165844 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated samples reported a result above the MDL and/or RL, the result has been “B” flagged.

No other anomalies were encountered.

GC/MS VOLATILES - SW846 8260B SIM - 1,4-Dioxane

Due to the nature of the sample matrix (foamy), the samples presented in this report had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Due to the presence of interfering, non-target analytes, as well as, the nature of the sample matrix (foamy), sample PIN12-0585-2 (LDU 886) had to be analyzed using a reduced aliquot size. The reporting limit has been elevated accordingly.

The internal standard response for 1,4-Dichlorobenzene-d4 was outside acceptance criteria for samples in batch 280-165111. As this internal standard is not associated with the analyte of interest (1,4-Dioxane), data are reported as is.

The MSD aliquot of the MS/MSD associated with batch 280-164929 exhibited the percent recovery outside the control limits, biased high. The LCS and LCSD were within control limits.

The RPD limit was exceeded in the MS/MSD performed on sample PIN12-0568-2 (LDU 868) in batch 280-165812. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39875-1	PIN12-0568-1	Water	03/11/2013 1456	03/13/2013 0900
280-39875-1MS	PIN12-0568-1	Water	03/11/2013 1456	03/13/2013 0900
280-39875-1MSD	PIN12-0568-1	Water	03/11/2013 1456	03/13/2013 0900
280-39875-2	PIN12-0568-2	Water	03/11/2013 1530	03/13/2013 0900
280-39875-2MS	PIN12-0568-2	Water	03/11/2013 1530	03/13/2013 0900
280-39875-2MSD	PIN12-0568-2	Water	03/11/2013 1530	03/13/2013 0900
280-39875-3	PIN12-0569-1	Water	03/08/2013 1305	03/13/2013 0900
280-39875-4	PIN12-0569-2	Water	03/08/2013 1355	03/13/2013 0900
280-39875-5	PIN12-0569-3	Water	03/08/2013 1445	03/13/2013 0900
280-39875-6	PIN12-0570-1	Water	03/08/2013 1535	03/13/2013 0900
280-39875-7	PIN12-0572-1	Water	03/11/2013 1313	03/13/2013 0900
280-39875-8	PIN12-0572-2	Water	03/11/2013 1350	03/13/2013 0900
280-39875-9	PIN12-0574-1	Water	03/11/2013 0908	03/13/2013 0900
280-39875-10	PIN12-0574-2	Water	03/11/2013 0958	03/13/2013 0900
280-39875-11	PIN12-0574-3	Water	03/11/2013 1050	03/13/2013 0900
280-39875-12	PIN12-0584-1	Water	03/09/2013 0820	03/13/2013 0900
280-39875-13	PIN12-0584-2	Water	03/09/2013 0850	03/13/2013 0900
280-39875-14	PIN12-0584-3	Water	03/09/2013 0955	03/13/2013 0900
280-39875-15	PIN12-0585-1	Water	03/09/2013 1055	03/13/2013 0900
280-39875-16	PIN12-0585-2	Water	03/09/2013 1135	03/13/2013 0900
280-39875-17	PIN12-S30B	Water	03/08/2013 0930	03/13/2013 0900
280-39875-18	PIN12-S33C	Water	03/08/2013 1036	03/13/2013 0900
280-39875-19	PIN12-S35B	Water	03/08/2013 1130	03/13/2013 0900
280-39875-20	PIN99-2199	Water	03/08/2013 1200	03/13/2013 0900
280-39875-21	PIN12-0568-3	Water	03/11/2013 1605	03/13/2013 0900
280-39875-22	PIN12-0570-2	Water	03/11/2013 1652	03/13/2013 0900

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39875-1	**PIN12-0568-1**					
Methylene Chloride		4.1		4.0	ug/L	8260B
280-39875-4	**PIN12-0569-2**					
cis-1,2-Dichloroethene		2.2	J	4.0	ug/L	8260B
1,4-Dioxane		1.6	J	2.0	ug/L	8260B SIM
280-39875-5	**PIN12-0569-3**					
cis-1,2-Dichloroethene		54		4.0	ug/L	8260B
1,1-Dichloroethene		2.5	J	4.0	ug/L	8260B
Vinyl chloride		37		4.0	ug/L	8260B
1,4-Dioxane		1.3	J	2.0	ug/L	8260B SIM
280-39875-8	**PIN12-0572-2**					
cis-1,2-Dichloroethene		200		5.0	ug/L	8260B
trans-1,2-Dichloroethene		1.7	J	5.0	ug/L	8260B
1,1-Dichloroethene		10		5.0	ug/L	8260B
Vinyl chloride		42		5.0	ug/L	8260B
280-39875-9	**PIN12-0574-1**					
cis-1,2-Dichloroethene		7.3		4.0	ug/L	8260B
Vinyl chloride		12		4.0	ug/L	8260B
280-39875-10	**PIN12-0574-2**					
Acetone		1.9	J	10	ug/L	8260B
cis-1,2-Dichloroethene		17		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.28	J	1.0	ug/L	8260B
Vinyl chloride		18		1.0	ug/L	8260B
280-39875-11	**PIN12-0574-3**					
cis-1,2-Dichloroethene		0.59	J	1.0	ug/L	8260B
Vinyl chloride		1.0		1.0	ug/L	8260B
280-39875-12	**PIN12-0584-1**					
Acetone		200		10	ug/L	8260B
2-Butanone (MEK)		15		5.0	ug/L	8260B
2-Hexanone		3.2	J	5.0	ug/L	8260B
4-Methyl-2-pentanone		1.3	J	5.0	ug/L	8260B
Naphthalene		1.7		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39875-13	**PIN12-0584-2**					
Benzene		0.17	J	1.0	ug/L	8260B
Carbon disulfide		0.55	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.31	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.35	J	1.0	ug/L	8260B
2-Hexanone		12		5.0	ug/L	8260B
Naphthalene		2.2		1.0	ug/L	8260B
Toluene		0.20	J	1.0	ug/L	8260B
280-39875-14	**PIN12-0584-3**					
Acetone		15	J B	20	ug/L	8260B
Vinyl chloride		1.0	J	2.0	ug/L	8260B
280-39875-15	**PIN12-0585-1**					
Acetone		8.4	J B	10	ug/L	8260B
cis-1,2-Dichloroethene		59		2.0	ug/L	8260B
trans-1,2-Dichloroethene		0.41	J	1.0	ug/L	8260B
1,1-Dichloroethene		2.7		1.0	ug/L	8260B
2-Hexanone		3.0	J	5.0	ug/L	8260B
Trichloroethene		5.3		1.0	ug/L	8260B
Vinyl chloride		9.8		1.0	ug/L	8260B
280-39875-16	**PIN12-0585-2**					
cis-1,2-Dichloroethene		3500		100	ug/L	8260B
trans-1,2-Dichloroethene		17		10	ug/L	8260B
1,1-Dichloroethene		160		10	ug/L	8260B
Trichloroethene		420		10	ug/L	8260B
Vinyl chloride		420		10	ug/L	8260B
280-39875-17	**PIN12-S30B**					
Acetone		9.3	J B	10	ug/L	8260B
1,1-Dichloroethane		0.70	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		43		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.5		1.0	ug/L	8260B
1,1-Dichloroethene		0.54	J	1.0	ug/L	8260B
Toluene		0.29	J	1.0	ug/L	8260B
Trichloroethene		23		1.0	ug/L	8260B
Vinyl chloride		10		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39875-18	**PIN12-S33C**					
Acetone		9.8	J B	20	ug/L	8260B
cis-1,2-Dichloroethene		920		20	ug/L	8260B
trans-1,2-Dichloroethene		48		2.0	ug/L	8260B
1,1-Dichloroethene		33		2.0	ug/L	8260B
Trichloroethene		180		20	ug/L	8260B
Vinyl chloride		150		20	ug/L	8260B
280-39875-19	**PIN12-S35B**					
cis-1,2-Dichloroethene		40000		1000	ug/L	8260B
trans-1,2-Dichloroethene		5100		100	ug/L	8260B
1,1-Dichloroethene		940		100	ug/L	8260B
Trichloroethene		5500		1000	ug/L	8260B
Vinyl chloride		12000		1000	ug/L	8260B
280-39875-20	**PIN99-2199**					
Acetone		5.1	J B	10	ug/L	8260B
Methylene Chloride		0.64	J	1.0	ug/L	8260B
280-39875-21	**PIN12-0568-3**					
Acetone		7.0	J B	10	ug/L	8260B
280-39875-22	**PIN12-0570-2**					
Acetone		5.8	J B	10	ug/L	8260B
Vinyl chloride		0.55	J	1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method	Analyst	Analyst ID
SW846 8260B	Berger, Brent	BB
SW846 8260B	Dobransky, Michael E	MD
SW846 8260B	Ilczyszyn, Dennis P	DPI
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-39875-1
Client Matrix: Water

Date Sampled: 03/11/2013 1456
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2015.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1029			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	4.1		1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-39875-1
Client Matrix: Water

Date Sampled: 03/11/2013 1456
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2015.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1029			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	81		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-39875-2
Client Matrix: Water

Date Sampled: 03/11/2013 1530
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3121.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1243			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1243				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-39875-2
Client Matrix: Water

Date Sampled: 03/11/2013 1530
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3121.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1243			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1243				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-39875-3
Client Matrix: Water

Date Sampled: 03/08/2013 1305
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2031.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1647			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-39875-3
Client Matrix: Water

Date Sampled: 03/08/2013 1305
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2031.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1647			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-39875-4
Client Matrix: Water

Date Sampled: 03/08/2013 1355
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2032.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1711			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1711				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	2.2	J	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-39875-4
Client Matrix: Water

Date Sampled: 03/08/2013 1355
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2032.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1711			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1711				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	83		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-39875-5
Client Matrix: Water

Date Sampled: 03/08/2013 1445
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2013.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 0942			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0942				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	54		0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	2.5	J	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-39875-5
Client Matrix: Water

Date Sampled: 03/08/2013 1445
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2013.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 0942			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0942				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	37		0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-39875-6
Client Matrix: Water

Date Sampled: 03/08/2013 1535
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2033.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1734			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1734				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-39875-6
Client Matrix: Water

Date Sampled: 03/08/2013 1535
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2033.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1734			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1734				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	84		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-39875-7
Client Matrix: Water

Date Sampled: 03/11/2013 1313
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2034.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1757			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1757				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-39875-7
Client Matrix: Water

Date Sampled: 03/11/2013 1313
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2034.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1757			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1757				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	82		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-39875-8
Client Matrix: Water

Date Sampled: 03/11/2013 1350
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2014.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/19/2013 1005			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.5	U	9.5	50
Benzene	0.80	U	0.80	5.0
Bromobenzene	0.85	U	0.85	5.0
Bromochloromethane	0.50	U	0.50	5.0
Bromodichloromethane	0.85	U	0.85	5.0
Bromoform	0.95	U	0.95	5.0
Bromomethane	1.1	U	1.1	5.0
2-Butanone (MEK)	10	U	10	25
n-Butylbenzene	1.6	U	1.6	5.0
sec-Butylbenzene	0.85	U	0.85	5.0
tert-Butylbenzene	0.80	U	0.80	5.0
Carbon disulfide	2.3	U	2.3	5.0
Carbon tetrachloride	0.95	U	0.95	5.0
Chlorobenzene	0.85	U	0.85	5.0
Dibromochloromethane	0.85	U	0.85	5.0
Chloroethane	2.1	U	2.1	5.0
Chloroform	0.80	U	0.80	5.0
Chloromethane	1.5	U	1.5	5.0
2-Chlorotoluene	0.85	U	0.85	5.0
4-Chlorotoluene	1.1	U	1.1	5.0
1,2-Dibromo-3-Chloropropane	2.4	U	2.4	5.0
Dibromomethane	0.85	U	0.85	5.0
1,2-Dichlorobenzene	0.75	U	0.75	5.0
1,3-Dichlorobenzene	0.65	U	0.65	5.0
1,4-Dichlorobenzene	0.80	U	0.80	5.0
Dichlorodifluoromethane	1.6	U	1.6	5.0
1,1-Dichloroethane	1.1	U	1.1	5.0
1,2-Dichloroethane	0.65	U	0.65	5.0
cis-1,2-Dichloroethene	200		0.75	5.0
trans-1,2-Dichloroethene	1.7	J	0.75	5.0
1,1-Dichloroethene	10		1.2	5.0
1,2-Dichloropropane	0.90	U	0.90	5.0
1,3-Dichloropropane	1.1	U	1.1	5.0
2,2-Dichloropropane	0.90	U	0.90	5.0
cis-1,3-Dichloropropene	0.80	U	0.80	5.0
trans-1,3-Dichloropropene	0.95	U	0.95	5.0
1,1-Dichloropropene	0.95	U	0.95	5.0
Ethylbenzene	0.80	U	0.80	5.0
Hexachlorobutadiene	1.8	U	1.8	5.0
2-Hexanone	8.5	U	8.5	25
Isopropylbenzene	0.95	U	0.95	5.0
4-Isopropyltoluene	1.0	U	1.0	5.0
Methylene Chloride	1.6	U	1.6	5.0
4-Methyl-2-pentanone	4.9	U	4.9	25
Naphthalene	1.1	U	1.1	5.0
n-Propylbenzene	0.80	U	0.80	5.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-39875-8
Client Matrix: Water

Date Sampled: 03/11/2013 1350
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2014.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/19/2013 1005			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1005				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.85	U	0.85	5.0
1,1,1,2-Tetrachloroethane	1.1	U	1.1	5.0
1,1,2,2-Tetrachloroethane	1.1	U	1.1	5.0
Tetrachloroethene	1.0	U	1.0	5.0
Toluene	0.85	U	0.85	5.0
1,2,3-Trichlorobenzene	1.1	U	1.1	5.0
1,2,4-Trichlorobenzene	1.1	U	1.1	5.0
1,1,1-Trichloroethane	0.80	U	0.80	5.0
1,1,2-Trichloroethane	1.4	U	1.4	5.0
Trichloroethene	0.80	U	0.80	5.0
Trichlorofluoromethane	1.5	U	1.5	5.0
1,2,3-Trichloropropane	1.7	U	1.7	5.0
1,2,4-Trimethylbenzene	0.75	U	0.75	5.0
1,3,5-Trimethylbenzene	0.80	U	0.80	5.0
Vinyl chloride	42		0.50	5.0
Xylenes, Total	0.95	U	0.95	5.0
1,2-Dibromoethane	0.90	U	0.90	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	75		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	86		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-39875-9
Client Matrix: Water

Date Sampled: 03/11/2013 0908
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2035.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1821			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	7.3		0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-39875-9
Client Matrix: Water

Date Sampled: 03/11/2013 0908
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2035.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1821			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	12		0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-39875-10
Client Matrix: Water

Date Sampled: 03/11/2013 0958
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3122.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1305			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1305				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	17		0.15	1.0
trans-1,2-Dichloroethene	0.28	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-39875-10
Client Matrix: Water

Date Sampled: 03/11/2013 0958
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3122.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1305			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1305				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	18		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-39875-11
Client Matrix: Water

Date Sampled: 03/11/2013 1050
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3123.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1328			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.59	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-39875-11
Client Matrix: Water

Date Sampled: 03/11/2013 1050
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3123.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1328			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.0		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-39875-12
Client Matrix: Water

Date Sampled: 03/09/2013 0820
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3124.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1350			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1350				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	200		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	15		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	3.2	J	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	1.3	J	0.98	5.0
Naphthalene	1.7		0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-39875-12
Client Matrix: Water

Date Sampled: 03/09/2013 0820
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3124.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1350			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1350				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-39875-13
Client Matrix: Water

Date Sampled: 03/09/2013 0850
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3125.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1413			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1413				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.17	J	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.55	J	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.31	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.35	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	12		1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	2.2		0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-39875-13
Client Matrix: Water

Date Sampled: 03/09/2013 0850
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3125.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 1413			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1413				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.20	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-39875-14
Client Matrix: Water

Date Sampled: 03/09/2013 0955
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6668.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2013 2309			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2309				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	15	J B	3.8	20
Benzene	0.32	U	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	4.0	U	4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	0.44	U	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	0.30	U	0.30	2.0
trans-1,2-Dichloroethene	0.30	U	0.30	2.0
1,1-Dichloroethene	0.46	U	0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-39875-14
Client Matrix: Water

Date Sampled: 03/09/2013 0955
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6668.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2013 2309			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2309				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.34	U	0.34	2.0
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.34	U	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichloroethene	0.32	U	0.32	2.0
Trichlorofluoromethane	0.58	U	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Vinyl chloride	1.0	J	0.20	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-39875-15
Client Matrix: Water

Date Sampled: 03/09/2013 1055
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6671.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0017			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0017				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.4	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.41	J	0.15	1.0
1,1-Dichloroethene	2.7		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	3.0	J	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-39875-15
Client Matrix: Water

Date Sampled: 03/09/2013 1055
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6671.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0017			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0017				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	5.3		0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	9.8		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-39875-15
Client Matrix: Water

Date Sampled: 03/09/2013 1055
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6672.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0037	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0037				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	59		0.30	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	114		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-39875-16
Client Matrix: Water

Date Sampled: 03/09/2013 1135
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6673.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/21/2013 0058			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0058				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	19	U	19	100
Benzene	1.6	U	1.6	10
Bromobenzene	1.7	U	1.7	10
Bromochloromethane	1.0	U	1.0	10
Bromodichloromethane	1.7	U	1.7	10
Bromoform	1.9	U	1.9	10
Bromomethane	2.1	U	2.1	10
2-Butanone (MEK)	20	U	20	50
n-Butylbenzene	3.2	U	3.2	10
sec-Butylbenzene	1.7	U	1.7	10
tert-Butylbenzene	1.6	U	1.6	10
Carbon disulfide	4.5	U	4.5	10
Carbon tetrachloride	1.9	U	1.9	10
Chlorobenzene	1.7	U	1.7	10
Dibromochloromethane	1.7	U	1.7	10
Chloroethane	4.1	U	4.1	10
Chloroform	1.6	U	1.6	10
Chloromethane	3.0	U	3.0	10
2-Chlorotoluene	1.7	U	1.7	10
4-Chlorotoluene	2.1	U	2.1	10
1,2-Dibromo-3-Chloropropane	4.7	U	4.7	10
Dibromomethane	1.7	U	1.7	10
1,2-Dichlorobenzene	1.5	U	1.5	10
1,3-Dichlorobenzene	1.3	U	1.3	10
1,4-Dichlorobenzene	1.6	U	1.6	10
Dichlorodifluoromethane	3.1	U	3.1	10
1,1-Dichloroethane	2.2	U	2.2	10
1,2-Dichloroethane	1.3	U	1.3	10
trans-1,2-Dichloroethene	17		1.5	10
1,1-Dichloroethene	160		2.3	10
1,2-Dichloropropane	1.8	U	1.8	10
1,3-Dichloropropane	2.2	U	2.2	10
2,2-Dichloropropane	1.8	U	1.8	10
cis-1,3-Dichloropropene	1.6	U	1.6	10
trans-1,3-Dichloropropene	1.9	U	1.9	10
1,1-Dichloropropene	1.9	U	1.9	10
Ethylbenzene	1.6	U	1.6	10
Hexachlorobutadiene	3.6	U	3.6	10
2-Hexanone	17	U	17	50
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	2.0	U	2.0	10
Methylene Chloride	3.2	U	3.2	10
4-Methyl-2-pentanone	9.8	U	9.8	50
Naphthalene	2.2	U	2.2	10
n-Propylbenzene	1.6	U	1.6	10
Styrene	1.7	U	1.7	10

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-39875-16
Client Matrix: Water

Date Sampled: 03/09/2013 1135
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6673.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/21/2013 0058			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0058				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	2.1	U	2.1	10
1,1,2,2-Tetrachloroethane	2.1	U	2.1	10
Tetrachloroethene	2.0	U	2.0	10
Toluene	1.7	U	1.7	10
1,2,3-Trichlorobenzene	2.1	U	2.1	10
1,2,4-Trichlorobenzene	2.1	U	2.1	10
1,1,1-Trichloroethane	1.6	U	1.6	10
1,1,2-Trichloroethane	2.7	U	2.7	10
Trichloroethene	420		1.6	10
Trichlorofluoromethane	2.9	U	2.9	10
1,2,3-Trichloropropane	3.3	U	3.3	10
1,2,4-Trimethylbenzene	1.5	U	1.5	10
1,3,5-Trimethylbenzene	1.6	U	1.6	10
Vinyl chloride	420		1.0	10
Xylenes, Total	1.9	U	1.9	10
1,2-Dibromoethane	1.8	U	1.8	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-39875-16
Client Matrix: Water

Date Sampled: 03/09/2013 1135
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6674.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	03/21/2013 0119	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0119				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	3500		15	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-39875-17
Client Matrix: Water

Date Sampled: 03/08/2013 0930
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6675.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0140			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0140				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.3	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.70	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	43		0.15	1.0
trans-1,2-Dichloroethene	4.5		0.15	1.0
1,1-Dichloroethene	0.54	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-39875-17
Client Matrix: Water

Date Sampled: 03/08/2013 0930
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6675.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0140			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0140				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.29	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	23		0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	10		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-39875-18
Client Matrix: Water

Date Sampled: 03/08/2013 1036
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6677.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0221			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0221				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.8	J B	3.8	20
Benzene	0.32	U	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	4.0	U	4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	0.44	U	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
trans-1,2-Dichloroethene	48		0.30	2.0
1,1-Dichloroethene	33		0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0
Styrene	0.34	U	0.34	2.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-39875-18
Client Matrix: Water

Date Sampled: 03/08/2013 1036
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6677.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0221			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0221				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.34	U	0.34	2.0
1,2,3-Trichlorobenzene	0.42	U	0.42	2.0
1,2,4-Trichlorobenzene	0.42	U	0.42	2.0
1,1,1-Trichloroethane	0.32	U	0.32	2.0
1,1,2-Trichloroethane	0.54	U	0.54	2.0
Trichlorofluoromethane	0.58	U	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-39875-18
Client Matrix: Water

Date Sampled: 03/08/2013 1036
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6678.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/21/2013 0241	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0241				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	920		3.0	20
Trichloroethene	180		3.2	20
Vinyl chloride	150		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-39875-19
Client Matrix: Water

Date Sampled: 03/08/2013 1130
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6679.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	03/21/2013 0302			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0302				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	190	U	190	1000
Benzene	16	U	16	100
Bromobenzene	17	U	17	100
Bromochloromethane	10	U	10	100
Bromodichloromethane	17	U	17	100
Bromoform	19	U	19	100
Bromomethane	21	U	21	100
2-Butanone (MEK)	200	U	200	500
n-Butylbenzene	32	U	32	100
sec-Butylbenzene	17	U	17	100
tert-Butylbenzene	16	U	16	100
Carbon disulfide	45	U	45	100
Carbon tetrachloride	19	U	19	100
Chlorobenzene	17	U	17	100
Dibromochloromethane	17	U	17	100
Chloroethane	41	U	41	100
Chloroform	16	U	16	100
Chloromethane	30	U	30	100
2-Chlorotoluene	17	U	17	100
4-Chlorotoluene	21	U	21	100
1,2-Dibromo-3-Chloropropane	47	U	47	100
Dibromomethane	17	U	17	100
1,2-Dichlorobenzene	15	U	15	100
1,3-Dichlorobenzene	13	U	13	100
1,4-Dichlorobenzene	16	U	16	100
Dichlorodifluoromethane	31	U	31	100
1,1-Dichloroethane	22	U	22	100
1,2-Dichloroethane	13	U	13	100
trans-1,2-Dichloroethene	5100		15	100
1,1-Dichloroethene	940		23	100
1,2-Dichloropropane	18	U	18	100
1,3-Dichloropropane	22	U	22	100
2,2-Dichloropropane	18	U	18	100
cis-1,3-Dichloropropene	16	U	16	100
trans-1,3-Dichloropropene	19	U	19	100
1,1-Dichloropropene	19	U	19	100
Ethylbenzene	16	U	16	100
Hexachlorobutadiene	36	U	36	100
2-Hexanone	170	U	170	500
Isopropylbenzene	19	U	19	100
4-Isopropyltoluene	20	U	20	100
Methylene Chloride	32	U	32	100
4-Methyl-2-pentanone	98	U	98	500
Naphthalene	22	U	22	100
n-Propylbenzene	16	U	16	100
Styrene	17	U	17	100

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-39875-19
Client Matrix: Water

Date Sampled: 03/08/2013 1130
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6679.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	03/21/2013 0302			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0302				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	21	U	21	100
1,1,2,2-Tetrachloroethane	21	U	21	100
Tetrachloroethene	20	U	20	100
Toluene	17	U	17	100
1,2,3-Trichlorobenzene	21	U	21	100
1,2,4-Trichlorobenzene	21	U	21	100
1,1,1-Trichloroethane	16	U	16	100
1,1,2-Trichloroethane	27	U	27	100
Trichlorofluoromethane	29	U	29	100
1,2,3-Trichloropropane	33	U	33	100
1,2,4-Trimethylbenzene	15	U	15	100
1,3,5-Trimethylbenzene	16	U	16	100
Xylenes, Total	19	U	19	100
1,2-Dibromoethane	18	U	18	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-39875-19
Client Matrix: Water

Date Sampled: 03/08/2013 1130
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6680.D
Dilution:	1.0			Initial Weight/Volume:	0.02 mL
Analysis Date:	03/21/2013 0322	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0322				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	40000		150	1000
Trichloroethene	5500		160	1000
Vinyl chloride	12000		100	1000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	113		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2199**

Lab Sample ID: 280-39875-20
Client Matrix: Water

Date Sampled: 03/08/2013 1200
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6681.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0343			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0343				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.1	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.64	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2199**

Lab Sample ID: 280-39875-20
Client Matrix: Water

Date Sampled: 03/08/2013 1200
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6681.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0343			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0343				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-39875-21
Client Matrix: Water

Date Sampled: 03/11/2013 1605
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6682.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0403			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0403				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.0	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-39875-21
Client Matrix: Water

Date Sampled: 03/11/2013 1605
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6682.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0403			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0403				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	113		78 - 120
Dibromofluoromethane (Surr)	118		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-39875-22
Client Matrix: Water

Date Sampled: 03/11/2013 1652
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6683.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0424			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0424				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.8	J B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-39875-22
Client Matrix: Water

Date Sampled: 03/11/2013 1652
Date Received: 03/13/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P6683.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0424			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0424				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.55	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	111		78 - 120
Dibromofluoromethane (Surr)	116		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-39875-1
Client Matrix: Water

Date Sampled: 03/11/2013 1456
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3938.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0030			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0030				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-39875-2
Client Matrix: Water

Date Sampled: 03/11/2013 1530
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3939.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0048			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0048				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-39875-3
Client Matrix: Water

Date Sampled: 03/08/2013 1305
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3798.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0416			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0416				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-39875-4
Client Matrix: Water

Date Sampled: 03/08/2013 1355
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3799.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0433			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0433				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.6	J	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-39875-5
Client Matrix: Water

Date Sampled: 03/08/2013 1445
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3800.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0451			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.3	J	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-39875-6
Client Matrix: Water

Date Sampled: 03/08/2013 1535
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3801.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0508			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0508				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-39875-7
Client Matrix: Water

Date Sampled: 03/11/2013 1313
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3942.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0140			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0140				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-39875-8
Client Matrix: Water

Date Sampled: 03/11/2013 1350
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3943.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0157			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-39875-9
Client Matrix: Water

Date Sampled: 03/11/2013 0908
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3944.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0215			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0215				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-39875-10
Client Matrix: Water

Date Sampled: 03/11/2013 0958
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3945.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0232			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-39875-11
Client Matrix: Water

Date Sampled: 03/11/2013 1050
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3946.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0250			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0250				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-39875-12
Client Matrix: Water

Date Sampled: 03/09/2013 0820
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3802.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0526			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0526				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-39875-13
Client Matrix: Water

Date Sampled: 03/09/2013 0850
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3803.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 0543			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0543				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-39875-14
Client Matrix: Water

Date Sampled: 03/09/2013 0955
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3843.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0403			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0403				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-39875-15
Client Matrix: Water

Date Sampled: 03/09/2013 1055
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3838.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0236			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0236				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-39875-16
Client Matrix: Water

Date Sampled: 03/09/2013 1135
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3979.D
Dilution:	1.0			Initial Weight/Volume:	0.5 mL
Analysis Date:	03/22/2013 0303			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0303				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	8.8	U	8.8	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-39875-17
Client Matrix: Water

Date Sampled: 03/08/2013 0930
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3840.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0311			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-39875-18
Client Matrix: Water

Date Sampled: 03/08/2013 1036
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3841.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0328			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-39875-19
Client Matrix: Water

Date Sampled: 03/08/2013 1130
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3842.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2013 0346			Final Weight/Volume:	20 mL
Prep Date:	03/16/2013 0346				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-39875-21
Client Matrix: Water

Date Sampled: 03/11/2013 1605
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3947.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0307			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-39875-22
Client Matrix: Water

Date Sampled: 03/11/2013 1652
Date Received: 03/13/2013 0900

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3948.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0324			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-39875-1	PIN12-0568-1	81	71	93	89
280-39875-2	PIN12-0568-2	95	93	93	87
280-39875-3	PIN12-0569-1	85	75	91	86
280-39875-4	PIN12-0569-2	83	74	92	86
280-39875-5	PIN12-0569-3	85	74	96	95
280-39875-6	PIN12-0570-1	84	75	90	85
280-39875-7	PIN12-0572-1	82	74	92	87
280-39875-8	PIN12-0572-2	86	75	99	90
280-39875-9	PIN12-0574-1	85	76	95	89
280-39875-10	PIN12-0574-2	102	102	101	100
280-39875-11	PIN12-0574-3	99	102	92	89
280-39875-12	PIN12-0584-1	104	107	100	95
280-39875-13	PIN12-0584-2	98	108	89	87
280-39875-14	PIN12-0584-3	113	109	102	108
280-39875-15	PIN12-0585-1	111	111	98	107
280-39875-15 DL	PIN12-0585-1 DL	113	114	100	114
280-39875-16	PIN12-0585-2	110	111	98	107
280-39875-16 DL	PIN12-0585-2 DL	111	111	102	108
280-39875-17	PIN12-S30B	113	116	97	104
280-39875-18	PIN12-S33C	114	116	100	112
280-39875-18 DL	PIN12-S33C DL	109	110	97	106
280-39875-19	PIN12-S35B	113	112	101	110
280-39875-19 DL	PIN12-S35B DL	112	115	101	113
280-39875-20	PIN99-2199	113	113	98	112
280-39875-21	PIN12-0568-3	118	118	101	113
280-39875-22	PIN12-0570-2	116	119	100	111
MB 280-165451/5		82	70	98	90
MB 280-165464/5		95	91	98	92
MB 280-165844/8		109	108	100	110

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
LCS 280-165451/4		85	74	98	94
LCS 280-165464/4		93	90	94	92
LCS 280-165844/6		109	107	100	99
280-39875-1 MS	PIN12-0568-1 MS	84	74	96	90
280-39875-14 MS	PIN12-0584-3 MS	109	115	98	99
280-39826-B-10 MS		98	93	100	97
280-39875-1 MSD	PIN12-0568-1 MSD	86	77	96	90
280-39875-14 MSD	PIN12-0584-3 MSD	110	111	97	100
280-39826-B-10 MSD		93	90	92	89

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-39875-1	PIN12-0568-1	99
280-39875-2	PIN12-0568-2	102
280-39875-3	PIN12-0569-1	103
280-39875-4	PIN12-0569-2	105
280-39875-5	PIN12-0569-3	103
280-39875-6	PIN12-0570-1	104
280-39875-7	PIN12-0572-1	101
280-39875-8	PIN12-0572-2	102
280-39875-9	PIN12-0574-1	114
280-39875-10	PIN12-0574-2	100
280-39875-11	PIN12-0574-3	98
280-39875-12	PIN12-0584-1	103
280-39875-13	PIN12-0584-2	122
280-39875-14	PIN12-0584-3	120
280-39875-15	PIN12-0585-1	118
280-39875-16	PIN12-0585-2	95
280-39875-17	PIN12-S30B	107
280-39875-18	PIN12-S33C	112
280-39875-19	PIN12-S35B	111
280-39875-21	PIN12-0568-3	97
280-39875-22	PIN12-0570-2	101
MB 280-164929/17		99
MB 280-165111/5		99
MB 280-165812/17		96
MB 280-166050/5		100
LCS 280-164929/15		102
LCS 280-165111/3		103
LCS 280-165812/15		100
LCS 280-166050/3		98

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCSD 280-164929/16		97
LCSD 280-165111/4		105
LCSD 280-165812/16		96
LCSD 280-166050/4		95
280-39875-2 MS	PIN12-0568-2 MS	98
280-39873-C-4 MS		97
280-39873-A-2 MS		98
280-39997-D-2 MS		102
280-39875-2 MSD	PIN12-0568-2 MSD	101
280-39873-C-4 MSD		100
280-39873-A-2 MSD		102
280-39997-D-2 MSD		101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-165451

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165451/5	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0855	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0855				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-165451

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165451/5	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2011.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0855	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0855				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	70	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	82	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165451

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165451/4	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0805	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0805				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.91	98	74 - 135	
Bromodichloromethane	5.00	4.45	89	73 - 135	
Carbon tetrachloride	5.00	4.50	90	67 - 135	
Chlorobenzene	5.00	4.62	92	76 - 135	
Chloroform	5.00	4.54	91	76 - 120	
1,3-Dichlorobenzene	5.00	4.84	97	74 - 135	
1,1-Dichloroethane	5.00	4.53	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.84	97	75 - 135	
1,1-Dichloroethene	5.00	5.45	109	71 - 136	
1,2-Dichloropropane	5.00	4.73	95	71 - 120	
Ethylbenzene	5.00	4.99	100	72 - 120	
Methylene Chloride	5.00	4.87	97	54 - 141	
Tetrachloroethene	5.00	4.34	87	70 - 135	
Toluene	5.00	4.83	97	73 - 120	
1,1,1-Trichloroethane	5.00	4.83	97	70 - 135	
Trichloroethene	5.00	4.81	96	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	85	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165451

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39875-1	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1052			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1052				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39875-1	Analysis Batch:	280-165451	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2013 1116			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1116				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	91	89	74 - 135	2	20		
Bromodichloromethane	85	84	73 - 135	1	20		
Carbon tetrachloride	84	81	67 - 135	4	21		
Chlorobenzene	88	84	76 - 135	5	20		
Chloroform	87	84	76 - 120	5	20		
1,3-Dichlorobenzene	90	87	74 - 135	3	20		
1,1-Dichloroethane	84	82	75 - 135	4	21		
trans-1,2-Dichloroethene	91	87	75 - 135	5	24		
1,1-Dichloroethene	101	96	71 - 136	4	20		
1,2-Dichloropropane	88	86	71 - 120	2	20		
Ethylbenzene	94	89	72 - 120	5	26		
Methylene Chloride	96	97	54 - 141	1	20		
Tetrachloroethene	84	79	70 - 135	6	20		
Toluene	90	90	73 - 120	0	20		
1,1,1-Trichloroethane	89	85	70 - 135	4	20		
Trichloroethene	89	85	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	74	77	70 - 127
Toluene-d8 (Surr)	96	96	80 - 125
4-Bromofluorobenzene (Surr)	90	90	78 - 120
Dibromofluoromethane (Surr)	84	86	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165451

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39875-1	Units:	ug/L	MSD Lab Sample ID:	280-39875-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 1052			Analysis Date:	03/19/2013 1116
Prep Date:	03/19/2013 1052			Prep Date:	03/19/2013 1116
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.64	U	20.0	20.0	18.2	17.7
Bromodichloromethane	0.68	U	20.0	20.0	17.0	16.8
Carbon tetrachloride	0.76	U	20.0	20.0	16.8	16.2
Chlorobenzene	0.68	U	20.0	20.0	17.6	16.8
Chloroform	0.64	U	20.0	20.0	17.5	16.7
1,3-Dichlorobenzene	0.52	U	20.0	20.0	18.0	17.4
1,1-Dichloroethane	0.88	U	20.0	20.0	16.9	16.3
trans-1,2-Dichloroethene	0.60	U	20.0	20.0	18.1	17.3
1,1-Dichloroethene	0.92	U	20.0	20.0	20.2	19.3
1,2-Dichloropropane	0.72	U	20.0	20.0	17.5	17.2
Ethylbenzene	0.64	U	20.0	20.0	18.7	17.9
Methylene Chloride	4.1		20.0	20.0	23.3	23.5
Tetrachloroethene	0.80	U	20.0	20.0	16.8	15.8
Toluene	0.68	U	20.0	20.0	18.0	17.9
1,1,1-Trichloroethane	0.64	U	20.0	20.0	17.8	17.1
Trichloroethene	0.64	U	20.0	20.0	17.9	17.1

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-165464

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165464/5	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3113.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0926	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0926				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-165464

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165464/5	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3113.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0926	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0926				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	95	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165464

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165464/4	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3112.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 0903	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 0903				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.74	95	74 - 135	
Bromodichloromethane	5.00	4.10	82	73 - 135	
Carbon tetrachloride	5.00	4.93	99	67 - 135	
Chlorobenzene	5.00	4.67	93	76 - 135	
Chloroform	5.00	4.51	90	76 - 120	
1,3-Dichlorobenzene	5.00	4.77	95	74 - 135	
1,1-Dichloroethane	5.00	4.71	94	75 - 135	
trans-1,2-Dichloroethene	5.00	4.94	99	75 - 135	
1,1-Dichloroethene	5.00	5.47	109	71 - 136	
1,2-Dichloropropane	5.00	4.50	90	71 - 120	
Ethylbenzene	5.00	4.85	97	72 - 120	
Methylene Chloride	5.00	5.03	101	54 - 141	
Tetrachloroethene	5.00	5.12	102	70 - 135	
Toluene	5.00	4.81	96	73 - 120	
1,1,1-Trichloroethane	5.00	4.79	96	70 - 135	
Trichloroethene	5.00	4.74	95	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165464

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39826-B-10 MS	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3116.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.1 mL
Analysis Date:	03/19/2013 1034			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1034				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39826-B-10 MSD	Analysis Batch:	280-165464	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3117.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.1 mL
Analysis Date:	03/19/2013 1056			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 1056				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	97	97	74 - 135	1	20		
Bromodichloromethane	87	86	73 - 135	1	20		
Carbon tetrachloride	97	94	67 - 135	3	21		
Chlorobenzene	96	95	76 - 135	1	20		
Chloroform	93	92	76 - 120	1	20		
1,3-Dichlorobenzene	98	96	74 - 135	3	20		
1,1-Dichloroethane	99	97	75 - 135	2	21		
trans-1,2-Dichloroethene	101	98	75 - 135	3	24		
1,1-Dichloroethene	108	109	71 - 136	1	20		
1,2-Dichloropropane	96	94	71 - 120	3	20		
Ethylbenzene	100	92	72 - 120	8	26		
Methylene Chloride	109	113	54 - 141	4	20		
Tetrachloroethene	105	99	70 - 135	6	20		
Toluene	99	99	73 - 120	0	20		
1,1,1-Trichloroethane	97	95	70 - 135	2	20		
Trichloroethene	96	94	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	90	70 - 127
Toluene-d8 (Surr)	100	92	80 - 125
4-Bromofluorobenzene (Surr)	97	89	78 - 120
Dibromofluoromethane (Surr)	98	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165464

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39826-B-10 MS	Units:	ug/L	MSD Lab Sample ID:	280-39826-B-10 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 1034			Analysis Date:	03/19/2013 1056
Prep Date:	03/19/2013 1034			Prep Date:	03/19/2013 1056
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	39	J	1000	1000	1010	1010
Bromodichloromethane	34	U	1000	1000	871	862
Carbon tetrachloride	38	U	1000	1000	972	939
Chlorobenzene	34	U	1000	1000	956	950
Chloroform	38	J	1000	1000	967	961
1,3-Dichlorobenzene	26	U	1000	1000	983	958
1,1-Dichloroethane	160	J	1000	1000	1140	1120
trans-1,2-Dichloroethene	30	U	1000	1000	1010	977
1,1-Dichloroethene	46	U	1000	1000	1080	1090
1,2-Dichloropropane	36	U	1000	1000	962	936
Ethylbenzene	32	U	1000	1000	1000	925
Methylene Chloride	64	U	1000	1000	1090	1130
Tetrachloroethene	40	U	1000	1000	1050	992
Toluene	34	U	1000	1000	993	994
1,1,1-Trichloroethane	32	U	1000	1000	968	950
Trichloroethene	32	U	1000	1000	960	942

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-165844

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165844/8	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6667.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2242	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2242				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	2.93	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-165844

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165844/8	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6667.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2242	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2242				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	110	78 - 120
Dibromofluoromethane (Surr)	109	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165844

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165844/6	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6666.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2222	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2222				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.39	88	74 - 135	
Bromodichloromethane	5.00	4.74	95	73 - 135	
Carbon tetrachloride	5.00	5.11	102	67 - 135	
Chlorobenzene	5.00	4.67	93	76 - 135	
Chloroform	5.00	4.68	94	76 - 120	
1,3-Dichlorobenzene	5.00	4.66	93	74 - 135	
1,1-Dichloroethane	5.00	4.44	89	75 - 135	
trans-1,2-Dichloroethene	5.00	4.57	91	75 - 135	
1,1-Dichloroethene	5.00	4.93	99	71 - 136	
1,2-Dichloropropane	5.00	4.15	83	71 - 120	
Ethylbenzene	5.00	4.49	90	72 - 120	
Methylene Chloride	5.00	4.53	91	54 - 141	
Tetrachloroethene	5.00	4.90	98	70 - 135	
Toluene	5.00	4.51	90	73 - 120	
1,1,1-Trichloroethane	5.00	4.99	100	70 - 135	
Trichloroethene	5.00	4.49	90	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	99	78 - 120
Dibromofluoromethane (Surr)	109	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165844

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39875-14	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6669.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2013 2335			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2335				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39875-14	Analysis Batch:	280-165844	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P6670.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2013 2356			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2356				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	93	90	74 - 135	3	20		
Bromodichloromethane	100	102	73 - 135	2	20		
Carbon tetrachloride	108	104	67 - 135	4	21		
Chlorobenzene	95	94	76 - 135	1	20		
Chloroform	98	97	76 - 120	2	20		
1,3-Dichlorobenzene	94	97	74 - 135	3	20		
1,1-Dichloroethane	95	93	75 - 135	2	21		
trans-1,2-Dichloroethene	98	95	75 - 135	3	24		
1,1-Dichloroethene	109	106	71 - 136	3	20		
1,2-Dichloropropane	87	87	71 - 120	0	20		
Ethylbenzene	92	91	72 - 120	2	26		
Methylene Chloride	97	97	54 - 141	0	20		
Tetrachloroethene	102	98	70 - 135	4	20		
Toluene	93	91	73 - 120	2	20		
1,1,1-Trichloroethane	107	105	70 - 135	2	20		
Trichloroethene	92	88	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	111	70 - 127
Toluene-d8 (Surr)	98	97	80 - 125
4-Bromofluorobenzene (Surr)	99	100	78 - 120
Dibromofluoromethane (Surr)	109	110	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165844

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39875-14	Units:	ug/L	MSD Lab Sample ID:	280-39875-14
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/20/2013 2335			Analysis Date:	03/20/2013 2356
Prep Date:	03/20/2013 2335			Prep Date:	03/20/2013 2356
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.32	U	10.0	10.0	9.29	9.05
Bromodichloromethane	0.34	U	10.0	10.0	10.0	10.2
Carbon tetrachloride	0.38	U	10.0	10.0	10.8	10.4
Chlorobenzene	0.34	U	10.0	10.0	9.51	9.38
Chloroform	0.32	U	10.0	10.0	9.82	9.67
1,3-Dichlorobenzene	0.26	U	10.0	10.0	9.42	9.67
1,1-Dichloroethane	0.44	U	10.0	10.0	9.53	9.31
trans-1,2-Dichloroethene	0.30	U	10.0	10.0	9.76	9.46
1,1-Dichloroethene	0.46	U	10.0	10.0	10.9	10.6
1,2-Dichloropropane	0.36	U	10.0	10.0	8.69	8.72
Ethylbenzene	0.32	U	10.0	10.0	9.25	9.11
Methylene Chloride	0.64	U	10.0	10.0	9.69	9.66
Tetrachloroethene	0.40	U	10.0	10.0	10.2	9.77
Toluene	0.34	U	10.0	10.0	9.29	9.12
1,1,1-Trichloroethane	0.32	U	10.0	10.0	10.7	10.5
Trichloroethene	0.32	U	10.0	10.0	9.20	8.82

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-164929/17	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3783.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2354	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2354				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164929/15	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3781.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2319	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2319				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-164929/16	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3782.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2013 2336	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2013 2336				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	80	89	25 - 141	10	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-164929/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-164929/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/14/2013 2319			Analysis Date:	03/14/2013 2336
Prep Date:	03/14/2013 2319			Prep Date:	03/14/2013 2336
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.00	4.43

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-C-4 MS	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3787.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2013 0104			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0104				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39873-C-4 MSD	Analysis Batch:	280-164929	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3788.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2013 0121			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 0121				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	125	154	25 - 141	10	20		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	100	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-164929

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-C-4 MS	Units: ug/L	MSD Lab Sample ID:	280-39873-C-4 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/15/2013 0104		Analysis Date:	03/15/2013 0121	
Prep Date:	03/15/2013 0104		Prep Date:	03/15/2013 0121	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,4-Dioxane	170	100	100	292	322	F

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-165111/5	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3822.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1916	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1916				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165111/3	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3820.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1841	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1841				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-165111/4	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3821.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2013 1859	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1859				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	78	82	25 - 141	5	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	105	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165111/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-165111/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/15/2013 1841			Analysis Date:	03/15/2013 1859
Prep Date:	03/15/2013 1841			Prep Date:	03/15/2013 1859
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	3.91	4.09

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-A-2 MS	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3824.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 1951			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 1951				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39873-A-2 MSD	Analysis Batch:	280-165111	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3825.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2013 2009			Final Weight/Volume:	20 mL
Prep Date:	03/15/2013 2009				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	89	94	25 - 141	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	102	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165111

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39873-A-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-39873-A-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/15/2013 1951			Analysis Date:	03/15/2013 2009
Prep Date:	03/15/2013 1951			Prep Date:	03/15/2013 2009
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.44	U	10.0	10.0	8.95	9.44

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-165812/17	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3931.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2222	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2222				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165812/15	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3929.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2147	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2147				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-165812/16	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3930.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2205	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2205				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	106	107	25 - 141	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165812/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-165812/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/20/2013 2147			Analysis Date:	03/20/2013 2205
Prep Date:	03/20/2013 2147			Prep Date:	03/20/2013 2205
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.32	5.35

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39875-2	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3940.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0105			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0105				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39875-2	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3941.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0122			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0122				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	82	26	25 - 141	103	20		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	101	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39875-2	Units: ug/L	MSD Lab Sample ID:	280-39875-2	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/21/2013 0105		Analysis Date:	03/21/2013 0122	
Prep Date:	03/21/2013 0105		Prep Date:	03/21/2013 0122	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,4-Dioxane	0.44	U	10.0	10.0	8.16	2.62	F

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Method Blank - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-166050/5	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 2034	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2034				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166050/3	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3956.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1959	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1959				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-166050/4	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3957.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 2017	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2017				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	96	95	25 - 141	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166050/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-166050/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1959			Analysis Date:	03/21/2013 2017
Prep Date:	03/21/2013 1959			Prep Date:	03/21/2013 2017
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.79	4.74

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39997-D-2 MS	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3981.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/22/2013 0338			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0338				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39997-D-2 MSD	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3982.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/22/2013 0355			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0355				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	113	107	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	101	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39997-D-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-39997-D-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 0338			Analysis Date:	03/22/2013 0355
Prep Date:	03/22/2013 0338			Prep Date:	03/22/2013 0355
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	4.4	U	100	100	113	107

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-164929					
LCS 280-164929/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-164929/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-164929/17	Method Blank	T	Water	8260B SIM	
280-39873-C-4 MS	Matrix Spike	T	Water	8260B SIM	
280-39873-C-4 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39875-3	PIN12-0569-1	T	Water	8260B SIM	
280-39875-4	PIN12-0569-2	T	Water	8260B SIM	
280-39875-5	PIN12-0569-3	T	Water	8260B SIM	
280-39875-6	PIN12-0570-1	T	Water	8260B SIM	
280-39875-12	PIN12-0584-1	T	Water	8260B SIM	
280-39875-13	PIN12-0584-2	T	Water	8260B SIM	
Analysis Batch:280-165111					
LCS 280-165111/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-165111/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-165111/5	Method Blank	T	Water	8260B SIM	
280-39873-A-2 MS	Matrix Spike	T	Water	8260B SIM	
280-39873-A-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39875-14	PIN12-0584-3	T	Water	8260B SIM	
280-39875-15	PIN12-0585-1	T	Water	8260B SIM	
280-39875-17	PIN12-S30B	T	Water	8260B SIM	
280-39875-18	PIN12-S33C	T	Water	8260B SIM	
280-39875-19	PIN12-S35B	T	Water	8260B SIM	
Analysis Batch:280-165451					
LCS 280-165451/4	Lab Control Sample	T	Water	8260B	
MB 280-165451/5	Method Blank	T	Water	8260B	
280-39875-1	PIN12-0568-1	T	Water	8260B	
280-39875-1MS	Matrix Spike	T	Water	8260B	
280-39875-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39875-3	PIN12-0569-1	T	Water	8260B	
280-39875-4	PIN12-0569-2	T	Water	8260B	
280-39875-5	PIN12-0569-3	T	Water	8260B	
280-39875-6	PIN12-0570-1	T	Water	8260B	
280-39875-7	PIN12-0572-1	T	Water	8260B	
280-39875-8	PIN12-0572-2	T	Water	8260B	
280-39875-9	PIN12-0574-1	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-165464					
LCS 280-165464/4	Lab Control Sample	T	Water	8260B	
MB 280-165464/5	Method Blank	T	Water	8260B	
280-39826-B-10 MS	Matrix Spike	T	Water	8260B	
280-39826-B-10 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39875-2	PIN12-0568-2	T	Water	8260B	
280-39875-10	PIN12-0574-2	T	Water	8260B	
280-39875-11	PIN12-0574-3	T	Water	8260B	
280-39875-12	PIN12-0584-1	T	Water	8260B	
280-39875-13	PIN12-0584-2	T	Water	8260B	
Analysis Batch:280-165812					
LCS 280-165812/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-165812/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-165812/17	Method Blank	T	Water	8260B SIM	
280-39875-1	PIN12-0568-1	T	Water	8260B SIM	
280-39875-2	PIN12-0568-2	T	Water	8260B SIM	
280-39875-2MS	Matrix Spike	T	Water	8260B SIM	
280-39875-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39875-7	PIN12-0572-1	T	Water	8260B SIM	
280-39875-8	PIN12-0572-2	T	Water	8260B SIM	
280-39875-9	PIN12-0574-1	T	Water	8260B SIM	
280-39875-10	PIN12-0574-2	T	Water	8260B SIM	
280-39875-11	PIN12-0574-3	T	Water	8260B SIM	
280-39875-21	PIN12-0568-3	T	Water	8260B SIM	
280-39875-22	PIN12-0570-2	T	Water	8260B SIM	
Analysis Batch:280-165844					
LCS 280-165844/6	Lab Control Sample	T	Water	8260B	
MB 280-165844/8	Method Blank	T	Water	8260B	
280-39875-14	PIN12-0584-3	T	Water	8260B	
280-39875-14MS	Matrix Spike	T	Water	8260B	
280-39875-14MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39875-15	PIN12-0585-1	T	Water	8260B	
280-39875-15DL	PIN12-0585-1	T	Water	8260B	
280-39875-16	PIN12-0585-2	T	Water	8260B	
280-39875-16DL	PIN12-0585-2	T	Water	8260B	
280-39875-17	PIN12-S30B	T	Water	8260B	
280-39875-18	PIN12-S33C	T	Water	8260B	
280-39875-18DL	PIN12-S33C	T	Water	8260B	
280-39875-19	PIN12-S35B	T	Water	8260B	
280-39875-19DL	PIN12-S35B	T	Water	8260B	
280-39875-20	PIN99-2199	T	Water	8260B	
280-39875-21	PIN12-0568-3	T	Water	8260B	
280-39875-22	PIN12-0570-2	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-39875-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-166050					
LCS 280-166050/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-166050/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-166050/5	Method Blank	T	Water	8260B SIM	
280-39875-16	PIN12-0585-2	T	Water	8260B SIM	
280-39997-D-2 MS	Matrix Spike	T	Water	8260B SIM	
280-39997-D-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-39986-1

SDG Number: 13025120

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
3/29/2013 9:06 AM

Kae E Yoder
Project Manager II
kae.yoder@testamericainc.com
03/29/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

Table of Contents

Table of Contents

CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13025120

Report Number: 280-39986-1

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted. Calculations are performed before rounding to avoid round-off errors in calculated results.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/15/2013 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.9º C and 2.1º C.

The chains-of-custody were not relinquished by TestAmerica's Tampa laboratory, the forwarding laboratory. The client was notified on 3/18/2013.

GC/MS VOLATILES - SW846 8260B

No anomalies were encountered.

GC/MS VOLATILES - SW846 8260B SIM - 1,4-Dioxane

In some cases, due to the nature of the sample matrix (foamy), samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Due to high constituent concentration, samples PIN12-0576-1 (LDU 920) and PIN12-0576-2 (LDU 921) had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

The MS/MSD performed on sample PIN12-0576-2 (LDU 921) in batch 280-166279 exhibited percent recoveries outside the control limits, biased high. It can be noted that the MS and MSD concentrations were present above the instrument calibration range. The LCS and LCSD were within control limits.

The RPD limit was exceeded for 1,4-Dioxane in the MS/MSD associated with batch 280-165812. The LCS and LCSD were within control limits.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39986-1	PIN12-0551-1	Water	03/13/2013 1614	03/15/2013 0930
280-39986-2	PIN12-0551-2	Water	03/13/2013 1648	03/15/2013 0930
280-39986-3	PIN12-0570-3	Water	03/13/2013 1430	03/15/2013 0930
280-39986-4	PIN12-0576-1	Water	03/13/2013 1025	03/15/2013 0930
280-39986-4MS	PIN12-0576-1	Water	03/13/2013 1025	03/15/2013 0930
280-39986-4MSD	PIN12-0576-1	Water	03/13/2013 1025	03/15/2013 0930
280-39986-5	PIN12-0576-2	Water	03/13/2013 1057	03/15/2013 0930
280-39986-5MS	PIN12-0576-2	Water	03/13/2013 1057	03/15/2013 0930
280-39986-5MSD	PIN12-0576-2	Water	03/13/2013 1057	03/15/2013 0930
280-39986-6	PIN12-0576-3	Water	03/13/2013 1528	03/15/2013 0930
280-39986-7	PIN12-0577-1	Water	03/12/2013 1614	03/15/2013 0930
280-39986-8	PIN12-0577-2	Water	03/12/2013 1642	03/15/2013 0930
280-39986-9	PIN12-0577-3	Water	03/12/2013 1715	03/15/2013 0930
280-39986-10	PIN12-0578-1	Water	03/13/2013 0820	03/15/2013 0930
280-39986-11	PIN12-0578-2	Water	03/13/2013 0850	03/15/2013 0930
280-39986-12	PIN12-0578-3	Water	03/13/2013 0920	03/15/2013 0930
280-39986-13	PIN12-0579-1	Water	03/12/2013 1435	03/15/2013 0930
280-39986-14	PIN12-0579-2	Water	03/12/2013 1459	03/15/2013 0930
280-39986-15	PIN12-0579-3	Water	03/12/2013 1528	03/15/2013 0930
280-39986-16	PIN99-2200	Water	03/12/2013 1200	03/15/2013 0930
280-39986-17	PIN12-2464	Water	03/12/2013 0905	03/15/2013 0930
280-39986-18	PIN12-2465	Water	03/12/2013 0910	03/15/2013 0930

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39986-1	**PIN12-0551-1**					
Acetone		16		10	ug/L	8260B
280-39986-2	**PIN12-0551-2**					
Acetone		11		10	ug/L	8260B
280-39986-3	**PIN12-0570-3**					
Acetone		39		10	ug/L	8260B
Vinyl chloride		3.4		1.0	ug/L	8260B
280-39986-4	**PIN12-0576-1**					
Acetone		2.5	J	10	ug/L	8260B
1,1-Dichloroethane		15		1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.4		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.17	J	1.0	ug/L	8260B
1,1-Dichloroethene		2.0		1.0	ug/L	8260B
Toluene		0.26	J	1.0	ug/L	8260B
Vinyl chloride		15		1.0	ug/L	8260B
1,4-Dioxane		36		2.0	ug/L	8260B SIM
280-39986-5	**PIN12-0576-2**					
Acetone		23		10	ug/L	8260B
1,1-Dichloroethane		18		1.0	ug/L	8260B
cis-1,2-Dichloroethene		8.9		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.21	J	1.0	ug/L	8260B
1,1-Dichloroethene		2.4		1.0	ug/L	8260B
Vinyl chloride		17		1.0	ug/L	8260B
1,4-Dioxane		27		2.0	ug/L	8260B SIM
280-39986-6	**PIN12-0576-3**					
Acetone		9.5	J	10	ug/L	8260B
1,1-Dichloroethane		0.50	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.46	J	1.0	ug/L	8260B
Toluene		8.0		1.0	ug/L	8260B
Vinyl chloride		1.2		1.0	ug/L	8260B
280-39986-7	**PIN12-0577-1**					
Acetone		6.3	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39986-8	**PIN12-0577-2**					
Acetone		25		10	ug/L	8260B
280-39986-9	**PIN12-0577-3**					
Acetone		50		10	ug/L	8260B
Toluene		0.29	J	1.0	ug/L	8260B
280-39986-10	**PIN12-0578-1**					
Acetone		29		10	ug/L	8260B
280-39986-11	**PIN12-0578-2**					
Acetone		14		10	ug/L	8260B
280-39986-12	**PIN12-0578-3**					
Acetone		11		10	ug/L	8260B
280-39986-13	**PIN12-0579-1**					
Acetone		13		10	ug/L	8260B
280-39986-14	**PIN12-0579-2**					
Acetone		15		10	ug/L	8260B
280-39986-15	**PIN12-0579-3**					
Acetone		24		10	ug/L	8260B
Toluene		4.9		1.0	ug/L	8260B
280-39986-16	**PIN99-2200**					
Acetone		9.6	J	10	ug/L	8260B
280-39986-17	**PIN12-2464**					
Acetone		5.2	J	10	ug/L	8260B
Toluene		0.19	J	1.0	ug/L	8260B
Xylenes, Total		0.37	J	1.0	ug/L	8260B
280-39986-18	**PIN12-2465**					
Acetone		2.0	J	10	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Method	Analyst	Analyst ID
SW846 8260B	Tinkham, Sarah A	SAT
SW846 8260B	Wickham, Tom	TW
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-39986-1
Client Matrix: Water

Date Sampled: 03/13/2013 1614
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS1999.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1204			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1204				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	16		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-39986-1
Client Matrix: Water

Date Sampled: 03/13/2013 1614
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS1999.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1204			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1204				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-39986-2
Client Matrix: Water

Date Sampled: 03/13/2013 1648
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2000.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1225			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1225				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	11		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-39986-2
Client Matrix: Water

Date Sampled: 03/13/2013 1648
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2000.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1225			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1225				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-39986-3
Client Matrix: Water

Date Sampled: 03/13/2013 1430
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2001.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1246			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1246				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	39		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-39986-3
Client Matrix: Water

Date Sampled: 03/13/2013 1430
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2001.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1246			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1246				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-39986-4
Client Matrix: Water

Date Sampled: 03/13/2013 1025
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS1996.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1100			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1100				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	15		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.4		0.15	1.0
trans-1,2-Dichloroethene	0.17	J	0.15	1.0
1,1-Dichloroethene	2.0		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-39986-4
Client Matrix: Water

Date Sampled: 03/13/2013 1025
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS1996.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1100			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1100				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.26	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	15		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-39986-5
Client Matrix: Water

Date Sampled: 03/13/2013 1057
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2002.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1307			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	23		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	18		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	8.9		0.15	1.0
trans-1,2-Dichloroethene	0.21	J	0.15	1.0
1,1-Dichloroethene	2.4		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-39986-5
Client Matrix: Water

Date Sampled: 03/13/2013 1057
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2002.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1307			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	17		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-39986-6
Client Matrix: Water

Date Sampled: 03/13/2013 1528
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2003.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1329			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1329				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.50	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.46	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-39986-6
Client Matrix: Water

Date Sampled: 03/13/2013 1528
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2003.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1329			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1329				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	8.0		0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.2		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	93		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-39986-7
Client Matrix: Water

Date Sampled: 03/12/2013 1614
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2004.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1350			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1350				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-39986-7
Client Matrix: Water

Date Sampled: 03/12/2013 1614
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2004.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1350			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1350				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-39986-8
Client Matrix: Water

Date Sampled: 03/12/2013 1642
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2005.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1411			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1411				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	25		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-39986-8
Client Matrix: Water

Date Sampled: 03/12/2013 1642
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2005.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1411			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1411				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-39986-9
Client Matrix: Water

Date Sampled: 03/12/2013 1715
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2006.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1432			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1432				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	50		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-39986-9
Client Matrix: Water

Date Sampled: 03/12/2013 1715
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2006.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1432			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1432				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.29	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-39986-10
Client Matrix: Water

Date Sampled: 03/13/2013 0820
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2007.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1453			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1453				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	29		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-39986-10
Client Matrix: Water

Date Sampled: 03/13/2013 0820
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2007.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1453			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1453				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-39986-11
Client Matrix: Water

Date Sampled: 03/13/2013 0850
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2008.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1514			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1514				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	14		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-39986-11
Client Matrix: Water

Date Sampled: 03/13/2013 0850
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2008.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1514			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1514				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-39986-12
Client Matrix: Water

Date Sampled: 03/13/2013 0920
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2009.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1535			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1535				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	11		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-39986-12
Client Matrix: Water

Date Sampled: 03/13/2013 0920
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2009.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1535			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1535				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-39986-13
Client Matrix: Water

Date Sampled: 03/12/2013 1435
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2010.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1556			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1556				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	13		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-39986-13
Client Matrix: Water

Date Sampled: 03/12/2013 1435
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2010.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1556			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1556				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-39986-14
Client Matrix: Water

Date Sampled: 03/12/2013 1459
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2011.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1617			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1617				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	15		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-39986-14
Client Matrix: Water

Date Sampled: 03/12/2013 1459
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2011.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1617			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1617				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-39986-15
Client Matrix: Water

Date Sampled: 03/12/2013 1528
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2012.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1638			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1638				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	24		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-39986-15
Client Matrix: Water

Date Sampled: 03/12/2013 1528
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS2012.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1638			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1638				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	4.9		0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2200**

Lab Sample ID: 280-39986-16
Client Matrix: Water

Date Sampled: 03/12/2013 1200
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5545.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2013 2334			Final Weight/Volume:	20 mL
Prep Date:	03/25/2013 2334				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2200**

Lab Sample ID: 280-39986-16
Client Matrix: Water

Date Sampled: 03/12/2013 1200
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5545.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2013 2334			Final Weight/Volume:	20 mL
Prep Date:	03/25/2013 2334				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2464**

Lab Sample ID: 280-39986-17
Client Matrix: Water

Date Sampled: 03/12/2013 0905
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5546.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2013 2354			Final Weight/Volume:	20 mL
Prep Date:	03/25/2013 2354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2464**

Lab Sample ID: 280-39986-17
Client Matrix: Water

Date Sampled: 03/12/2013 0905
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5546.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2013 2354			Final Weight/Volume:	20 mL
Prep Date:	03/25/2013 2354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.19	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.37	J	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		70 - 127
Toluene-d8 (Surr)	82		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2465**

Lab Sample ID: 280-39986-18
Client Matrix: Water

Date Sampled: 03/12/2013 0910
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5547.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2013 0014			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0014				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2465**

Lab Sample ID: 280-39986-18
Client Matrix: Water

Date Sampled: 03/12/2013 0910
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5547.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2013 0014			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0014				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-39986-1
Client Matrix: Water

Date Sampled: 03/13/2013 1614
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4022.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2121			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2121				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-39986-2
Client Matrix: Water

Date Sampled: 03/13/2013 1648
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4023.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2139			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-39986-3
Client Matrix: Water

Date Sampled: 03/13/2013 1430
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4024.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2156			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2156				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-39986-4
Client Matrix: Water

Date Sampled: 03/13/2013 1025
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4025.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2214			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2214				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	36		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-39986-5
Client Matrix: Water

Date Sampled: 03/13/2013 1057
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4026.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2231			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2231				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	27		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-39986-6
Client Matrix: Water

Date Sampled: 03/13/2013 1528
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4029.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 2324			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-39986-7
Client Matrix: Water

Date Sampled: 03/12/2013 1614
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3949.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0342			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0342				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-39986-8
Client Matrix: Water

Date Sampled: 03/12/2013 1642
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3950.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0359			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0359				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-39986-9
Client Matrix: Water

Date Sampled: 03/12/2013 1715
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3951.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0417			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0417				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-39986-10
Client Matrix: Water

Date Sampled: 03/13/2013 0820
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3971.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 0043			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0043				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-39986-11
Client Matrix: Water

Date Sampled: 03/13/2013 0850
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3972.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 0101			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0101				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-39986-12
Client Matrix: Water

Date Sampled: 03/13/2013 0920
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3973.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 0118			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0118				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-39986-13
Client Matrix: Water

Date Sampled: 03/12/2013 1435
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3974.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 0136			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0136				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-39986-14
Client Matrix: Water

Date Sampled: 03/12/2013 1459
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3975.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 0153			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0153				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-39986-15
Client Matrix: Water

Date Sampled: 03/12/2013 1528
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3976.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 0211			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0211				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2464**

Lab Sample ID: 280-39986-17
Client Matrix: Water

Date Sampled: 03/12/2013 0905
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3977.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 0228			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0228				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2465**

Lab Sample ID: 280-39986-18
Client Matrix: Water

Date Sampled: 03/12/2013 0910
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3978.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 0246			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0246				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-39986-1	PIN12-0551-1	94	96	104	101
280-39986-2	PIN12-0551-2	98	99	104	99
280-39986-3	PIN12-0570-3	100	101	104	100
280-39986-4	PIN12-0576-1	92	93	101	94
280-39986-5	PIN12-0576-2	101	100	103	99
280-39986-6	PIN12-0576-3	93	97	97	91
280-39986-7	PIN12-0577-1	102	104	104	97
280-39986-8	PIN12-0577-2	98	102	102	98
280-39986-9	PIN12-0577-3	102	105	103	101
280-39986-10	PIN12-0578-1	102	102	103	98
280-39986-11	PIN12-0578-2	99	102	100	97
280-39986-12	PIN12-0578-3	98	101	98	94
280-39986-13	PIN12-0579-1	101	103	95	96
280-39986-14	PIN12-0579-2	103	104	95	94
280-39986-15	PIN12-0579-3	99	102	91	93
280-39986-16	PIN99-2200	94	79	100	99
280-39986-17	PIN12-2464	92	78	82	93
280-39986-18	PIN12-2465	103	91	95	98
MB 280-165858/6		95	95	102	96
MB 280-166554/5		91	77	91	86
LCS 280-165858/5		96	93	97	95
LCS 280-166554/4		97	84	98	96
280-39986-4 MS	PIN12-0576-1 MS	96	98	99	99
280-40133-C-1 MS		102	86	96	98
280-39986-4 MSD	PIN12-0576-1 MSD	98	100	102	100
280-40133-C-1 MSD		92	79	94	93

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-39986-1	PIN12-0551-1	100
280-39986-2	PIN12-0551-2	112
280-39986-3	PIN12-0570-3	122
280-39986-4	PIN12-0576-1	118
280-39986-5	PIN12-0576-2	110
280-39986-6	PIN12-0576-3	103
280-39986-7	PIN12-0577-1	99
280-39986-8	PIN12-0577-2	98
280-39986-9	PIN12-0577-3	99
280-39986-10	PIN12-0578-1	102
280-39986-11	PIN12-0578-2	103
280-39986-12	PIN12-0578-3	100
280-39986-13	PIN12-0579-1	99
280-39986-14	PIN12-0579-2	99
280-39986-15	PIN12-0579-3	99
280-39986-17	PIN12-2464	98
280-39986-18	PIN12-2465	98
MB 280-165812/17		96
MB 280-166050/5		100
MB 280-166279/5		93
LCS 280-165812/15		100
LCS 280-166050/3		98
LCS 280-166279/3		97
LCSD 280-165812/16		96
LCSD 280-166050/4		95
LCSD 280-166279/4		97
280-39986-5 MS	PIN12-0576-2 MS	105
280-39875-D-2 MS		98
280-39997-D-2 MS		102

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-39986-5 MSD	PIN12-0576-2 MSD	107
280-39875-D-2 MSD		101
280-39997-D-2 MSD		101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Method Blank - Batch: 280-165858

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165858/6	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS1992.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0924	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0924				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Method Blank - Batch: 280-165858

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165858/6	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS1992.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0924	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0924				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 127
Toluene-d8 (Surr)	102	80 - 125
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	95	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165858

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165858/5	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS1991.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0903	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0903				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.41	88	74 - 135	
Bromodichloromethane	5.00	4.37	87	73 - 135	
Carbon tetrachloride	5.00	4.36	87	67 - 135	
Chlorobenzene	5.00	4.54	91	76 - 135	
Chloroform	5.00	4.46	89	76 - 120	
1,3-Dichlorobenzene	5.00	4.46	89	74 - 135	
1,1-Dichloroethane	5.00	4.45	89	75 - 135	
trans-1,2-Dichloroethene	5.00	4.48	90	75 - 135	
1,1-Dichloroethene	5.00	4.90	98	71 - 136	
1,2-Dichloropropane	5.00	4.38	88	71 - 120	
Ethylbenzene	5.00	4.55	91	72 - 120	
Methylene Chloride	5.00	4.08	82	54 - 141	
Tetrachloroethene	5.00	4.54	91	70 - 135	
Toluene	5.00	4.46	89	73 - 120	
1,1,1-Trichloroethane	5.00	4.43	89	70 - 135	
Trichloroethene	5.00	4.44	89	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	95	78 - 120
Dibromofluoromethane (Surr)	96	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165858

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39986-4	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS1997.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1121			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1121				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39986-4	Analysis Batch:	280-165858	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS1998.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1142			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1142				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	96	93	74 - 135	3	20		
Bromodichloromethane	93	92	73 - 135	1	20		
Carbon tetrachloride	92	90	67 - 135	2	21		
Chlorobenzene	97	94	76 - 135	3	20		
Chloroform	94	93	76 - 120	1	20		
1,3-Dichlorobenzene	96	94	74 - 135	2	20		
1,1-Dichloroethane	103	94	75 - 135	2	21		
trans-1,2-Dichloroethene	93	93	75 - 135	0	24		
1,1-Dichloroethene	105	102	71 - 136	2	20		
1,2-Dichloropropane	94	94	71 - 120	0	20		
Ethylbenzene	97	96	72 - 120	1	26		
Methylene Chloride	75	74	54 - 141	2	20		
Tetrachloroethene	99	98	70 - 135	1	20		
Toluene	93	92	73 - 120	1	20		
1,1,1-Trichloroethane	94	92	70 - 135	2	20		
Trichloroethene	94	92	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	100	70 - 127
Toluene-d8 (Surr)	99	102	80 - 125
4-Bromofluorobenzene (Surr)	99	100	78 - 120
Dibromofluoromethane (Surr)	96	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165858

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39986-4	Units:	ug/L	MSD Lab Sample ID:	280-39986-4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1121			Analysis Date:	03/21/2013 1142
Prep Date:	03/21/2013 1121			Prep Date:	03/21/2013 1142
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.81	4.66
Bromodichloromethane	0.17	U	5.00	5.00	4.65	4.61
Carbon tetrachloride	0.19	U	5.00	5.00	4.59	4.48
Chlorobenzene	0.17	U	5.00	5.00	4.84	4.72
Chloroform	0.16	U	5.00	5.00	4.72	4.66
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.80	4.68
1,1-Dichloroethane	15		5.00	5.00	20.3	19.9
trans-1,2-Dichloroethene	0.17	J	5.00	5.00	4.84	4.84
1,1-Dichloroethene	2.0		5.00	5.00	7.27	7.13
1,2-Dichloropropane	0.18	U	5.00	5.00	4.68	4.69
Ethylbenzene	0.16	U	5.00	5.00	4.83	4.81
Methylene Chloride	0.32	U	5.00	5.00	3.74	3.68
Tetrachloroethene	0.20	U	5.00	5.00	4.96	4.92
Toluene	0.26	J	5.00	5.00	4.90	4.85
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.71	4.60
Trichloroethene	0.16	U	5.00	5.00	4.68	4.58

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Method Blank - Batch: 280-166554

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-166554/5	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5544.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2013 2314	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/25/2013 2314				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Method Blank - Batch: 280-166554

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-166554/5	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5544.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2013 2314	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/25/2013 2314				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77	70 - 127
Toluene-d8 (Surr)	91	80 - 125
4-Bromofluorobenzene (Surr)	86	78 - 120
Dibromofluoromethane (Surr)	91	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-166554

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-166554/4	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5543.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2013 2254	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/25/2013 2254				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.25	105	74 - 135	
Bromodichloromethane	5.00	4.91	98	73 - 135	
Carbon tetrachloride	5.00	5.68	114	67 - 135	
Chlorobenzene	5.00	5.10	102	76 - 135	
Chloroform	5.00	4.99	100	76 - 120	
1,3-Dichlorobenzene	5.00	5.27	105	74 - 135	
1,1-Dichloroethane	5.00	4.84	97	75 - 135	
trans-1,2-Dichloroethene	5.00	5.88	118	75 - 135	
1,1-Dichloroethene	5.00	6.26	125	71 - 136	
1,2-Dichloropropane	5.00	4.64	93	71 - 120	
Ethylbenzene	5.00	5.15	103	72 - 120	
Methylene Chloride	5.00	5.35	107	54 - 141	
Tetrachloroethene	5.00	5.70	114	70 - 135	
Toluene	5.00	5.76	115	73 - 120	
1,1,1-Trichloroethane	5.00	5.65	113	70 - 135	
Trichloroethene	5.00	5.20	104	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	97	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166554

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-40133-C-1 MS	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5549.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2013 0054			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0054				
Leach Date:	N/A				

MSD Lab Sample ID:	280-40133-C-1 MSD	Analysis Batch:	280-166554	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5550.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2013 0114			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0114				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	108	104	74 - 135	3	20		
Bromodichloromethane	106	103	73 - 135	3	20		
Carbon tetrachloride	112	109	67 - 135	3	21		
Chlorobenzene	104	105	76 - 135	2	20		
Chloroform	105	101	76 - 120	4	20		
1,3-Dichlorobenzene	107	106	74 - 135	1	20		
1,1-Dichloroethane	102	96	75 - 135	5	21		
trans-1,2-Dichloroethene	117	114	75 - 135	3	24		
1,1-Dichloroethene	130	123	71 - 136	6	20		
1,2-Dichloropropane	99	96	71 - 120	3	20		
Ethylbenzene	103	103	72 - 120	0	26		
Methylene Chloride	102	97	54 - 141	5	20		
Tetrachloroethene	109	114	70 - 135	4	20		
Toluene	117	115	73 - 120	2	20		
1,1,1-Trichloroethane	112	105	70 - 135	6	20		
Trichloroethene	103	102	73 - 135	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	79	70 - 127
Toluene-d8 (Surr)	96	94	80 - 125
4-Bromofluorobenzene (Surr)	98	93	78 - 120
Dibromofluoromethane (Surr)	102	92	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166554

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-40133-C-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-40133-C-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/26/2013 0054			Analysis Date:	03/26/2013 0114
Prep Date:	03/26/2013 0054			Prep Date:	03/26/2013 0114
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.38	5.21
Bromodichloromethane	0.17	U	5.00	5.00	5.29	5.13
Carbon tetrachloride	0.19	U	5.00	5.00	5.62	5.43
Chlorobenzene	0.17	U	5.00	5.00	5.19	5.27
Chloroform	0.16	U	5.00	5.00	5.25	5.07
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.36	5.28
1,1-Dichloroethane	0.45	J	5.00	5.00	5.53	5.24
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.85	5.68
1,1-Dichloroethene	0.23	U	5.00	5.00	6.52	6.14
1,2-Dichloropropane	0.18	U	5.00	5.00	4.94	4.79
Ethylbenzene	0.16	U	5.00	5.00	5.16	5.17
Methylene Chloride	0.32	U	5.00	5.00	5.09	4.85
Tetrachloroethene	0.37	J	5.00	5.00	5.80	6.05
Toluene	0.17	U	5.00	5.00	5.86	5.75
1,1,1-Trichloroethane	0.54	J	5.00	5.00	6.14	5.77
Trichloroethene	1.6		5.00	5.00	6.72	6.69

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Method Blank - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-165812/17	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3931.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2222	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2222				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165812/15	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3929.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2147	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2147				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-165812/16	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3930.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2205	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2205				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	106	107	25 - 141	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	96	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-165812/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-165812/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/20/2013 2147			Analysis Date:	03/20/2013 2205
Prep Date:	03/20/2013 2147			Prep Date:	03/20/2013 2205
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.32	5.35

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39875-D-2 MS	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3940.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0105			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0105				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39875-D-2 MSD	Analysis Batch:	280-165812	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3941.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 0122			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0122				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	82	26	25 - 141	103	20		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	101	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165812

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39875-D-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-39875-D-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 0105			Analysis Date:	03/21/2013 0122
Prep Date:	03/21/2013 0105			Prep Date:	03/21/2013 0122
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,4-Dioxane	0.44	U	10.0	10.0	8.16	2.62	F

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Method Blank - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-166050/5	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 2034	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2034				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166050/3	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3956.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1959	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1959				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-166050/4	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3957.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 2017	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2017				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	96	95	25 - 141	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166050/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-166050/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1959			Analysis Date:	03/21/2013 2017
Prep Date:	03/21/2013 1959			Prep Date:	03/21/2013 2017
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.79	4.74

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39997-D-2 MS	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3981.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/22/2013 0338			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0338				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39997-D-2 MSD	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3982.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/22/2013 0355			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0355				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	113	107	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	101	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39997-D-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-39997-D-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 0338			Analysis Date:	03/22/2013 0355
Prep Date:	03/22/2013 0338			Prep Date:	03/22/2013 0355
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	4.4	U	100	100	113	107

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Method Blank - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-166279/5	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1946	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1946				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166279/3	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1911	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1911				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-166279/4	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1929	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1929				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	103	103	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166279/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-166279/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 1911			Analysis Date:	03/22/2013 1929
Prep Date:	03/22/2013 1911			Prep Date:	03/22/2013 1929
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.16	5.14

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39986-5	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2249			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2249				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39986-5	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2306			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2306				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	146	225	25 - 141	17	20	E F	E F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	107	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39986-5	Units: ug/L	MSD Lab Sample ID:	280-39986-5	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/22/2013 2249		Analysis Date:	03/22/2013 2306	
Prep Date:	03/22/2013 2249		Prep Date:	03/22/2013 2306	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,4-Dioxane	27	10.0	10.0	41.9	E F	49.9	E F

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-165812					
LCS 280-165812/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-165812/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-165812/17	Method Blank	T	Water	8260B SIM	
280-39875-D-2 MS	Matrix Spike	T	Water	8260B SIM	
280-39875-D-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39986-7	PIN12-0577-1	T	Water	8260B SIM	
280-39986-8	PIN12-0577-2	T	Water	8260B SIM	
280-39986-9	PIN12-0577-3	T	Water	8260B SIM	
Analysis Batch:280-165858					
LCS 280-165858/5	Lab Control Sample	T	Water	8260B	
MB 280-165858/6	Method Blank	T	Water	8260B	
280-39986-1	PIN12-0551-1	T	Water	8260B	
280-39986-2	PIN12-0551-2	T	Water	8260B	
280-39986-3	PIN12-0570-3	T	Water	8260B	
280-39986-4	PIN12-0576-1	T	Water	8260B	
280-39986-4MS	Matrix Spike	T	Water	8260B	
280-39986-4MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39986-5	PIN12-0576-2	T	Water	8260B	
280-39986-6	PIN12-0576-3	T	Water	8260B	
280-39986-7	PIN12-0577-1	T	Water	8260B	
280-39986-8	PIN12-0577-2	T	Water	8260B	
280-39986-9	PIN12-0577-3	T	Water	8260B	
280-39986-10	PIN12-0578-1	T	Water	8260B	
280-39986-11	PIN12-0578-2	T	Water	8260B	
280-39986-12	PIN12-0578-3	T	Water	8260B	
280-39986-13	PIN12-0579-1	T	Water	8260B	
280-39986-14	PIN12-0579-2	T	Water	8260B	
280-39986-15	PIN12-0579-3	T	Water	8260B	
Analysis Batch:280-166050					
LCS 280-166050/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-166050/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-166050/5	Method Blank	T	Water	8260B SIM	
280-39986-10	PIN12-0578-1	T	Water	8260B SIM	
280-39986-11	PIN12-0578-2	T	Water	8260B SIM	
280-39986-12	PIN12-0578-3	T	Water	8260B SIM	
280-39986-13	PIN12-0579-1	T	Water	8260B SIM	
280-39986-14	PIN12-0579-2	T	Water	8260B SIM	
280-39986-15	PIN12-0579-3	T	Water	8260B SIM	
280-39986-17	PIN12-2464	T	Water	8260B SIM	
280-39986-18	PIN12-2465	T	Water	8260B SIM	
280-39997-D-2 MS	Matrix Spike	T	Water	8260B SIM	
280-39997-D-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-39986-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-166279					
LCS 280-166279/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-166279/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-166279/5	Method Blank	T	Water	8260B SIM	
280-39986-1	PIN12-0551-1	T	Water	8260B SIM	
280-39986-2	PIN12-0551-2	T	Water	8260B SIM	
280-39986-3	PIN12-0570-3	T	Water	8260B SIM	
280-39986-4	PIN12-0576-1	T	Water	8260B SIM	
280-39986-5	PIN12-0576-2	T	Water	8260B SIM	
280-39986-5MS	Matrix Spike	T	Water	8260B SIM	
280-39986-5MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39986-6	PIN12-0576-3	T	Water	8260B SIM	
Analysis Batch:280-166554					
LCS 280-166554/4	Lab Control Sample	T	Water	8260B	
MB 280-166554/5	Method Blank	T	Water	8260B	
280-39986-16	PIN99-2200	T	Water	8260B	
280-39986-17	PIN12-2464	T	Water	8260B	
280-39986-18	PIN12-2465	T	Water	8260B	
280-40133-C-1 MS	Matrix Spike	T	Water	8260B	
280-40133-C-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-39997-1

SDG Number: 13025120

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
3/28/2013 12:04 PM

Kae E Yoder
Project Manager II
kae.yoder@testamericainc.com
03/28/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

Table of Contents

Table of Contents

CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13025120

Report Number: 280-39997-1

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted. Calculations are performed before rounding to avoid round-off errors in calculated results.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 3/15/2013 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.9º C and 2.1º C.

The chains-of-custody were not relinquished by TestAmerica's Tampa laboratory, the forwarding laboratory. The client was notified on 3/18/2013.

GC/MS VOLATILES - SW846 8260B

Due to high constituent concentration, a reduced aliquot size had to be used for the analysis of cis-1,2-Dichloroethene and Vinyl chloride in samples PIN12-0587-2 (LDU 902), PIN12-0587-3 (LDU 888) and PIN12-2454 (LDU 960). The reporting limits have been elevated accordingly.

Due to the nature of the sample matrix (foamy), samples PIN12-0588-1 (LDU 889), PIN12-S68C (LDU 933) and PIN12-S68D (DU 934) had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

The MS aliquot of the MS/MSD performed on sample PIN12-0583-1 (LDU 881) in batch 280-165603 exhibited spike compound recoveries outside the control limits, biased high. The LCS was within control limits.

No other anomalies were encountered.

GC/MS VOLATILES - SW846 8260B SIM - 1,4-Dioxane

In some cases, due to the nature of the sample matrix (foamy), samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

The MS/MSD associated with batch 280-166279 exhibited percent recoveries outside the control limits, biased high. It can be noted that the MS and MSD concentrations were present above the instrument calibration range. The LCS and LCSD were within control limits.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-39997-1	PIN12-0583-1	Water	03/12/2013 1400	03/15/2013 0930
280-39997-1MS	PIN12-0583-1	Water	03/12/2013 1400	03/15/2013 0930
280-39997-1MSD	PIN12-0583-1	Water	03/12/2013 1400	03/15/2013 0930
280-39997-2	PIN12-0583-2	Water	03/12/2013 1434	03/15/2013 0930
280-39997-2MS	PIN12-0583-2	Water	03/12/2013 1434	03/15/2013 0930
280-39997-2MSD	PIN12-0583-2	Water	03/12/2013 1434	03/15/2013 0930
280-39997-3	PIN12-0583-3	Water	03/12/2013 1512	03/15/2013 0930
280-39997-4	PIN12-0586-1	Water	03/13/2013 1054	03/15/2013 0930
280-39997-5	PIN12-0586-2	Water	03/13/2013 1125	03/15/2013 0930
280-39997-6	PIN12-0586-3	Water	03/13/2013 1342	03/15/2013 0930
280-39997-7	PIN12-0587-1	Water	03/13/2013 1440	03/15/2013 0930
280-39997-8	PIN12-0587-2	Water	03/13/2013 1508	03/15/2013 0930
280-39997-9	PIN12-0587-3	Water	03/13/2013 1644	03/15/2013 0930
280-39997-10	PIN12-0588-1	Water	03/14/2013 0900	03/15/2013 0930
280-39997-11	PIN12-0588-2	Water	03/14/2013 0933	03/15/2013 0930
280-39997-12	PIN12-0588-3	Water	03/14/2013 1007	03/15/2013 0930
280-39997-13	PIN12-2453	Water	03/12/2013 1200	03/15/2013 0930
280-39997-14	PIN12-2454	Water	03/13/2013 1446	03/15/2013 0930
280-39997-15	PIN12-S68B	Water	03/13/2013 0856	03/15/2013 0930
280-39997-16	PIN12-S68C	Water	03/13/2013 0931	03/15/2013 0930
280-39997-17	PIN12-S68D	Water	03/13/2013 1004	03/15/2013 0930
280-39997-18	PIN12-S69B	Water	03/12/2013 0906	03/15/2013 0930
280-39997-19	PIN12-S69C	Water	03/12/2013 0933	03/15/2013 0930
280-39997-20	PIN12-S69D	Water	03/12/2013 1013	03/15/2013 0930
280-39997-21	PIN12-S70B	Water	03/12/2013 1110	03/15/2013 0930
280-39997-22	PIN12-S70C	Water	03/12/2013 1157	03/15/2013 0930
280-39997-23	PIN12-S70D	Water	03/12/2013 1303	03/15/2013 0930
280-39997-24	PIN99-2449	Water	03/12/2013 0845	03/15/2013 0930

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39997-1	**PIN12-0583-1**					
Acetone		7.7	J	10	ug/L	8260B
2-Hexanone		2.1	J	5.0	ug/L	8260B
Toluene		0.26	J	1.0	ug/L	8260B
280-39997-2	**PIN12-0583-2**					
Acetone		5.5	J	10	ug/L	8260B
1,1-Dichloroethane		0.52	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.25	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.2		1.0	ug/L	8260B
Toluene		0.26	J	1.0	ug/L	8260B
Vinyl chloride		16		1.0	ug/L	8260B
280-39997-4	**PIN12-0586-1**					
Acetone		3.9	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.36	J	1.0	ug/L	8260B
280-39997-5	**PIN12-0586-2**					
Acetone		6.3	J	10	ug/L	8260B
1,1-Dichloroethane		0.27	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		3.0		1.0	ug/L	8260B
Vinyl chloride		2.9		1.0	ug/L	8260B
280-39997-6	**PIN12-0586-3**					
Acetone		8.7	J	10	ug/L	8260B
Carbon disulfide		2.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.53	J	1.0	ug/L	8260B
Toluene		0.17	J	1.0	ug/L	8260B
Vinyl chloride		1.5		1.0	ug/L	8260B
280-39997-7	**PIN12-0587-1**					
Acetone		5.3	J	10	ug/L	8260B
cis-1,2-Dichloroethene		50		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.30	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.3		1.0	ug/L	8260B
Vinyl chloride		13		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39997-8	**PIN12-0587-2**					
Acetone		8.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		190		5.0	ug/L	8260B
trans-1,2-Dichloroethene		1.4		1.0	ug/L	8260B
1,1-Dichloroethene		7.9		1.0	ug/L	8260B
Toluene		0.27	J	1.0	ug/L	8260B
Vinyl chloride		71		5.0	ug/L	8260B
280-39997-9	**PIN12-0587-3**					
Acetone		6.3	J	10	ug/L	8260B
cis-1,2-Dichloroethene		280		10	ug/L	8260B
trans-1,2-Dichloroethene		2.2		1.0	ug/L	8260B
1,1-Dichloroethene		16		1.0	ug/L	8260B
Toluene		0.17	J	1.0	ug/L	8260B
Vinyl chloride		130		10	ug/L	8260B
280-39997-11	**PIN12-0588-2**					
Acetone		4.4	J	10	ug/L	8260B
1,1-Dichloroethane		2.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
Vinyl chloride		16		1.0	ug/L	8260B
1,4-Dioxane		6.6		2.0	ug/L	8260B SIM
280-39997-12	**PIN12-0588-3**					
cis-1,2-Dichloroethene		0.87	J	1.0	ug/L	8260B
Toluene		0.17	J	1.0	ug/L	8260B
Vinyl chloride		1.4		1.0	ug/L	8260B
280-39997-13	**PIN12-2453**					
1,1-Dichloroethane		0.48	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.30	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.6		1.0	ug/L	8260B
Vinyl chloride		15		1.0	ug/L	8260B
280-39997-14	**PIN12-2454**					
Acetone		6.6	J	10	ug/L	8260B
cis-1,2-Dichloroethene		220		10	ug/L	8260B
trans-1,2-Dichloroethene		1.6		1.0	ug/L	8260B
1,1-Dichloroethene		11		1.0	ug/L	8260B
Toluene		0.22	J	1.0	ug/L	8260B
Vinyl chloride		82		10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-39997-16	**PIN12-S68C**					
1,1-Dichloroethane		1.5	J	4.0	ug/L	8260B
cis-1,2-Dichloroethene		5.3		4.0	ug/L	8260B
1,4-Dioxane		4.5		2.0	ug/L	8260B SIM
280-39997-17	**PIN12-S68D**					
1,1-Dichloroethane		1.4	J	4.0	ug/L	8260B
cis-1,2-Dichloroethene		41		4.0	ug/L	8260B
Vinyl chloride		16		4.0	ug/L	8260B
1,4-Dioxane		3.3		2.0	ug/L	8260B SIM
280-39997-20	**PIN12-S69D**					
cis-1,2-Dichloroethene		0.30	J	1.0	ug/L	8260B
280-39997-21	**PIN12-S70B**					
cis-1,2-Dichloroethene		15		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.47	J	1.0	ug/L	8260B
Vinyl chloride		7.5		1.0	ug/L	8260B
280-39997-22	**PIN12-S70C**					
1,1-Dichloroethane		9.6		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19		1.0	ug/L	8260B
trans-1,2-Dichloroethene		7.2		1.0	ug/L	8260B
1,1-Dichloroethene		0.47	J	1.0	ug/L	8260B
Vinyl chloride		22		1.0	ug/L	8260B
1,4-Dioxane		15		2.0	ug/L	8260B SIM
280-39997-23	**PIN12-S70D**					
1,1-Dichloroethane		8.0		1.0	ug/L	8260B
cis-1,2-Dichloroethene		23		1.0	ug/L	8260B
trans-1,2-Dichloroethene		9.2		1.0	ug/L	8260B
1,1-Dichloroethene		0.68	J	1.0	ug/L	8260B
Vinyl chloride		19		1.0	ug/L	8260B
1,4-Dioxane		12		2.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method	Analyst	Analyst ID
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-39997-1
Client Matrix: Water

Date Sampled: 03/12/2013 1400
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5428.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0112			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0112				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	2.1	J	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-39997-1
Client Matrix: Water

Date Sampled: 03/12/2013 1400
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5428.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0112			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0112				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.26	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	116		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-39997-2
Client Matrix: Water

Date Sampled: 03/12/2013 1434
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5431.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0212			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0212				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.52	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.25	J	0.15	1.0
trans-1,2-Dichloroethene	2.2		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-39997-2
Client Matrix: Water

Date Sampled: 03/12/2013 1434
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5431.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0212			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0212				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.26	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	16		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-39997-3
Client Matrix: Water

Date Sampled: 03/12/2013 1512
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2054.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0246			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0246				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-39997-3
Client Matrix: Water

Date Sampled: 03/12/2013 1512
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2054.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0246			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0246				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-39997-4
Client Matrix: Water

Date Sampled: 03/13/2013 1054
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5432.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0232			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.36	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-39997-4
Client Matrix: Water

Date Sampled: 03/13/2013 1054
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5432.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0232			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0232				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	118		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-39997-5
Client Matrix: Water

Date Sampled: 03/13/2013 1125
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5433.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0252			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0252				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.27	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	3.0		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-39997-5
Client Matrix: Water

Date Sampled: 03/13/2013 1125
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5433.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0252			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0252				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	2.9		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	119		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-39997-6
Client Matrix: Water

Date Sampled: 03/13/2013 1342
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5434.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0312			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0312				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	2.3		0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.53	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-39997-6
Client Matrix: Water

Date Sampled: 03/13/2013 1342
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5434.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0312			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0312				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	86		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-39997-7
Client Matrix: Water

Date Sampled: 03/13/2013 1440
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5435.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0332			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	50		0.15	1.0
trans-1,2-Dichloroethene	0.30	J	0.15	1.0
1,1-Dichloroethene	1.3		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-39997-7
Client Matrix: Water

Date Sampled: 03/13/2013 1440
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5435.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0332			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	13		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	84		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-39997-8
Client Matrix: Water

Date Sampled: 03/13/2013 1508
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5436.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0352			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0352				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.4		0.15	1.0
1,1-Dichloroethene	7.9		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-39997-8
Client Matrix: Water

Date Sampled: 03/13/2013 1508
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5436.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0352			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0352				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.27	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-39997-8
Client Matrix: Water

Date Sampled: 03/13/2013 1508
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2116.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/21/2013 0400	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0400				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	190		0.75	5.0
Vinyl chloride	71		0.50	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	88		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-39997-9
Client Matrix: Water

Date Sampled: 03/13/2013 1644
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5437.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0412			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0412				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	2.2		0.15	1.0
1,1-Dichloroethene	16		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-39997-9
Client Matrix: Water

Date Sampled: 03/13/2013 1644
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5437.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0412			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0412				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-39997-9
Client Matrix: Water

Date Sampled: 03/13/2013 1644
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2117.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/21/2013 0423	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0423				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	280		1.5	10
Vinyl chloride	130		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	84		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-39997-10
Client Matrix: Water

Date Sampled: 03/14/2013 0900
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2118.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/21/2013 0446			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0446				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	0.60	U	0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-39997-10
Client Matrix: Water

Date Sampled: 03/14/2013 0900
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2118.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/21/2013 0446			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0446				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-39997-11
Client Matrix: Water

Date Sampled: 03/14/2013 0933
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5439.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0452			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0452				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.4	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.7		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	12		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-39997-11
Client Matrix: Water

Date Sampled: 03/14/2013 0933
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5439.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0452			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0452				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	16		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-39997-12
Client Matrix: Water

Date Sampled: 03/14/2013 1007
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5440.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0512			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0512				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.87	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-39997-12
Client Matrix: Water

Date Sampled: 03/14/2013 1007
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5440.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0512			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0512				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	118		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-39997-13
Client Matrix: Water

Date Sampled: 03/12/2013 1200
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2055.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0309			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0309				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.48	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.30	J	0.15	1.0
trans-1,2-Dichloroethene	2.6		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-39997-13
Client Matrix: Water

Date Sampled: 03/12/2013 1200
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2055.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0309			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0309				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	15		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-39997-14
Client Matrix: Water

Date Sampled: 03/13/2013 1446
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5441.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0532			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0532				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.6		0.15	1.0
1,1-Dichloroethene	11		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-39997-14
Client Matrix: Water

Date Sampled: 03/13/2013 1446
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	C5441.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0532			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0532				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.22	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
Toluene-d8 (Surr)	81		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-39997-14
Client Matrix: Water

Date Sampled: 03/13/2013 1446
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2119.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/21/2013 0510	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0510				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	220		1.5	10
Vinyl chloride	82		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-39997-15
Client Matrix: Water

Date Sampled: 03/13/2013 0856
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2063.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0614			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0614				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-39997-15
Client Matrix: Water

Date Sampled: 03/13/2013 0856
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2063.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0614			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0614				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-39997-16
Client Matrix: Water

Date Sampled: 03/13/2013 0931
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2064.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 0637			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0637				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	1.5	J	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	5.3		0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-39997-16
Client Matrix: Water

Date Sampled: 03/13/2013 0931
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2064.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 0637			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0637				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	0.40	U	0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	86		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-39997-17
Client Matrix: Water

Date Sampled: 03/13/2013 1004
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2065.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 0700			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0700				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	1.4	J	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	41		0.60	4.0
trans-1,2-Dichloroethene	0.60	U	0.60	4.0
1,1-Dichloroethene	0.92	U	0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-39997-17
Client Matrix: Water

Date Sampled: 03/13/2013 1004
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2065.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2013 0700			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0700				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.68	U	0.68	4.0
1,1,1,2-Tetrachloroethane	0.84	U	0.84	4.0
1,1,2,2-Tetrachloroethane	0.84	U	0.84	4.0
Tetrachloroethene	0.80	U	0.80	4.0
Toluene	0.68	U	0.68	4.0
1,2,3-Trichlorobenzene	0.84	U	0.84	4.0
1,2,4-Trichlorobenzene	0.84	U	0.84	4.0
1,1,1-Trichloroethane	0.64	U	0.64	4.0
1,1,2-Trichloroethane	1.1	U	1.1	4.0
Trichloroethene	0.64	U	0.64	4.0
Trichlorofluoromethane	1.2	U	1.2	4.0
1,2,3-Trichloropropane	1.3	U	1.3	4.0
1,2,4-Trimethylbenzene	0.60	U	0.60	4.0
1,3,5-Trimethylbenzene	0.64	U	0.64	4.0
Vinyl chloride	16		0.40	4.0
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-39997-18
Client Matrix: Water

Date Sampled: 03/12/2013 0906
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2056.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0332			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-39997-18
Client Matrix: Water

Date Sampled: 03/12/2013 0906
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2056.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0332			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-39997-19
Client Matrix: Water

Date Sampled: 03/12/2013 0933
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2057.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0355			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0355				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-39997-19
Client Matrix: Water

Date Sampled: 03/12/2013 0933
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2057.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0355			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0355				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	86		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-39997-20
Client Matrix: Water

Date Sampled: 03/12/2013 1013
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2058.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0418			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0418				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.30	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-39997-20
Client Matrix: Water

Date Sampled: 03/12/2013 1013
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2058.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0418			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0418				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	86		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-39997-21
Client Matrix: Water

Date Sampled: 03/12/2013 1110
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2059.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0441			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0441				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	15		0.15	1.0
trans-1,2-Dichloroethene	0.47	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-39997-21
Client Matrix: Water

Date Sampled: 03/12/2013 1110
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2059.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0441			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0441				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	7.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	86		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-39997-22
Client Matrix: Water

Date Sampled: 03/12/2013 1157
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2060.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0504			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0504				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	9.6		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	19		0.15	1.0
trans-1,2-Dichloroethene	7.2		0.15	1.0
1,1-Dichloroethene	0.47	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-39997-22
Client Matrix: Water

Date Sampled: 03/12/2013 1157
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2060.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0504			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0504				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	22		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-39997-23
Client Matrix: Water

Date Sampled: 03/12/2013 1303
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2061.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0528			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0528				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	8.0		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	23		0.15	1.0
trans-1,2-Dichloroethene	9.2		0.15	1.0
1,1-Dichloroethene	0.68	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-39997-23
Client Matrix: Water

Date Sampled: 03/12/2013 1303
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2061.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0528			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0528				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	19		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2449**

Lab Sample ID: 280-39997-24
Client Matrix: Water

Date Sampled: 03/12/2013 0845
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2062.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0551			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0551				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN99-2449**

Lab Sample ID: 280-39997-24
Client Matrix: Water

Date Sampled: 03/12/2013 0845
Date Received: 03/15/2013 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2062.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0551			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0551				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-39997-1
Client Matrix: Water

Date Sampled: 03/12/2013 1400
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3959.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 2114			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2114				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-39997-2
Client Matrix: Water

Date Sampled: 03/12/2013 1434
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3980.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/22/2013 0320			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0320				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.4	U	4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-39997-3
Client Matrix: Water

Date Sampled: 03/12/2013 1512
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3983.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 0413			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0413				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-39997-4
Client Matrix: Water

Date Sampled: 03/13/2013 1054
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4030.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2341			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2341				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-39997-5
Client Matrix: Water

Date Sampled: 03/13/2013 1125
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4031.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2359			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2359				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-39997-6
Client Matrix: Water

Date Sampled: 03/13/2013 1342
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4032.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2013 0016			Final Weight/Volume:	20 mL
Prep Date:	03/23/2013 0016				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-39997-7
Client Matrix: Water

Date Sampled: 03/13/2013 1440
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4033.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2013 0034			Final Weight/Volume:	20 mL
Prep Date:	03/23/2013 0034				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-39997-8
Client Matrix: Water

Date Sampled: 03/13/2013 1508
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4034.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2013 0051			Final Weight/Volume:	20 mL
Prep Date:	03/23/2013 0051				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-39997-9
Client Matrix: Water

Date Sampled: 03/13/2013 1644
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4035.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2013 0108			Final Weight/Volume:	20 mL
Prep Date:	03/23/2013 0108				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-39997-10
Client Matrix: Water

Date Sampled: 03/14/2013 0900
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166553	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4109.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/26/2013 0701			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0701				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-39997-11
Client Matrix: Water

Date Sampled: 03/14/2013 0933
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166553	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4110.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/26/2013 0718			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0718				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.6		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-39997-12
Client Matrix: Water

Date Sampled: 03/14/2013 1007
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166553	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4111.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/26/2013 0736			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0736				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-39997-13
Client Matrix: Water

Date Sampled: 03/12/2013 1200
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3964.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/21/2013 2241			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2241				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-39997-14
Client Matrix: Water

Date Sampled: 03/13/2013 1446
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4036.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2013 0126			Final Weight/Volume:	20 mL
Prep Date:	03/23/2013 0126				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-39997-15
Client Matrix: Water

Date Sampled: 03/13/2013 0856
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4037.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2013 0143			Final Weight/Volume:	20 mL
Prep Date:	03/23/2013 0143				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-39997-16
Client Matrix: Water

Date Sampled: 03/13/2013 0931
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4038.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2013 0201			Final Weight/Volume:	20 mL
Prep Date:	03/23/2013 0201				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.5		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-39997-17
Client Matrix: Water

Date Sampled: 03/13/2013 1004
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4039.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2013 0218			Final Weight/Volume:	20 mL
Prep Date:	03/23/2013 0218				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.3		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-39997-18
Client Matrix: Water

Date Sampled: 03/12/2013 0906
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3984.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 0430			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0430				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-39997-19
Client Matrix: Water

Date Sampled: 03/12/2013 0933
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3985.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 0447			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0447				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-39997-20
Client Matrix: Water

Date Sampled: 03/12/2013 1013
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3986.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/22/2013 0505			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0505				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-39997-21
Client Matrix: Water

Date Sampled: 03/12/2013 1110
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3968.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 2351			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2351				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-39997-22
Client Matrix: Water

Date Sampled: 03/12/2013 1157
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3969.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 0008			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0008				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	15		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-39997-23
Client Matrix: Water

Date Sampled: 03/12/2013 1303
Date Received: 03/15/2013 0930

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E3970.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 0026			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0026				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	12		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-39997-1	PIN12-0583-1	116	117	101	107
280-39997-2	PIN12-0583-2	103	103	88	92
280-39997-3	PIN12-0583-3	92	86	96	94
280-39997-4	PIN12-0586-1	118	117	90	104
280-39997-5	PIN12-0586-2	119	122	98	108
280-39997-6	PIN12-0586-3	102	100	86	93
280-39997-7	PIN12-0587-1	107	107	84	97
280-39997-8	PIN12-0587-2	106	107	87	95
280-39997-8 DL	PIN12-0587-2 DL	88	84	93	92
280-39997-9	PIN12-0587-3	110	109	88	96
280-39997-9 DL	PIN12-0587-3 DL	84	79	87	89
280-39997-10	PIN12-0588-1	92	87	93	97
280-39997-11	PIN12-0588-2	114	112	94	103
280-39997-12	PIN12-0588-3	118	116	96	102
280-39997-13	PIN12-2453	94	90	97	95
280-39997-14	PIN12-2454	107	108	81	91
280-39997-14 DL	PIN12-2454 DL	92	88	96	98
280-39997-15	PIN12-S68B	90	82	97	94
280-39997-16	PIN12-S68C	86	80	91	90
280-39997-17	PIN12-S68D	91	84	92	91
280-39997-18	PIN12-S69B	92	86	92	91
280-39997-19	PIN12-S69C	86	78	91	94
280-39997-20	PIN12-S69D	86	78	90	90
280-39997-21	PIN12-S70B	86	77	92	91
280-39997-22	PIN12-S70C	99	94	104	104
280-39997-23	PIN12-S70D	92	87	96	94
280-39997-24	PIN99-2449	85	80	91	92
MB 280-165603/5		106	104	91	101
MB 280-165610/5		88	81	97	92

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MB 280-165842/5		91	90	93	95
LCS 280-165603/4		106	102	95	94
LCS 280-165610/4		88	83	93	91
LCS 280-165842/4		82	81	87	88
280-39997-1 MS	PIN12-0583-1 MS	103	107	82	81
280-39993-D-1 MS		105	100	96	92
280-39865-B-1 MS		87	81	99	96
280-39966-B-1 MS		91	89	96	98
280-39997-1 MSD	PIN12-0583-1 MSD	117	123	95	95
280-39993-D-1 MSD		109	103	97	93
280-39865-B-1 MSD		83	77	90	90
280-39966-B-1 MSD		92	92	93	97

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-39997-1	PIN12-0583-1	117
280-39997-2	PIN12-0583-2	98
280-39997-3	PIN12-0583-3	109
280-39997-4	PIN12-0586-1	101
280-39997-5	PIN12-0586-2	102
280-39997-6	PIN12-0586-3	102
280-39997-7	PIN12-0587-1	100
280-39997-8	PIN12-0587-2	103
280-39997-9	PIN12-0587-3	120
280-39997-10	PIN12-0588-1	99
280-39997-11	PIN12-0588-2	103
280-39997-12	PIN12-0588-3	108
280-39997-13	PIN12-2453	119
280-39997-14	PIN12-2454	105
280-39997-15	PIN12-S68B	102
280-39997-16	PIN12-S68C	107
280-39997-17	PIN12-S68D	100
280-39997-18	PIN12-S69B	96
280-39997-19	PIN12-S69C	95
280-39997-20	PIN12-S69D	97
280-39997-21	PIN12-S70B	102
280-39997-22	PIN12-S70C	103
280-39997-23	PIN12-S70D	103
MB 280-166050/5		100
MB 280-166279/5		93
MB 280-166553/17		101
LCS 280-166050/3		98
LCS 280-166279/3		97
LCS 280-166553/15		108

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCSD 280-166050/4		95
LCSD 280-166279/4		97
LCSD 280-166553/16		102
280-39997-2 MS	PIN12-0583-2 MS	102
280-39986-B-5 MS		105
280-40230-D-1 MS		95
280-39997-2 MSD	PIN12-0583-2 MSD	101
280-39986-B-5 MSD		107
280-40230-D-1 MSD		101

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-165603

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165603/5	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5415.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2050	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-165603

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165603/5	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5415.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2050	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2050				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	70 - 127
Toluene-d8 (Surr)	91	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165603

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165603/4	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5414.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2030	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2030				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.02	100	74 - 135	
Bromodichloromethane	5.00	5.27	105	73 - 135	
Carbon tetrachloride	5.00	6.10	122	67 - 135	
Chlorobenzene	5.00	4.67	93	76 - 135	
Chloroform	5.00	5.44	109	76 - 120	
1,3-Dichlorobenzene	5.00	4.78	96	74 - 135	
1,1-Dichloroethane	5.00	5.05	101	75 - 135	
trans-1,2-Dichloroethene	5.00	5.47	109	75 - 135	
1,1-Dichloroethene	5.00	5.84	117	71 - 136	
1,2-Dichloropropane	5.00	4.53	91	71 - 120	
Ethylbenzene	5.00	4.70	94	72 - 120	
Methylene Chloride	5.00	5.02	100	54 - 141	
Tetrachloroethene	5.00	5.11	102	70 - 135	
Toluene	5.00	5.29	106	73 - 120	
1,1,1-Trichloroethane	5.00	6.06	121	70 - 135	
Trichloroethene	5.00	5.26	105	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165603

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39993-D-1 MS	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5418.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2152			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2152				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39993-D-1 MSD	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5419.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2212			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2212				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	105	103	74 - 135	2	20		
Bromodichloromethane	108	111	73 - 135	3	20		
Carbon tetrachloride	129	127	67 - 135	2	21		
Chlorobenzene	99	99	76 - 135	0	20		
Chloroform	116	114	76 - 120	2	20		
1,3-Dichlorobenzene	100	98	74 - 135	2	20		
1,1-Dichloroethane	107	108	75 - 135	1	21		
trans-1,2-Dichloroethene	111	112	75 - 135	1	24		
1,1-Dichloroethene	118	119	71 - 136	1	20		
1,2-Dichloropropane	97	94	71 - 120	3	20		
Ethylbenzene	99	97	72 - 120	1	26		
Methylene Chloride	92	94	54 - 141	2	20		
Tetrachloroethene	112	109	70 - 135	2	20		
Toluene	112	109	73 - 120	3	20		
1,1,1-Trichloroethane	128	126	70 - 135	2	20		
Trichloroethene	107	108	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	103	70 - 127
Toluene-d8 (Surr)	96	97	80 - 125
4-Bromofluorobenzene (Surr)	92	93	78 - 120
Dibromofluoromethane (Surr)	105	109	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165603

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39997-1	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5429.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0132			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0132				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39997-1	Analysis Batch:	280-165603	Instrument ID:	VMS_C
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	C5430.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 0152			Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 0152				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	106	100	74 - 135	6	20		
Bromodichloromethane	117	116	73 - 135	1	20		
Carbon tetrachloride	142	132	67 - 135	7	21	F	
Chlorobenzene	98	95	76 - 135	4	20		
Chloroform	126	117	76 - 120	8	20	F	
1,3-Dichlorobenzene	97	93	74 - 135	3	20		
1,1-Dichloroethane	114	107	75 - 135	7	21		
trans-1,2-Dichloroethene	118	109	75 - 135	8	24		
1,1-Dichloroethene	124	112	71 - 136	10	20		
1,2-Dichloropropane	97	94	71 - 120	3	20		
Ethylbenzene	93	88	72 - 120	6	26		
Methylene Chloride	103	94	54 - 141	9	20		
Tetrachloroethene	110	105	70 - 135	5	20		
Toluene	108	106	73 - 120	2	20		
1,1,1-Trichloroethane	142	131	70 - 135	8	20	F	
Trichloroethene	108	102	73 - 135	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	123	70 - 127
Toluene-d8 (Surr)	82	95	80 - 125
4-Bromofluorobenzene (Surr)	81	95	78 - 120
Dibromofluoromethane (Surr)	103	117	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165603

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39993-D-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-39993-D-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 2152			Analysis Date:	03/19/2013 2212
Prep Date:	03/19/2013 2152			Prep Date:	03/19/2013 2212
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.24	5.15
Bromodichloromethane	0.17	U	5.00	5.00	5.39	5.56
Carbon tetrachloride	0.19	U	5.00	5.00	6.44	6.33
Chlorobenzene	0.17	U	5.00	5.00	4.95	4.95
Chloroform	0.16	U	5.00	5.00	5.78	5.68
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.99	4.89
1,1-Dichloroethane	0.22	U	5.00	5.00	5.34	5.39
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.53	5.59
1,1-Dichloroethene	0.23	U	5.00	5.00	5.89	5.93
1,2-Dichloropropane	0.18	U	5.00	5.00	4.85	4.71
Ethylbenzene	0.16	U	5.00	5.00	4.93	4.86
Methylene Chloride	0.32	U	5.00	5.00	4.61	4.71
Tetrachloroethene	0.20	U	5.00	5.00	5.58	5.44
Toluene	0.25	J	5.00	5.00	5.85	5.69
1,1,1-Trichloroethane	0.16	U	5.00	5.00	6.42	6.28
Trichloroethene	0.16	U	5.00	5.00	5.35	5.39

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165603

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39997-1	Units:	ug/L	MSD Lab Sample ID:	280-39997-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/20/2013 0132			Analysis Date:	03/20/2013 0152
Prep Date:	03/20/2013 0132			Prep Date:	03/20/2013 0152
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.31		5.00
Bromodichloromethane	0.17	U	5.00	5.00	5.85		5.82
Carbon tetrachloride	0.19	U	5.00	5.00	7.09	F	6.59
Chlorobenzene	0.17	U	5.00	5.00	4.91		4.73
Chloroform	0.16	U	5.00	5.00	6.31	F	5.85
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.83		4.67
1,1-Dichloroethane	0.22	U	5.00	5.00	5.71		5.34
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.91		5.43
1,1-Dichloroethene	0.23	U	5.00	5.00	6.20		5.61
1,2-Dichloropropane	0.18	U	5.00	5.00	4.85		4.70
Ethylbenzene	0.16	U	5.00	5.00	4.67		4.40
Methylene Chloride	0.32	U	5.00	5.00	5.13		4.70
Tetrachloroethene	0.20	U	5.00	5.00	5.52		5.23
Toluene	0.26	J	5.00	5.00	5.69		5.56
1,1,1-Trichloroethane	0.16	U	5.00	5.00	7.11	F	6.57
Trichloroethene	0.16	U	5.00	5.00	5.41		5.11

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-165610

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165610/5	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2041.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2135	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2135				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-165610

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165610/5	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2041.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2135	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2135				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	88	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165610

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165610/4	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2040.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2112	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2112				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.66	93	74 - 135	
Bromodichloromethane	5.00	4.56	91	73 - 135	
Carbon tetrachloride	5.00	4.78	96	67 - 135	
Chlorobenzene	5.00	4.43	89	76 - 135	
Chloroform	5.00	4.59	92	76 - 120	
1,3-Dichlorobenzene	5.00	4.46	89	74 - 135	
1,1-Dichloroethane	5.00	4.55	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.57	91	75 - 135	
1,1-Dichloroethene	5.00	5.16	103	71 - 136	
1,2-Dichloropropane	5.00	4.69	94	71 - 120	
Ethylbenzene	5.00	4.52	90	72 - 120	
Methylene Chloride	5.00	3.78	76	54 - 141	
Tetrachloroethene	5.00	4.34	87	70 - 135	
Toluene	5.00	4.73	95	73 - 120	
1,1,1-Trichloroethane	5.00	5.00	100	70 - 135	
Trichloroethene	5.00	4.80	96	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	91	78 - 120
Dibromofluoromethane (Surr)	88	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165610

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39865-B-1 MS	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2045.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2318			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2318				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39865-B-1 MSD	Analysis Batch:	280-165610	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2046.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2013 2341			Final Weight/Volume:	20 mL
Prep Date:	03/19/2013 2341				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	87	82	74 - 135	6	20		
Bromodichloromethane	86	83	73 - 135	4	20		
Carbon tetrachloride	94	87	67 - 135	8	21		
Chlorobenzene	85	80	76 - 135	6	20		
Chloroform	89	84	76 - 120	6	20		
1,3-Dichlorobenzene	90	85	74 - 135	6	20		
1,1-Dichloroethane	86	78	75 - 135	10	21		
trans-1,2-Dichloroethene	86	83	75 - 135	4	24		
1,1-Dichloroethene	97	91	71 - 136	6	20		
1,2-Dichloropropane	84	80	71 - 120	5	20		
Ethylbenzene	92	87	72 - 120	6	26		
Methylene Chloride	63	59	54 - 141	6	20		
Tetrachloroethene	84	86	70 - 135	2	20		
Toluene	90	84	73 - 120	7	20		
1,1,1-Trichloroethane	96	90	70 - 135	6	20		
Trichloroethene	90	86	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	77	70 - 127
Toluene-d8 (Surr)	99	90	80 - 125
4-Bromofluorobenzene (Surr)	96	90	78 - 120
Dibromofluoromethane (Surr)	87	83	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165610

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39865-B-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-39865-B-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2013 2318			Analysis Date:	03/19/2013 2341
Prep Date:	03/19/2013 2318			Prep Date:	03/19/2013 2341
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.34	4.08
Bromodichloromethane	0.17	U	5.00	5.00	4.31	4.14
Carbon tetrachloride	0.19	U	5.00	5.00	4.69	4.33
Chlorobenzene	0.17	U	5.00	5.00	4.24	3.99
Chloroform	0.16	U	5.00	5.00	4.47	4.21
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.51	4.24
1,1-Dichloroethane	0.22	U	5.00	5.00	4.30	3.90
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.31	4.16
1,1-Dichloroethene	0.23	U	5.00	5.00	4.84	4.54
1,2-Dichloropropane	0.18	U	5.00	5.00	4.19	4.00
Ethylbenzene	0.16	U	5.00	5.00	4.62	4.36
Methylene Chloride	0.32	U	5.00	5.00	3.16	2.97
Tetrachloroethene	0.20	U	5.00	5.00	4.22	4.32
Toluene	0.17	U	5.00	5.00	4.51	4.20
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.80	4.51
Trichloroethene	0.16	U	5.00	5.00	4.50	4.31

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-165842

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165842/5	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0020	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0020				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-165842

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-165842/5	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2107.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0020	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0020				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	95	78 - 120
Dibromofluoromethane (Surr)	91	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Lab Control Sample - Batch: 280-165842

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-165842/4	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2106.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2013 2356	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2013 2356				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	3.88	78	74 - 135	
Bromodichloromethane	5.00	4.06	81	73 - 135	
Carbon tetrachloride	5.00	4.19	84	67 - 135	
Chlorobenzene	5.00	3.83	77	76 - 135	
Chloroform	5.00	4.03	81	76 - 120	
1,3-Dichlorobenzene	5.00	3.94	79	74 - 135	
1,1-Dichloroethane	5.00	3.92	78	75 - 135	
trans-1,2-Dichloroethene	5.00	3.92	78	75 - 135	
1,1-Dichloroethene	5.00	4.41	88	71 - 136	
1,2-Dichloropropane	5.00	3.98	80	71 - 120	
Ethylbenzene	5.00	4.13	83	72 - 120	
Methylene Chloride	5.00	3.17	63	54 - 141	
Tetrachloroethene	5.00	3.79	76	70 - 135	
Toluene	5.00	4.10	82	73 - 120	
1,1,1-Trichloroethane	5.00	4.34	87	70 - 135	
Trichloroethene	5.00	3.97	79	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	70 - 127
Toluene-d8 (Surr)	87	80 - 125
4-Bromofluorobenzene (Surr)	88	78 - 120
Dibromofluoromethane (Surr)	82	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165842

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39966-B-1 MS	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2109.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0118			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0118				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39966-B-1 MSD	Analysis Batch:	280-165842	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2110.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 0141			Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 0141				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	88	85	74 - 135	3	20		
Bromodichloromethane	89	90	73 - 135	2	20		
Carbon tetrachloride	97	92	67 - 135	5	21		
Chlorobenzene	83	81	76 - 135	2	20		
Chloroform	89	89	76 - 120	0	20		
1,3-Dichlorobenzene	90	85	74 - 135	5	20		
1,1-Dichloroethane	90	87	75 - 135	3	21		
trans-1,2-Dichloroethene	89	86	75 - 135	3	24		
1,1-Dichloroethene	102	95	71 - 136	7	20		
1,2-Dichloropropane	86	86	71 - 120	1	20		
Ethylbenzene	92	87	72 - 120	5	26		
Methylene Chloride	67	66	54 - 141	2	20		
Tetrachloroethene	82	77	70 - 135	6	20		
Toluene	91	89	73 - 120	2	20		
1,1,1-Trichloroethane	102	96	70 - 135	6	20		
Trichloroethene	92	89	73 - 135	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	92	70 - 127
Toluene-d8 (Surr)	96	93	80 - 125
4-Bromofluorobenzene (Surr)	98	97	78 - 120
Dibromofluoromethane (Surr)	91	92	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-165842

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-39966-B-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-39966-B-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 0118			Analysis Date:	03/21/2013 0141
Prep Date:	03/21/2013 0118			Prep Date:	03/21/2013 0141
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.40	4.27
Bromodichloromethane	0.17	U	5.00	5.00	4.44	4.52
Carbon tetrachloride	0.19	U	5.00	5.00	4.85	4.62
Chlorobenzene	0.17	U	5.00	5.00	4.15	4.07
Chloroform	0.16	U	5.00	5.00	4.44	4.45
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.48	4.24
1,1-Dichloroethane	0.22	U	5.00	5.00	4.48	4.35
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.43	4.29
1,1-Dichloroethene	0.23	U	5.00	5.00	5.11	4.76
1,2-Dichloropropane	0.18	U	5.00	5.00	4.31	4.28
Ethylbenzene	0.16	U	5.00	5.00	4.59	4.36
Methylene Chloride	0.32	U	5.00	5.00	3.36	3.29
Tetrachloroethene	0.38	J	5.00	5.00	4.49	4.23
Toluene	0.17	U	5.00	5.00	4.55	4.47
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.08	4.79
Trichloroethene	0.16	U	5.00	5.00	4.58	4.47

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-166050/5	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 2034	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2034				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166050/3	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3956.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 1959	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 1959				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-166050/4	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3957.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2013 2017	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2013 2017				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	96	95	25 - 141	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166050/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-166050/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/21/2013 1959			Analysis Date:	03/21/2013 2017
Prep Date:	03/21/2013 1959			Prep Date:	03/21/2013 2017
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.79	4.74

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39997-2	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3981.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/22/2013 0338			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0338				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39997-2	Analysis Batch:	280-166050	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E3982.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	03/22/2013 0355			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 0355				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	113	107	25 - 141	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	101	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166050

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39997-2	Units:	ug/L	MSD Lab Sample ID:	280-39997-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 0338			Analysis Date:	03/22/2013 0355
Prep Date:	03/22/2013 0338			Prep Date:	03/22/2013 0355
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	4.4	U	100	100	113	107

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-166279/5	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1946	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1946				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166279/3	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1911	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1911				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-166279/4	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/22/2013 1929	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 1929				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	103	103	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	97	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166279/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-166279/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/22/2013 1911			Analysis Date:	03/22/2013 1929
Prep Date:	03/22/2013 1911			Prep Date:	03/22/2013 1929
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.16	5.14

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39986-B-5 MS	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2249			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2249				
Leach Date:	N/A				

MSD Lab Sample ID:	280-39986-B-5 MSD	Analysis Batch:	280-166279	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/22/2013 2306			Final Weight/Volume:	20 mL
Prep Date:	03/22/2013 2306				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	146	225	25 - 141	17	20	E F	E F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	107	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166279

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-39986-B-5 MS	Units: ug/L	MSD Lab Sample ID:	280-39986-B-5 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/22/2013 2249		Analysis Date:	03/22/2013 2306	
Prep Date:	03/22/2013 2249		Prep Date:	03/22/2013 2306	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,4-Dioxane	27	10.0	10.0	41.9	E F	49.9	E F

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Method Blank - Batch: 280-166553

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-166553/17	Analysis Batch:	280-166553	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4093.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2013 0222	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0222				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-166553

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166553/15	Analysis Batch:	280-166553	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4091.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2013 0147	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0147				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-166553/16	Analysis Batch:	280-166553	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4092.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2013 0204	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0204				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	107	103	25 - 141	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108	102	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-166553

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-166553/15	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-166553/16
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/26/2013 0147			Analysis Date:	03/26/2013 0204
Prep Date:	03/26/2013 0147			Prep Date:	03/26/2013 0204
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.37	5.16

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166553

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-40230-D-1 MS	Analysis Batch:	280-166553	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4101.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/26/2013 0442			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0442				
Leach Date:	N/A				

MSD Lab Sample ID:	280-40230-D-1 MSD	Analysis Batch:	280-166553	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4102.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10 mL
Analysis Date:	03/26/2013 0459			Final Weight/Volume:	20 mL
Prep Date:	03/26/2013 0459				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	104	120	25 - 141	7	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	101	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-166553

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-40230-D-1 MS	Units: ug/L	MSD Lab Sample ID:	280-40230-D-1 MSD	
Client Matrix:	Water		Client Matrix:	Water	
Dilution:	1.0		Dilution:	1.0	
Analysis Date:	03/26/2013 0442		Analysis Date:	03/26/2013 0459	
Prep Date:	03/26/2013 0442		Prep Date:	03/26/2013 0459	
Leach Date:	N/A		Leach Date:	N/A	

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	12	10.0	10.0	22.2	23.8

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-165603					
LCS 280-165603/4	Lab Control Sample	T	Water	8260B	
MB 280-165603/5	Method Blank	T	Water	8260B	
280-39993-D-1 MS	Matrix Spike	T	Water	8260B	
280-39993-D-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39997-1	PIN12-0583-1	T	Water	8260B	
280-39997-1MS	Matrix Spike	T	Water	8260B	
280-39997-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39997-2	PIN12-0583-2	T	Water	8260B	
280-39997-4	PIN12-0586-1	T	Water	8260B	
280-39997-5	PIN12-0586-2	T	Water	8260B	
280-39997-6	PIN12-0586-3	T	Water	8260B	
280-39997-7	PIN12-0587-1	T	Water	8260B	
280-39997-8	PIN12-0587-2	T	Water	8260B	
280-39997-9	PIN12-0587-3	T	Water	8260B	
280-39997-11	PIN12-0588-2	T	Water	8260B	
280-39997-12	PIN12-0588-3	T	Water	8260B	
280-39997-14	PIN12-2454	T	Water	8260B	
Analysis Batch:280-165610					
LCS 280-165610/4	Lab Control Sample	T	Water	8260B	
MB 280-165610/5	Method Blank	T	Water	8260B	
280-39865-B-1 MS	Matrix Spike	T	Water	8260B	
280-39865-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39997-3	PIN12-0583-3	T	Water	8260B	
280-39997-13	PIN12-2453	T	Water	8260B	
280-39997-15	PIN12-S68B	T	Water	8260B	
280-39997-16	PIN12-S68C	T	Water	8260B	
280-39997-17	PIN12-S68D	T	Water	8260B	
280-39997-18	PIN12-S69B	T	Water	8260B	
280-39997-19	PIN12-S69C	T	Water	8260B	
280-39997-20	PIN12-S69D	T	Water	8260B	
280-39997-21	PIN12-S70B	T	Water	8260B	
280-39997-22	PIN12-S70C	T	Water	8260B	
280-39997-23	PIN12-S70D	T	Water	8260B	
280-39997-24	PIN99-2449	T	Water	8260B	
Analysis Batch:280-165842					
LCS 280-165842/4	Lab Control Sample	T	Water	8260B	
MB 280-165842/5	Method Blank	T	Water	8260B	
280-39966-B-1 MS	Matrix Spike	T	Water	8260B	
280-39966-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-39997-8DL	PIN12-0587-2	T	Water	8260B	
280-39997-9DL	PIN12-0587-3	T	Water	8260B	
280-39997-10	PIN12-0588-1	T	Water	8260B	
280-39997-14DL	PIN12-2454	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-166050					
LCS 280-166050/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-166050/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-166050/5	Method Blank	T	Water	8260B SIM	
280-39997-1	PIN12-0583-1	T	Water	8260B SIM	
280-39997-2	PIN12-0583-2	T	Water	8260B SIM	
280-39997-2MS	Matrix Spike	T	Water	8260B SIM	
280-39997-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39997-3	PIN12-0583-3	T	Water	8260B SIM	
280-39997-13	PIN12-2453	T	Water	8260B SIM	
280-39997-18	PIN12-S69B	T	Water	8260B SIM	
280-39997-19	PIN12-S69C	T	Water	8260B SIM	
280-39997-20	PIN12-S69D	T	Water	8260B SIM	
280-39997-21	PIN12-S70B	T	Water	8260B SIM	
280-39997-22	PIN12-S70C	T	Water	8260B SIM	
280-39997-23	PIN12-S70D	T	Water	8260B SIM	
Analysis Batch:280-166279					
LCS 280-166279/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-166279/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-166279/5	Method Blank	T	Water	8260B SIM	
280-39986-B-5 MS	Matrix Spike	T	Water	8260B SIM	
280-39986-B-5 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-39997-4	PIN12-0586-1	T	Water	8260B SIM	
280-39997-5	PIN12-0586-2	T	Water	8260B SIM	
280-39997-6	PIN12-0586-3	T	Water	8260B SIM	
280-39997-7	PIN12-0587-1	T	Water	8260B SIM	
280-39997-8	PIN12-0587-2	T	Water	8260B SIM	
280-39997-9	PIN12-0587-3	T	Water	8260B SIM	
280-39997-14	PIN12-2454	T	Water	8260B SIM	
280-39997-15	PIN12-S68B	T	Water	8260B SIM	
280-39997-16	PIN12-S68C	T	Water	8260B SIM	
280-39997-17	PIN12-S68D	T	Water	8260B SIM	
Analysis Batch:280-166553					
LCS 280-166553/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-166553/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-166553/17	Method Blank	T	Water	8260B SIM	
280-39997-10	PIN12-0588-1	T	Water	8260B SIM	
280-39997-11	PIN12-0588-2	T	Water	8260B SIM	
280-39997-12	PIN12-0588-3	T	Water	8260B SIM	
280-40230-D-1 MS	Matrix Spike	T	Water	8260B SIM	
280-40230-D-1 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-39997-1
Sdg Number: 13025120

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis
T = Total

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 280-40744-1

SDG Number: 13045231

Job Description: PINELLAS MONITORING

For:
S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
4/11/2013 12:26 PM

Kae E Yoder
Project Manager II
kae.yoder@testamericainc.com
04/11/2013

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Pages have been deleted from this laboratory report file to reduce file size. The deleted pages contain raw data and instrument calibrations. If the full laboratory report is needed, contact Scott.Surovchak@lm.doe.gov

Table of Contents

Table of Contents

CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13045231

Report Number: 280-40744-1

With exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. All laboratory quality control samples analyzed in conjunction with the samples in this project were within established control limits, with any exceptions noted. Calculations are performed before rounding to avoid round-off errors in calculated results.

This report includes reporting limits (RLs) less than TestAmerica Denver's practical quantitation limits. These reporting limits are being used specifically at the client's request to meet the needs of this project. Please note that data are not normally reported to these levels without qualification, since they are inherently less reliable and potentially less defensible than required by the current NELAC standards.

Results between the method detection limit (MDL) and reporting limit (RL) are flagged with a "J" qualifier to indicate an estimated value. These results are statistically less reliable than results greater than or equal to the RL and should be considered a qualitative value.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/5/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.2º C.

GC/MS VOLATILES - SW846 8260B

The MS/MSD performed on sample PIN12-0561-1 (LFZ 335) exhibited RPD data outside the control limits for 1,2-Dichloropropane and Methylene Chloride. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

GC/MS VOLATILES - SW846 8260B SIM - 1,4-Dioxane

Due to the sample matrix being excessively foamy, reduced aliquot sizes had to be used for the analysis of samples PIN12-0561-2 (LFZ 336) and PIN12-0561-3 (LFZ 337). The reporting limits have been elevated accordingly.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	RPD of the MS and MSD exceeds the control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-40744-1	PIN12-0561-1	Water	04/04/2013 1020	04/05/2013 1428
280-40744-1MS	PIN12-0561-1	Water	04/04/2013 1020	04/05/2013 1428
280-40744-1MSD	PIN12-0561-1	Water	04/04/2013 1020	04/05/2013 1428
280-40744-2	PIN12-0561-2	Water	04/04/2013 1103	04/05/2013 1428
280-40744-3	PIN12-0561-3	Water	04/04/2013 1329	04/05/2013 1428
280-40744-4	PIN12-2474	Water	04/04/2013 0800	04/05/2013 1428

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method

No Detections

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL DEN	SW846 8260B	
Purge and Trap	TAL DEN		SW846 5030B
Volatile Organic Compounds (GC/MS-SIM)	TAL DEN	SW846 8260B SIM	
Purge and Trap	TAL DEN		SW846 5030B

Lab References:

TAL DEN = TestAmerica Denver

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Method	Analyst	Analyst ID
SW846 8260B	Tinkham, Sarah A	SAT
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-40744-1
Client Matrix: Water

Date Sampled: 04/04/2013 1020
Date Received: 04/05/2013 1428

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2748.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0537			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0537				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-40744-1
Client Matrix: Water

Date Sampled: 04/04/2013 1020
Date Received: 04/05/2013 1428

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2748.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0537			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0537				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-40744-2
Client Matrix: Water

Date Sampled: 04/04/2013 1103
Date Received: 04/05/2013 1428

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2736.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0102			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-40744-2
Client Matrix: Water

Date Sampled: 04/04/2013 1103
Date Received: 04/05/2013 1428

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2736.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0102			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-40744-3
Client Matrix: Water

Date Sampled: 04/04/2013 1329
Date Received: 04/05/2013 1428

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2737.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0125			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0125				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-40744-3
Client Matrix: Water

Date Sampled: 04/04/2013 1329
Date Received: 04/05/2013 1428

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2737.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0125			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0125				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-2474**

Lab Sample ID: 280-40744-4
Client Matrix: Water

Date Sampled: 04/04/2013 0800
Date Received: 04/05/2013 1428

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2738.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0149			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0149				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-2474**

Lab Sample ID: 280-40744-4
Client Matrix: Water

Date Sampled: 04/04/2013 0800
Date Received: 04/05/2013 1428

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR2738.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0149			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0149				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-40744-1
Client Matrix: Water

Date Sampled: 04/04/2013 1020
Date Received: 04/05/2013 1428

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4268.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2302			Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2302				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-40744-2
Client Matrix: Water

Date Sampled: 04/04/2013 1103
Date Received: 04/05/2013 1428

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4271.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	04/05/2013 2354			Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2354				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-40744-3
Client Matrix: Water

Date Sampled: 04/04/2013 1329
Date Received: 04/05/2013 1428

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4272.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	04/06/2013 0011			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0011				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.44	U	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Client Sample ID: **PIN12-2474**

Lab Sample ID: 280-40744-4
Client Matrix: Water

Date Sampled: 04/04/2013 0800
Date Received: 04/05/2013 1428

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Analysis Method:	8260B SIM	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E4273.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0029			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0029				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
280-40744-1	PIN12-0561-1	99	90	98	93
280-40744-2	PIN12-0561-2	96	90	96	89
280-40744-3	PIN12-0561-3	107	102	101	97
280-40744-4	PIN12-2474	102	94	103	98
MB 280-168288/7		106	103	102	95
LCS 280-168288/6		107	105	99	96
280-40744-1 MS	PIN12-0561-1 MS	101	94	96	91
280-40744-1 MSD	PIN12-0561-1 MSD	106	99	102	98

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	77-120
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127
TOL = Toluene-d8 (Surr)	80-125
BFB = 4-Bromofluorobenzene (Surr)	78-120

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Surrogate Recovery Report

8260B SIM Volatile Organic Compounds (GC/MS-SIM)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-40744-1	PIN12-0561-1	113
280-40744-2	PIN12-0561-2	113
280-40744-3	PIN12-0561-3	107
280-40744-4	PIN12-2474	108
MB 280-168286/5		115
LCS 280-168286/3		114
LCSD 280-168286/4		113
280-40744-1 MS	PIN12-0561-1 MS	110
280-40744-1 MSD	PIN12-0561-1 MSD	114

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Method Blank - Batch: 280-168288

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-168288/7	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2731.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2307	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2307				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Method Blank - Batch: 280-168288

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-168288/7	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2731.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2307	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2307				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 127
Toluene-d8 (Surr)	102	80 - 125
4-Bromofluorobenzene (Surr)	95	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Lab Control Sample - Batch: 280-168288

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-168288/6	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2730.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2244	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2244				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.07	101	74 - 135	
Bromodichloromethane	5.00	5.43	109	73 - 135	
Carbon tetrachloride	5.00	6.21	124	67 - 135	
Chlorobenzene	5.00	4.85	97	76 - 135	
Chloroform	5.00	5.38	108	76 - 120	
1,3-Dichlorobenzene	5.00	5.03	101	74 - 135	
1,1-Dichloroethane	5.00	5.17	103	75 - 135	
trans-1,2-Dichloroethene	5.00	5.34	107	75 - 135	
1,1-Dichloroethene	5.00	5.95	119	71 - 136	
1,2-Dichloropropane	5.00	5.15	103	71 - 120	
Ethylbenzene	5.00	5.40	108	72 - 120	
Methylene Chloride	5.00	4.46	89	54 - 141	
Tetrachloroethene	5.00	4.97	99	70 - 135	
Toluene	5.00	5.35	107	73 - 120	
1,1,1-Trichloroethane	5.00	6.33	127	70 - 135	
Trichloroethene	5.00	5.64	113	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 127
Toluene-d8 (Surr)	99	80 - 125
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	107	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-168288

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-40744-1	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2734.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0016			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0016				
Leach Date:	N/A				

MSD Lab Sample ID:	280-40744-1	Analysis Batch:	280-168288	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR2735.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/06/2013 0039			Final Weight/Volume:	20 mL
Prep Date:	04/06/2013 0039				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	98	113	74 - 135	14	20		
Bromodichloromethane	99	117	73 - 135	16	20		
Carbon tetrachloride	110	119	67 - 135	8	21		
Chlorobenzene	92	107	76 - 135	15	20		
Chloroform	100	116	76 - 120	15	20		
1,3-Dichlorobenzene	96	113	74 - 135	17	20		
1,1-Dichloroethane	101	116	75 - 135	14	21		
trans-1,2-Dichloroethene	100	114	75 - 135	14	24		
1,1-Dichloroethene	113	121	71 - 136	7	20		
1,2-Dichloropropane	95	119	71 - 120	22	20		F
Ethylbenzene	102	117	72 - 120	14	26		
Methylene Chloride	71	92	54 - 141	26	20		F
Tetrachloroethene	94	106	70 - 135	12	20		
Toluene	99	116	73 - 120	16	20		
1,1,1-Trichloroethane	114	127	70 - 135	10	20		
Trichloroethene	103	116	73 - 135	12	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	99	70 - 127
Toluene-d8 (Surr)	96	102	80 - 125
4-Bromofluorobenzene (Surr)	91	98	78 - 120
Dibromofluoromethane (Surr)	101	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-168288

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-40744-1	Units:	ug/L	MSD Lab Sample ID:	280-40744-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/06/2013 0016			Analysis Date:	04/06/2013 0039
Prep Date:	04/06/2013 0016			Prep Date:	04/06/2013 0039
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	0.16	U	5.00	5.00	4.91	5.64	
Bromodichloromethane	0.17	U	5.00	5.00	4.95	5.84	
Carbon tetrachloride	0.19	U	5.00	5.00	5.50	5.96	
Chlorobenzene	0.17	U	5.00	5.00	4.61	5.36	
Chloroform	0.16	U	5.00	5.00	4.98	5.80	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.79	5.67	
1,1-Dichloroethane	0.22	U	5.00	5.00	5.07	5.82	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.99	5.71	
1,1-Dichloroethene	0.23	U	5.00	5.00	5.67	6.07	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.77	5.97	F
Ethylbenzene	0.16	U	5.00	5.00	5.10	5.85	
Methylene Chloride	0.32	U	5.00	5.00	3.55	4.61	F
Tetrachloroethene	0.20	U	5.00	5.00	4.72	5.30	
Toluene	0.17	U	5.00	5.00	4.97	5.82	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.72	6.33	
Trichloroethene	0.16	U	5.00	5.00	5.14	5.78	

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Method Blank - Batch: 280-168286

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-168286/5	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4263.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2134	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2134				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-168286

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-168286/3	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4261.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2059	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2059				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-168286/4	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4262.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2117	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2117				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	93	90	25 - 141	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114	113	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-168286

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-168286/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 280-168286/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/05/2013 2059			Analysis Date:	04/05/2013 2117
Prep Date:	04/05/2013 2059			Prep Date:	04/05/2013 2117
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.66	4.48

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-168286

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-40744-1	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4269.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2319			Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2319				
Leach Date:	N/A				

MSD Lab Sample ID:	280-40744-1	Analysis Batch:	280-168286	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E4270.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	04/05/2013 2337			Final Weight/Volume:	20 mL
Prep Date:	04/05/2013 2337				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	79	85	25 - 141	8	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	114	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-168286

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-40744-1	Units:	ug/L	MSD Lab Sample ID:	280-40744-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/05/2013 2319			Analysis Date:	04/05/2013 2337
Prep Date:	04/05/2013 2319			Prep Date:	04/05/2013 2337
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	3.94	4.25

Client: S.M. Stoller Corporation

Job Number: 280-40744-1
Sdg Number: 13045231

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-168286					
LCS 280-168286/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-168286/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-168286/5	Method Blank	T	Water	8260B SIM	
280-40744-1	PIN12-0561-1	T	Water	8260B SIM	
280-40744-1MS	Matrix Spike	T	Water	8260B SIM	
280-40744-1MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-40744-2	PIN12-0561-2	T	Water	8260B SIM	
280-40744-3	PIN12-0561-3	T	Water	8260B SIM	
280-40744-4	PIN12-2474	T	Water	8260B SIM	
Analysis Batch:280-168288					
LCS 280-168288/6	Lab Control Sample	T	Water	8260B	
MB 280-168288/7	Method Blank	T	Water	8260B	
280-40744-1	PIN12-0561-1	T	Water	8260B	
280-40744-1MS	Matrix Spike	T	Water	8260B	
280-40744-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-40744-2	PIN12-0561-2	T	Water	8260B	
280-40744-3	PIN12-0561-3	T	Water	8260B	
280-40744-4	PIN12-2474	T	Water	8260B	

Report Basis
T = Total