

**Pinellas County, Florida, Site
Environmental Restoration Project**

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

December 2013 Through May 2014

June 2014



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

cDCE	<i>cis</i> -1,2-dichloroethene
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
FDEP	Florida Department of Environmental Protection
HSWA	Hazardous and Solid Waste Amendments
IC	institutional control
LM	Office of Legacy Management
µg/L	micrograms per liter
RBCA	Risk-Based Corrective Action
RCRA	Resource Conservation and Recovery Act
RPD	relative percent difference
STAR Center	Young - Rainey Science, Technology, and Research Center
SWMU	solid-waste management unit
TCE	trichloroethene
TCOPCs	total contaminants of potential concern
tDCE	<i>trans</i> -1,2-dichloroethene
VC	vinyl chloride
WWNA	Wastewater Neutralization Area/Building 200 Area

1.0 Introduction

The Young - Rainey STAR Center (Science, Technology, and Research 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 (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 *Florida Statutes* Section 403.722 and *Florida Administrative Code* Sections 62-4, 62-160, 62-730, 62-777, and 62-780 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). The S.M. Stoller Corporation, a wholly owned subsidiary of Huntington Ingalls Industries and a prime contractor to LM, provides technical support to DOE for remediation and closure of all active SWMUs onsite.

The EPA RCRA Facility Assessment 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 1991), 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. 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/Corrective Measures Implementation Plan was prepared and submitted in 1997 to EPA Region 4 and FDEP to address the contamination at the WWNA.

Therefore, four active SWMUs currently remain 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 of the 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 ($\mu\text{g/L}$) to onsite groundwater. Closure monitoring was completed in October 2006. FDEP approved a No Further Action with Controls proposal for the site 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 STAR Center landowner (Pinellas County Industrial Development Authority) to establish ICs (Declarations of Restrictive Covenant between the FDEP and the landowners) at the STAR Center and the adjacent properties affected by the Building 100 Area groundwater plume. 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. These ICs 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 SWMU by providing the results of recent monitoring activities and a summary of ongoing and projected work.

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 1997).

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.

Several campaigns for characterization and remediation of contaminants of potential concern (COPCs) in groundwater beneath and adjacent to the building commenced in the mid-1990s and ceased in 2012. Prior to the start of the Pinellas County water line and road projects on Belcher and Bryan Dairy Roads in 2011, 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 then conducted on the properties south of Bryan Dairy Road and also on the property east of the STAR Center across Belcher Road.

The *Building 100 Area Site Assessment Report* (DOE 2012) summarizes the results of the plume delineation work conducted at the Building 100 Area and the adjacent properties from 2007 to 2012. The action proposed in that document was 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 2013b). 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.

A series of characterization and remedial actions was completed, including groundwater recovery and treatment, debris and soil source material excavation in 1995, anaerobic bioremediation and rotary steam-stripping pilot testing in 1997, two nonaqueous phase liquid removal projects utilizing a thermal remediation method from 2002 to 2006, and soil removal using large-diameter augers in 2009.

As a follow-up to all of this work, emulsified soybean oil and the *Dehalococcoides mccartyi* microorganism (formerly known as *Dehalococcoides ethenogenes*) were injected into the subsurface at 75 points at the site in January and February 2010. This project 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 remedial action and confirmatory groundwater monitoring, DOE is proceeding to close the Northeast Site under the FDEP's RBCA rules (*Florida Administrative Code* Section 62-780.680). 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 2013a) 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 industrial wastewater neutralization facility, the area south of the industrial wastewater neutralization facility (including the parking lot), and Building 200 (Figure 2). The WWNA and the Building 200 Area were identified as potential SWMUs in 1993.

Following extensive characterization and remedial action, a No Further Action with Controls proposal was submitted to FDEP on March 14, 2007. FDEP approved the document on May 24, 2007, pending finalization of ICs at the STAR Center.

1.4 Site Update

The following tasks were accomplished during the December 2013 through May 2014 time period.

- The sitewide semiannual sampling event was conducted March 5–12, 2014. This event consisted of collection of water samples from 100 monitoring wells at the Building 100 Area for plume stability monitoring. Water level measurements were obtained from all accessible monitoring wells, recovery wells, and ponds on March 4.
- Bladder pumps were removed from most monitoring wells after the March sampling event. These wells will be sampled with a peristaltic pump in the future. Bladder pumps remain in only the three wells screened in the Floridan aquifer.

1.5 Waste Minimization

The following materials were recycled at the Pinellas site from June through November 2013:

- 257 pounds of paper
- 28 pounds of cardboard
- 7 pounds of plastic
- 25 pounds of magazines
- 14 pounds of glass
- 2 pounds of aluminum
- 46 pounds of electronics

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 4, 2014. 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 2014 (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 2014 was about 0.003 foot/foot onsite and about 0.004 foot/foot offsite to the south. Based on calculations using Darcy's law, along with approximations of 1 foot/day for hydraulic conductivity and 0.3 for effective porosity, groundwater velocity in this area is estimated to be about 4 to 5 feet/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 feet/day, which is higher than previous tests conducted in other areas of the STAR Center, where estimated hydraulic conductivities were closer to 1 foot/day.

Surface water elevations were recorded in March 2014 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 semiannual sampling event at the STAR Center in March 2014, 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 2014. 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 trichloroethene (TCE), *cis*-1,2-dichloroethene (cDCE), *trans*-1,2-dichloroethene (tDCE), 1,1-dichloroethene (1,1-DCE), vinyl chloride (VC), and 1,4-dioxane. Figures 7–13 show the plumes for the individual COPCs; plume maps for tDCE and 1,1-DCE are not shown because these COPCs rarely exceed the CTL.

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 through duplicate samples, trip blanks, and equipment blanks. The duplicate sample results were compared, and the relative percent differences (RPDs) between the results were calculated (Table 4).

Several analytes 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. There is no explanation for the poor RPD values. These results were “J” qualified as estimated values due to the poor RPD values.

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, 100 samples and 5 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. Nine trip blanks also were collected during this event.

A data validation software module for identifying and tracking anomalous groundwater data within the SEEPro (Site Environmental Evaluation for Projects) 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 2013b). 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. Semiannual plume stability monitoring began with the March 2013 sampling event.

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, a trend line will be fit to the data, and a typical range of variation of the area under the curve established for seasonal or other effects. The plume may be designated as unstable if an increasing trend beyond the established range 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. 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 12-0570 located on the Harrod property (Figure 14), the COPC concentrations in all three screened intervals (12-0570-1, -2, and -3) will be summed, plotted, and evaluated as above.

Table 5 contains the COPCs data generated since plume stability monitoring began in March 2013. The COPCs data from March 2014 are listed by cross section in Table 6. The sum of COPCs at each “data point” in each cross section is listed in Table 7. The area under the curve for each cross section is listed in Table 8. The area under the curve is a dimensionless value calculated using a spreadsheet; it is not the sum of the COPCs in each cross section.

Figures 15–26 show the curve plots and the area under the curve trends for each cross section. Figures 27–29 show the sum of COPCs trends for monitoring well triples PIN12-0565, -0568, and -0570.

Two full years of monitoring (four semiannual sampling events; two wet season events and two dry season events) will be required before conclusions can be drawn from the results. The following text contains observations about the results to date (March and September 2013 and March 2014).

The linear regression trend lines fit to the area under the curve plots for the east plume, E1-E2, E3-E4, and E5-E6 (Figures 16, 18, and 20), all show decreasing trends. As described previously, a decreasing trend indicates a stable plume, and the decreasing trend for all three cross-sections demonstrates that the entire east plume is stable.

The linear regression trend lines fit to the area under the curve plots for the south plume, S1-E2, S2-S3, and S4-S5 (Figures 22, 24, and 26), all show increasing trends. In cross-section S1-E2, the area under the curve value decreased from September 2013 to March 2014, but an overall increasing trend was still observed. The increasing trend in cross-section S2-S3 is due solely to concentration increases in the 12-0587 triple well (Table 5). The increasing trend in cross-section S4-S5 also is due to concentration increases in the triple well 12-0587. The offsite wells in this cross-section show stable trends, suggesting that attenuation processes act to mitigate concentration increases from the onsite portion of the plume.

5.0 Upcoming Tasks

The following major tasks are planned for the next semiannual period (June through November 2014):

- Plume stability monitoring at the Building 100 Area will continue with the semiannual sampling event in September 2014.
- A vapor intrusion mitigation pilot test will be conducted beneath Building 100 in July or August 2014. Subsequently, a full-scale vapor intrusion mitigation system may be installed, depending on the results of the pilot test.

6.0 References

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Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites, LMS/PRO/S04351, continually updated, prepared by The S.M. Stoller Corporation, a wholly owned subsidiary of Huntington Ingalls Industries, for the U.S. Department of Energy Office of Legacy Management, Grand Junction, Colorado.

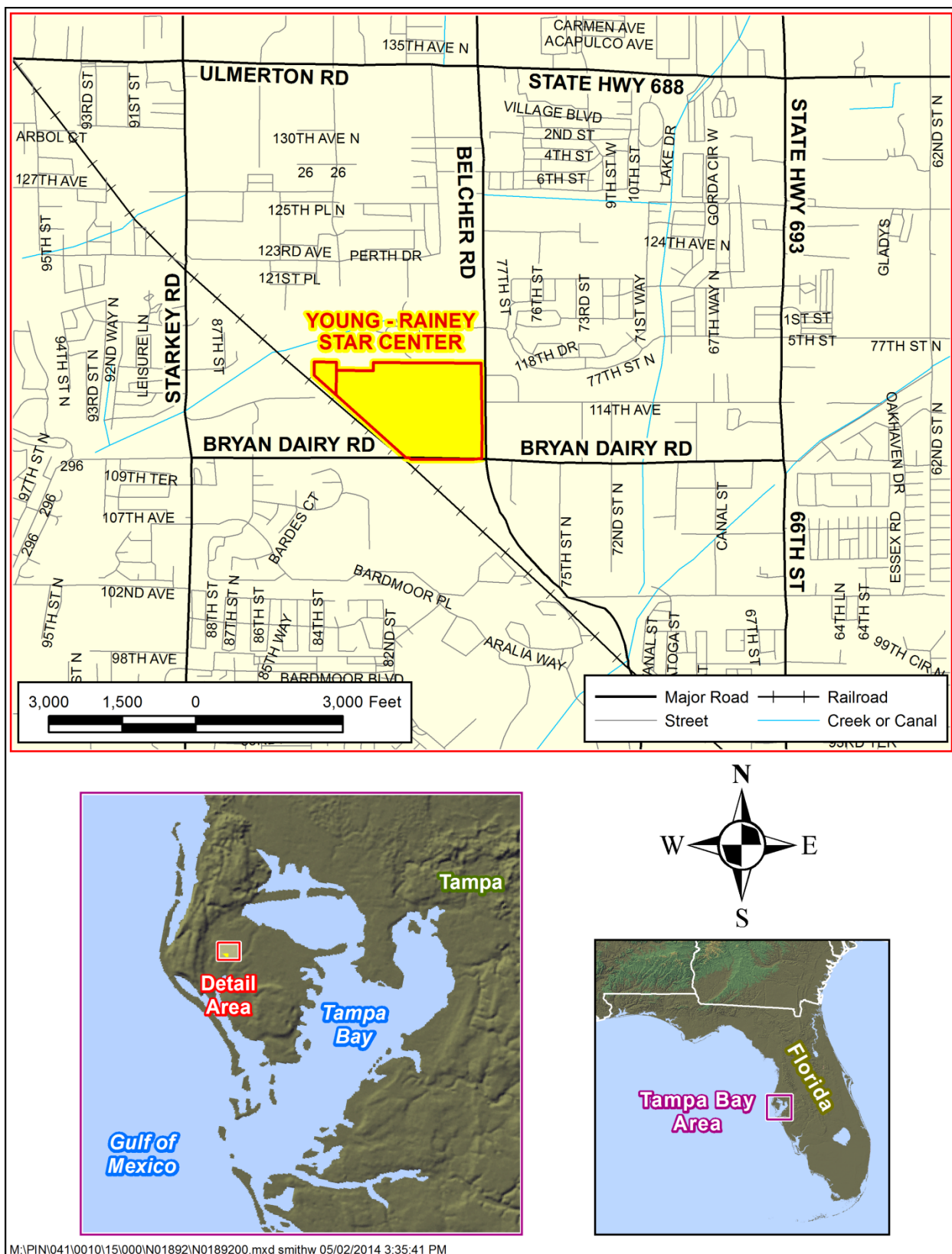


Figure 1. Young - Rainey STAR Center Location

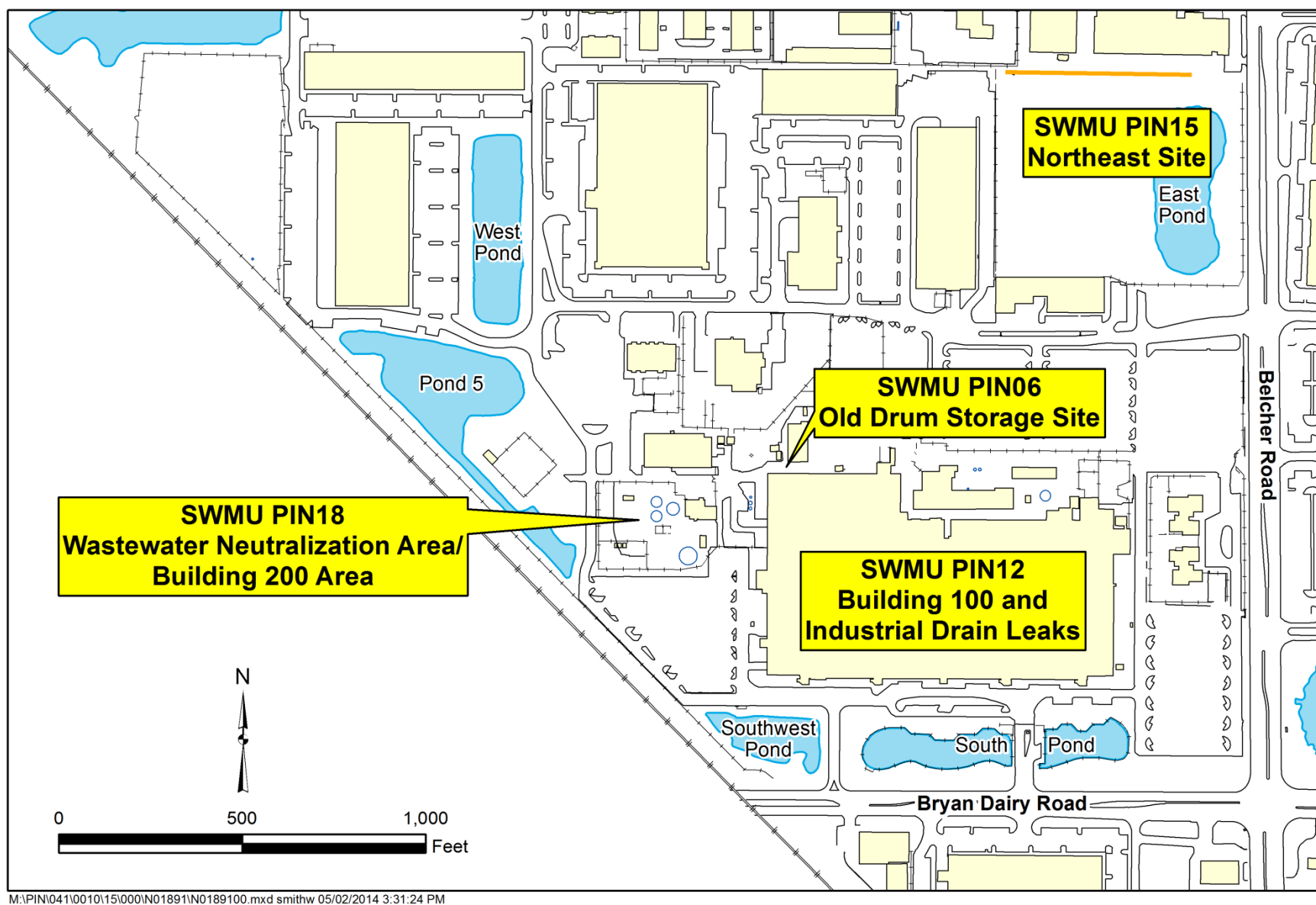
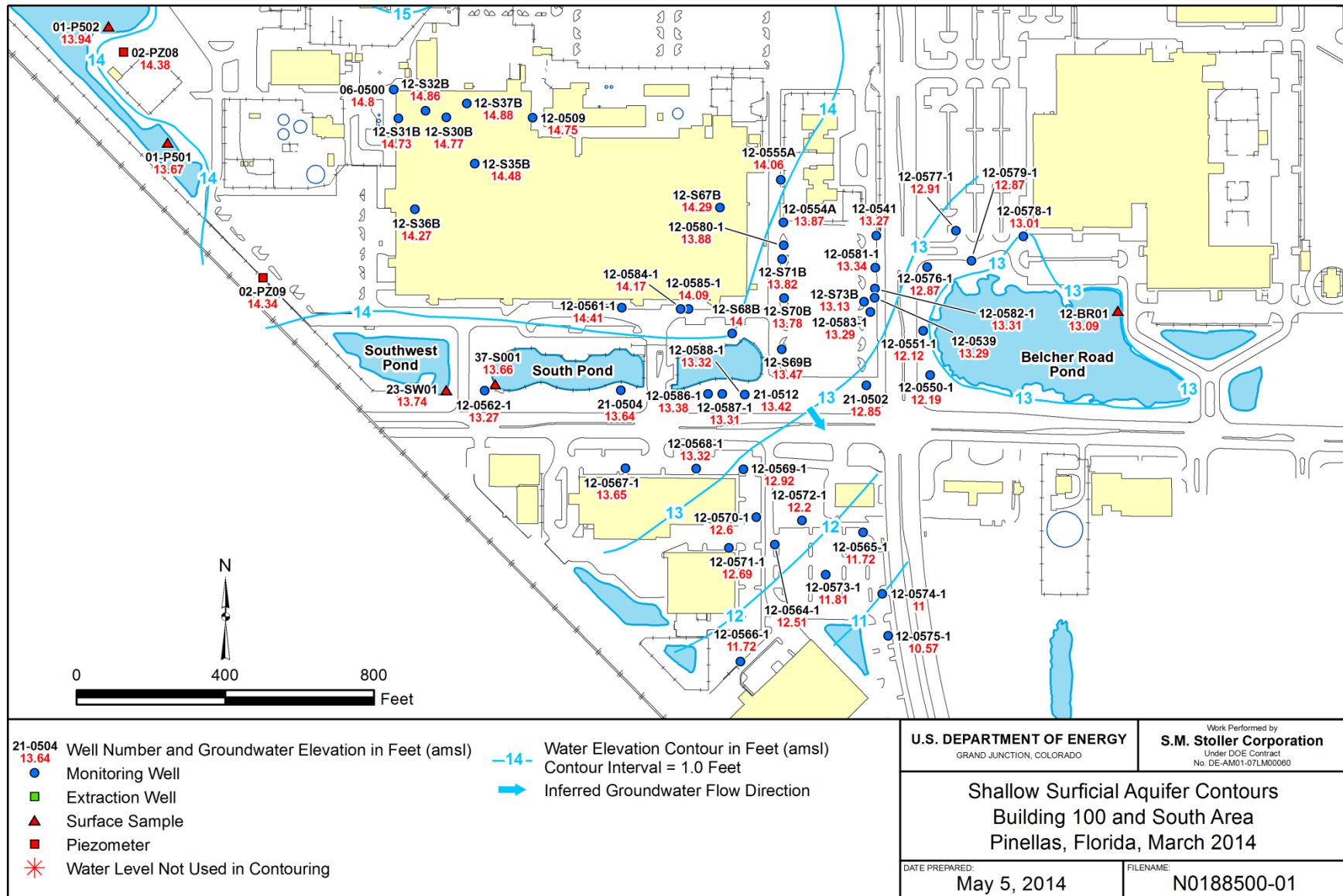
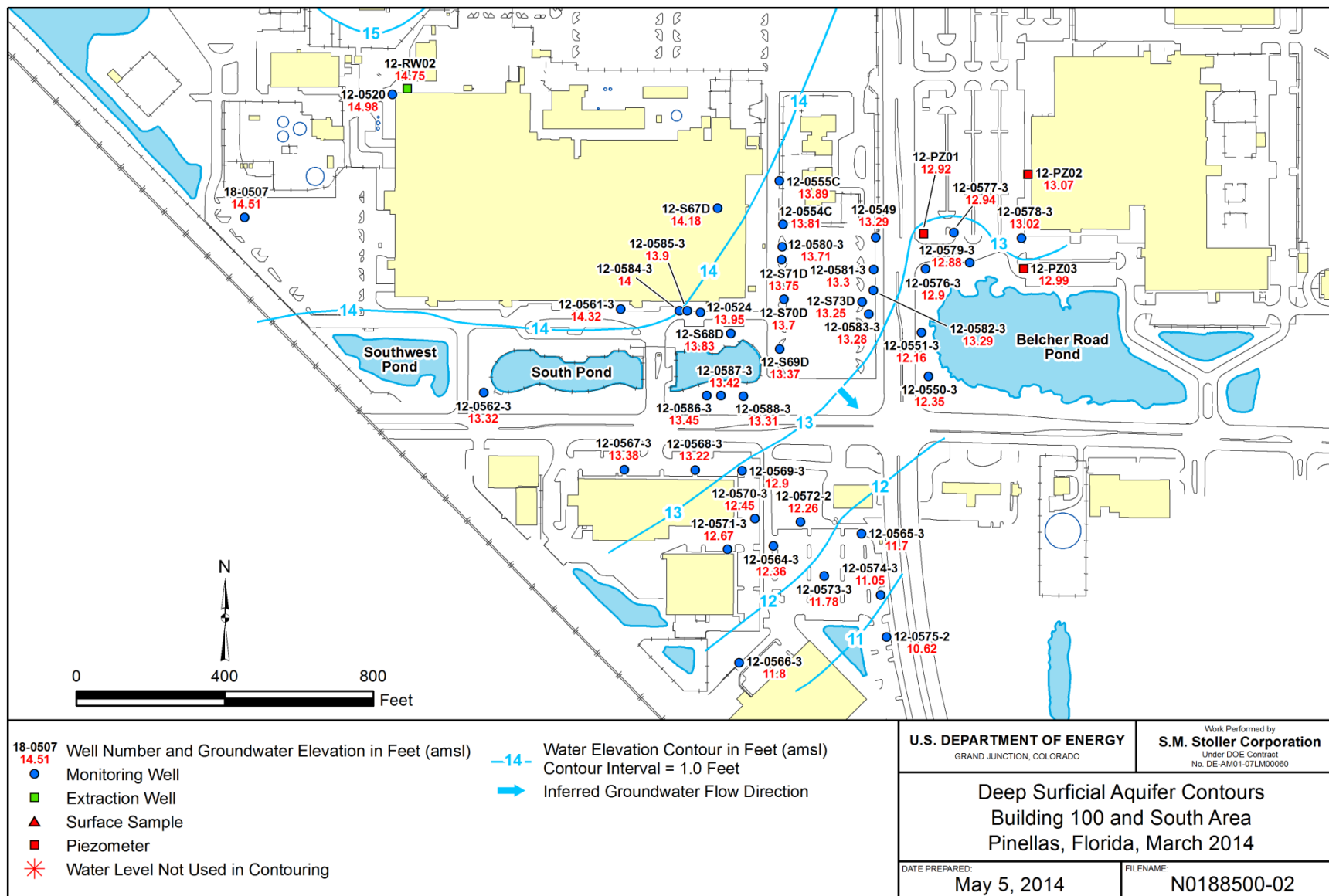


Figure 2. Location of STAR Center Solid-Waste Management Units (SWMUs)



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Figure 3. Building 100 Area Shallow Surficial Aquifer Flow, March 2014



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Figure 4. Building 100 Area Deep Surficial Aquifer Flow, March 2014

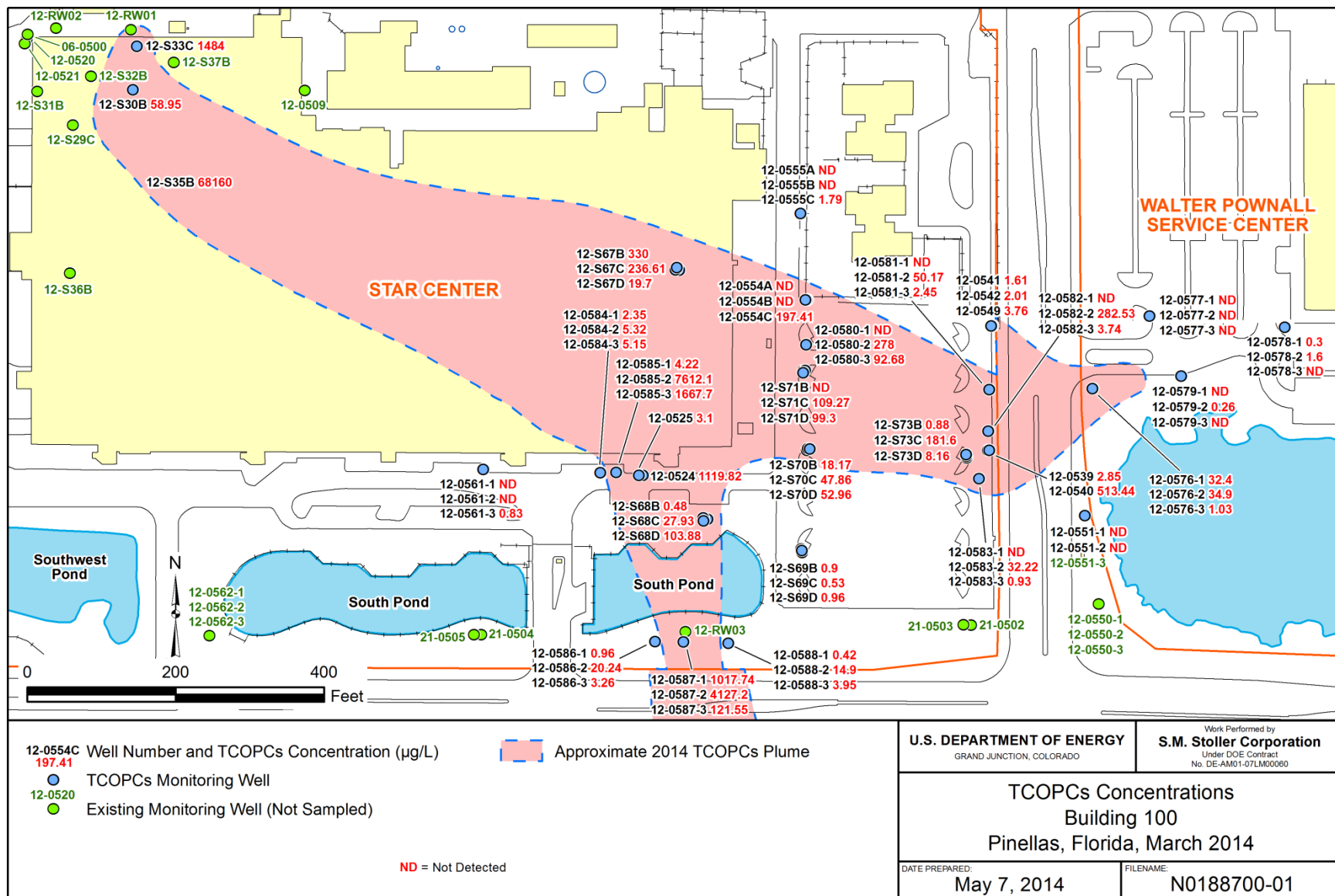
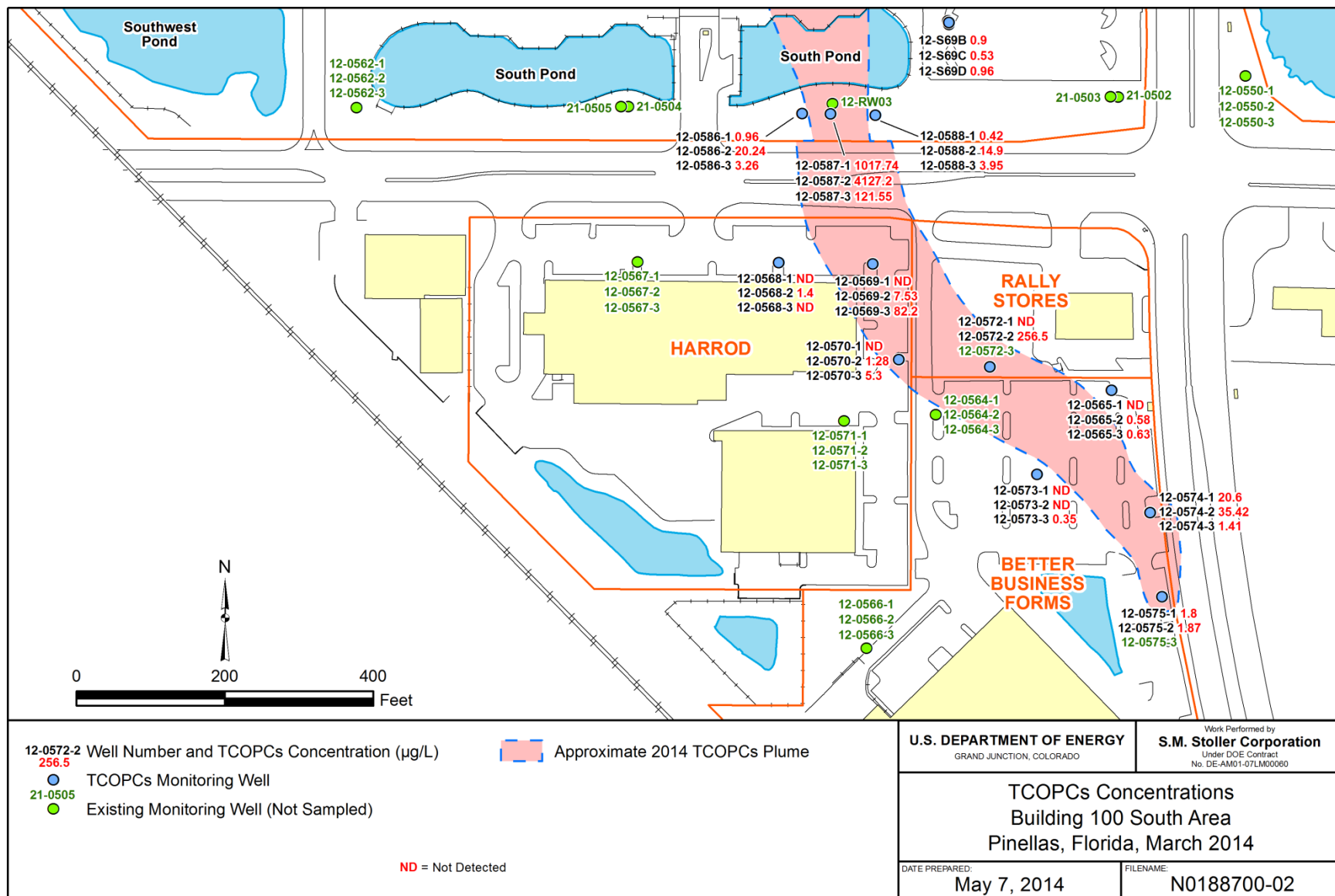
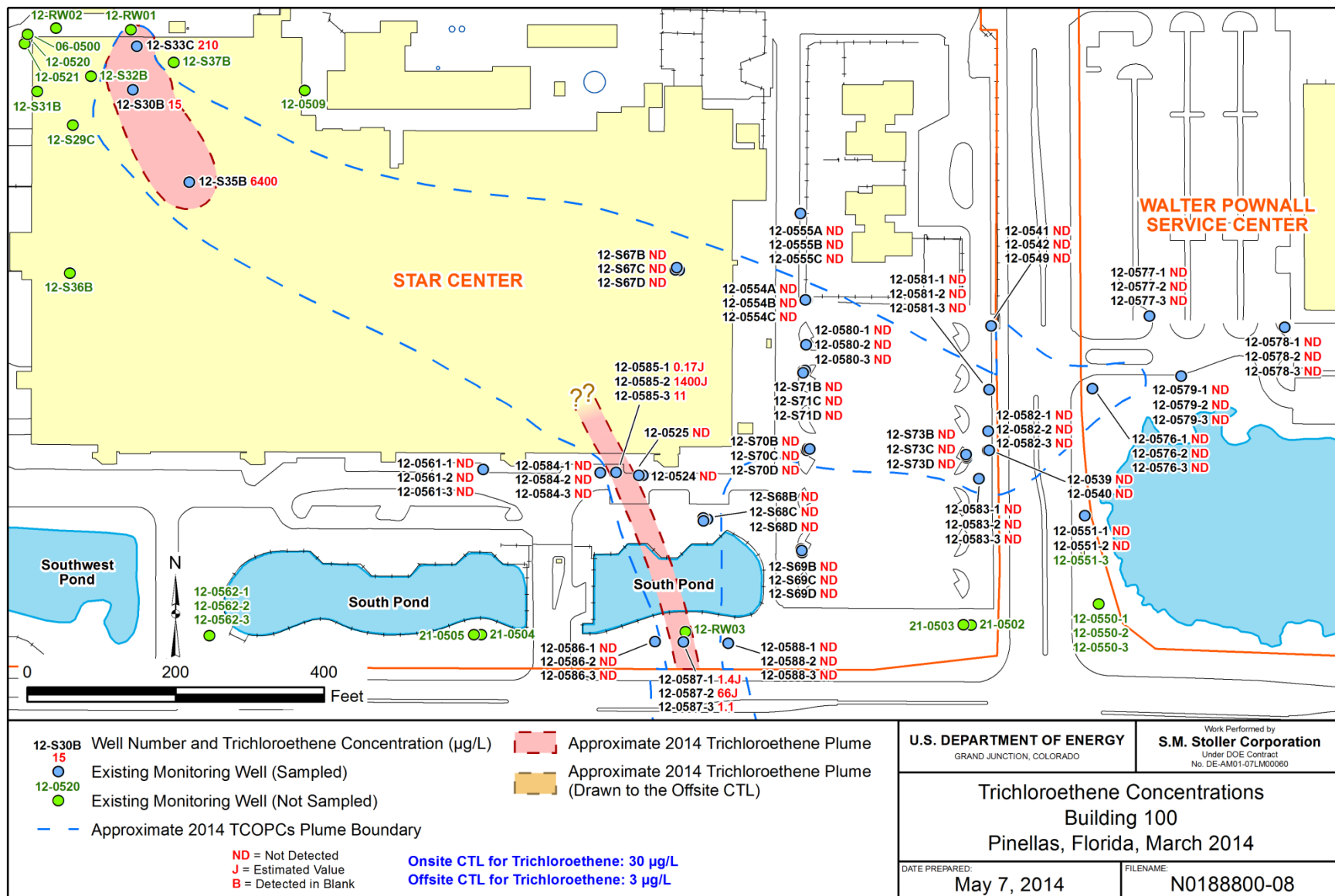


Figure 5. Building 100 Area TCOPCs Concentrations, March 2014



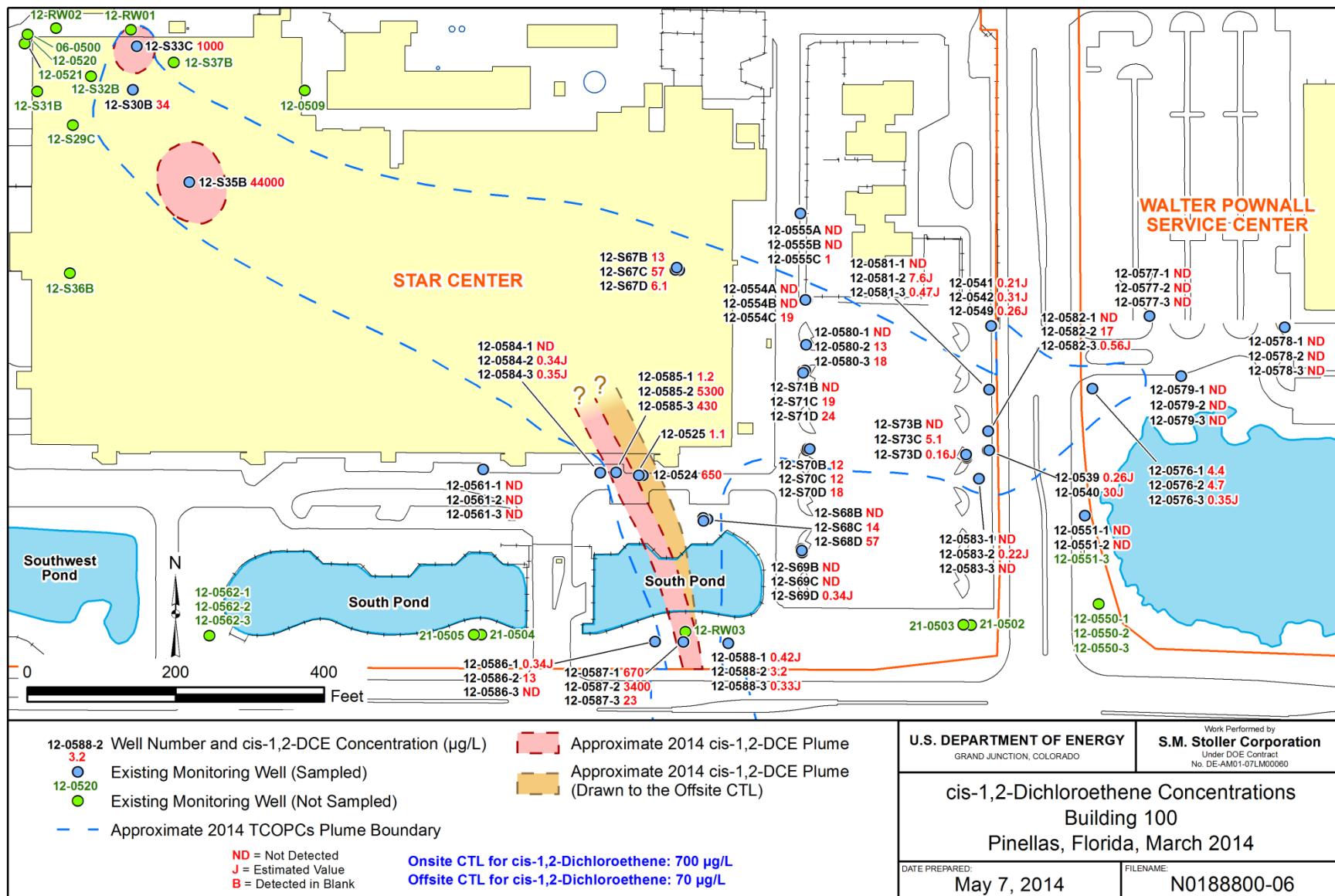
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Figure 6. Building 100 Area South TCOPCs Concentrations, March 2014



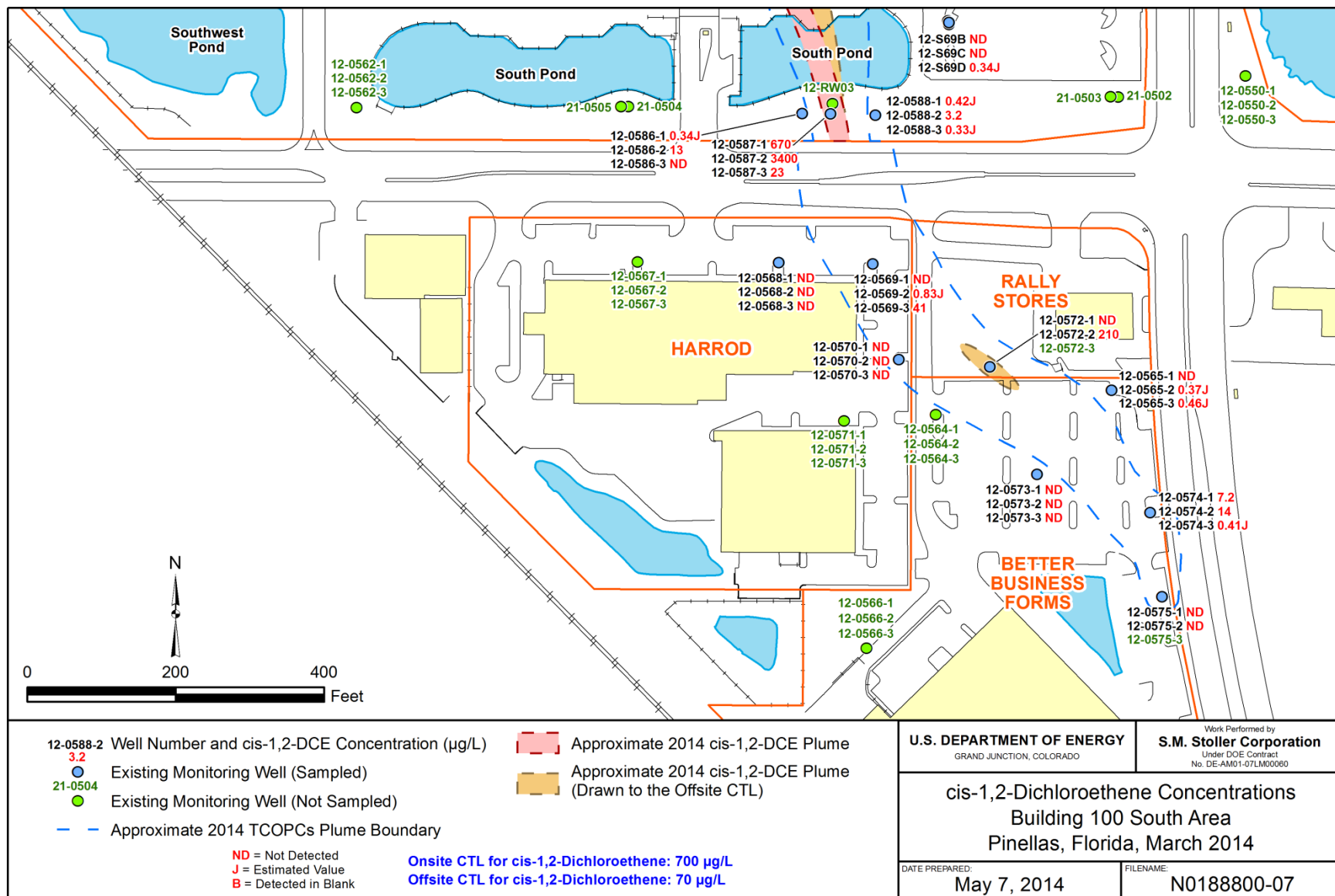
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Figure 7. Building 100 Area TCE Concentrations, March 2014



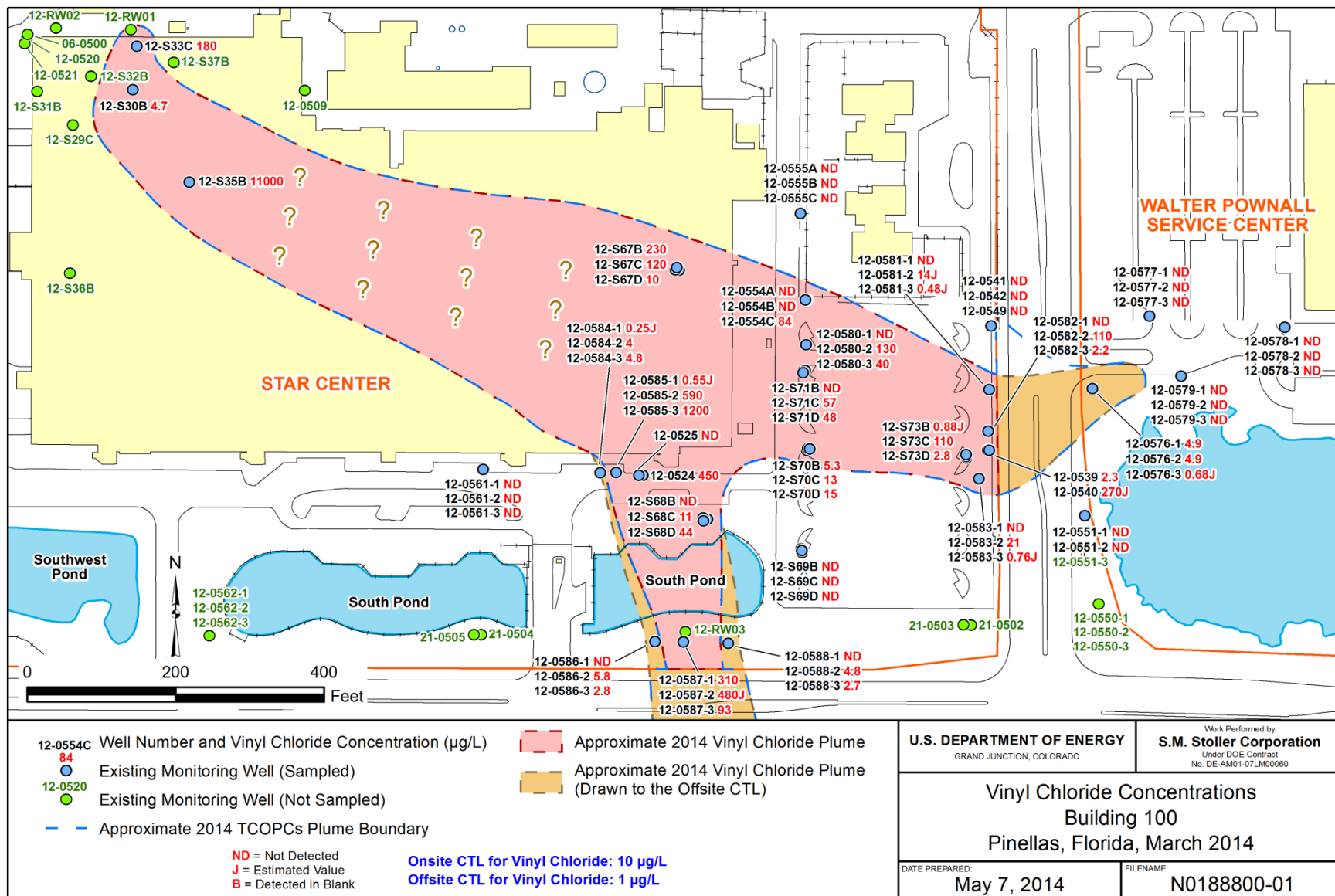
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Figure 8. Building 100 Area cDCE Concentrations, March 2014



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Figure 9. Building 100 Area South cDCE Concentrations, March 2014



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Figure 10. Building 100 Area VC Concentrations, March 2014

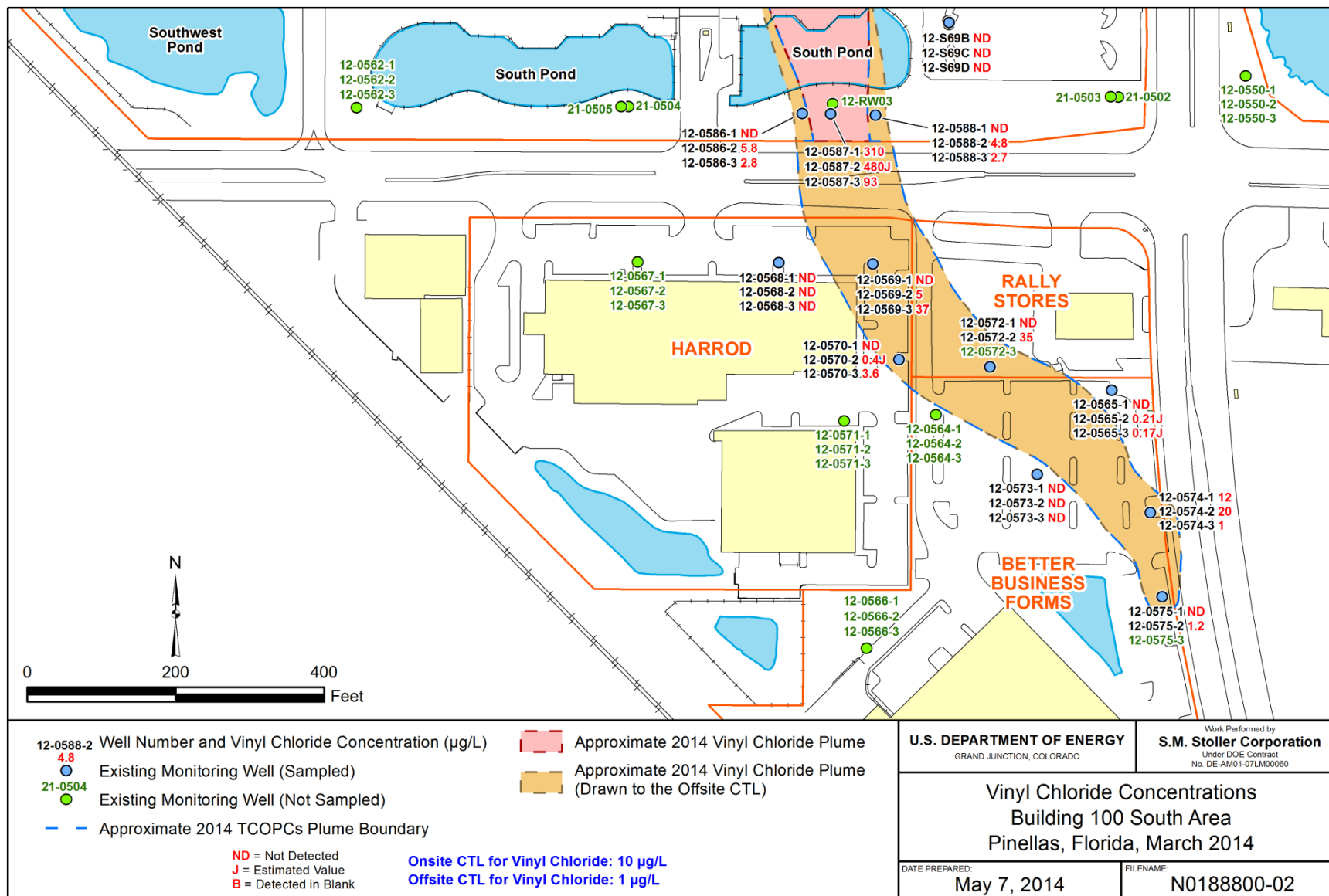
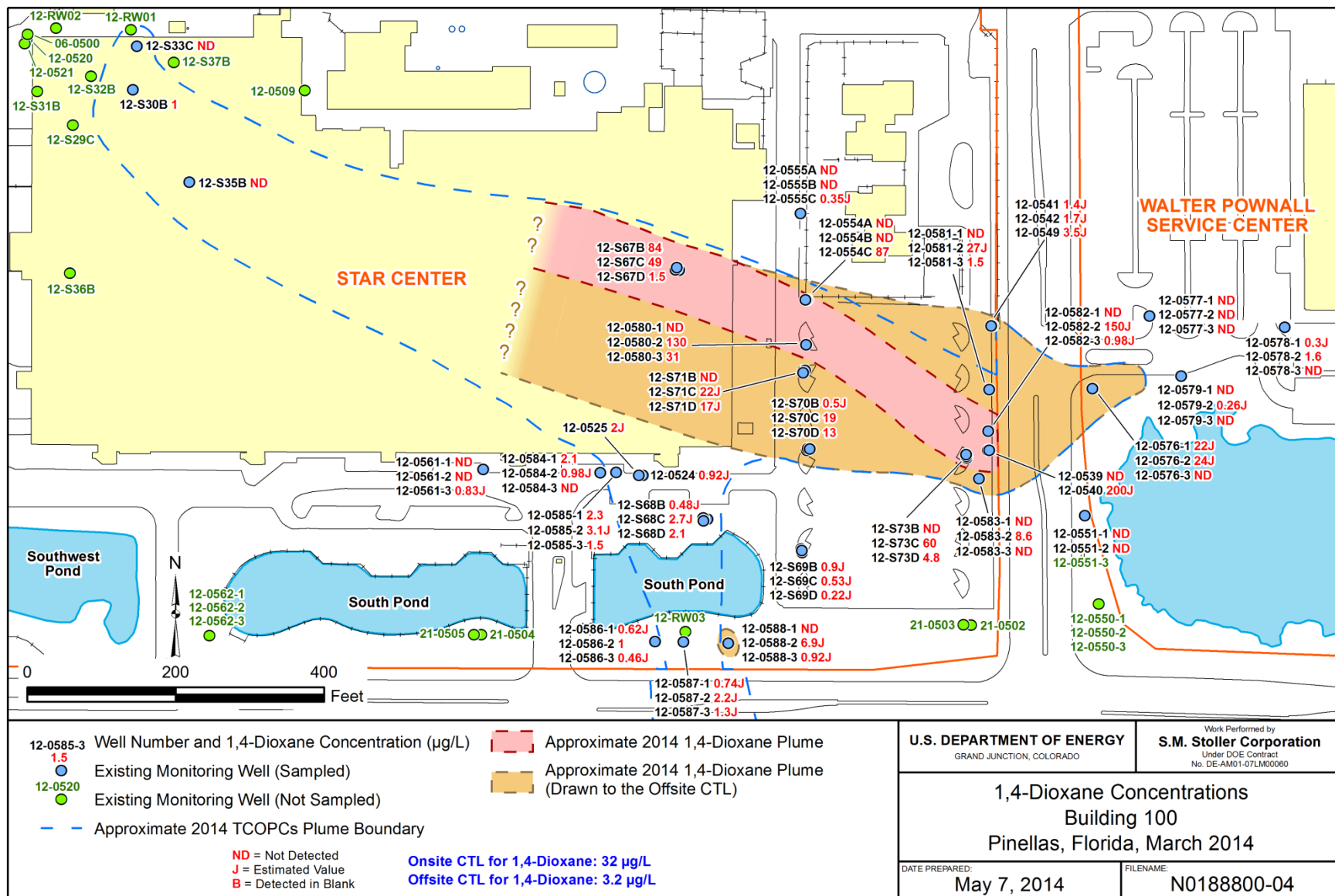


Figure 11. Building 100 Area South VC Concentrations, March 2014



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Figure 12. Building 100 Area 1,4-dioxane Concentrations, March 2014

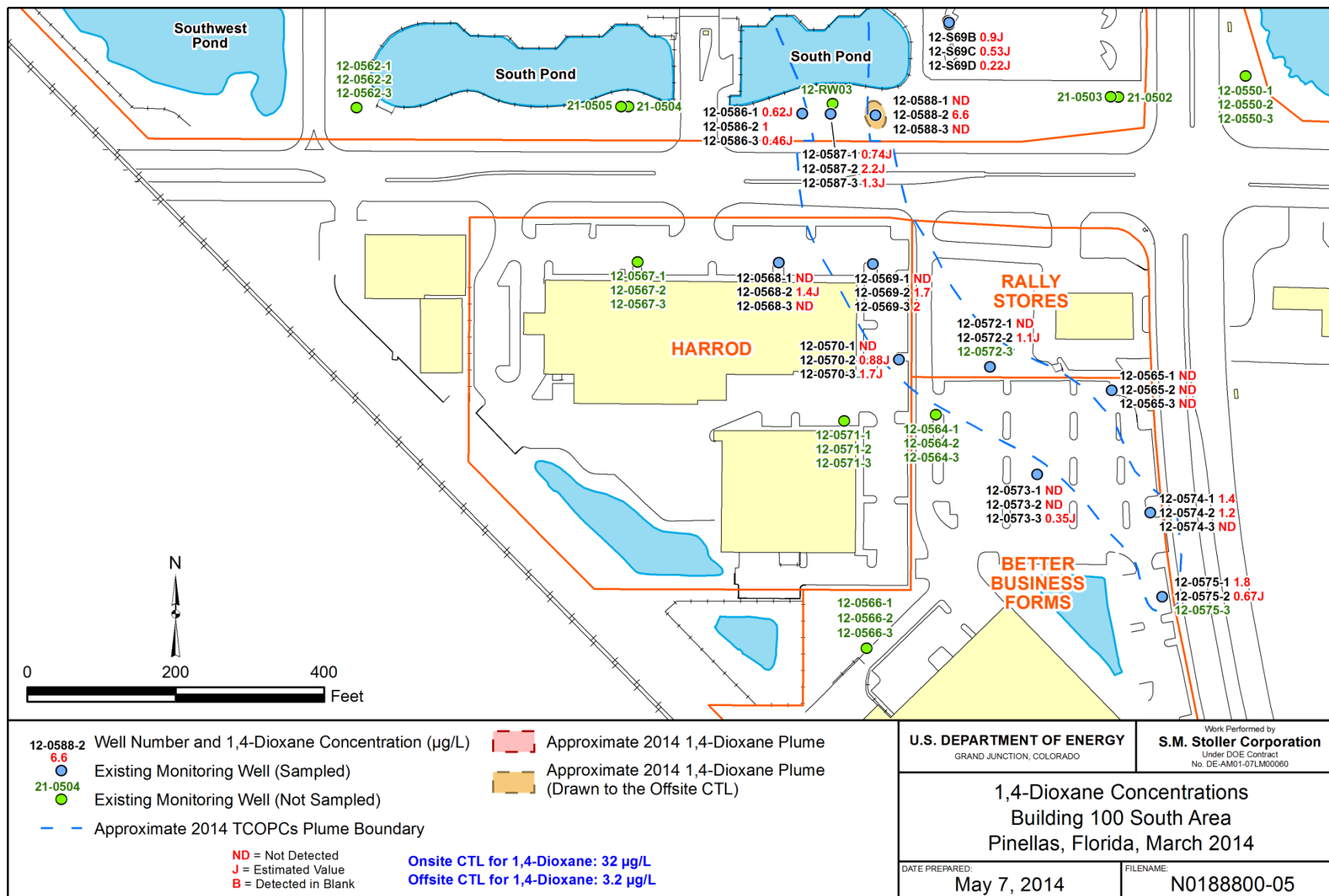
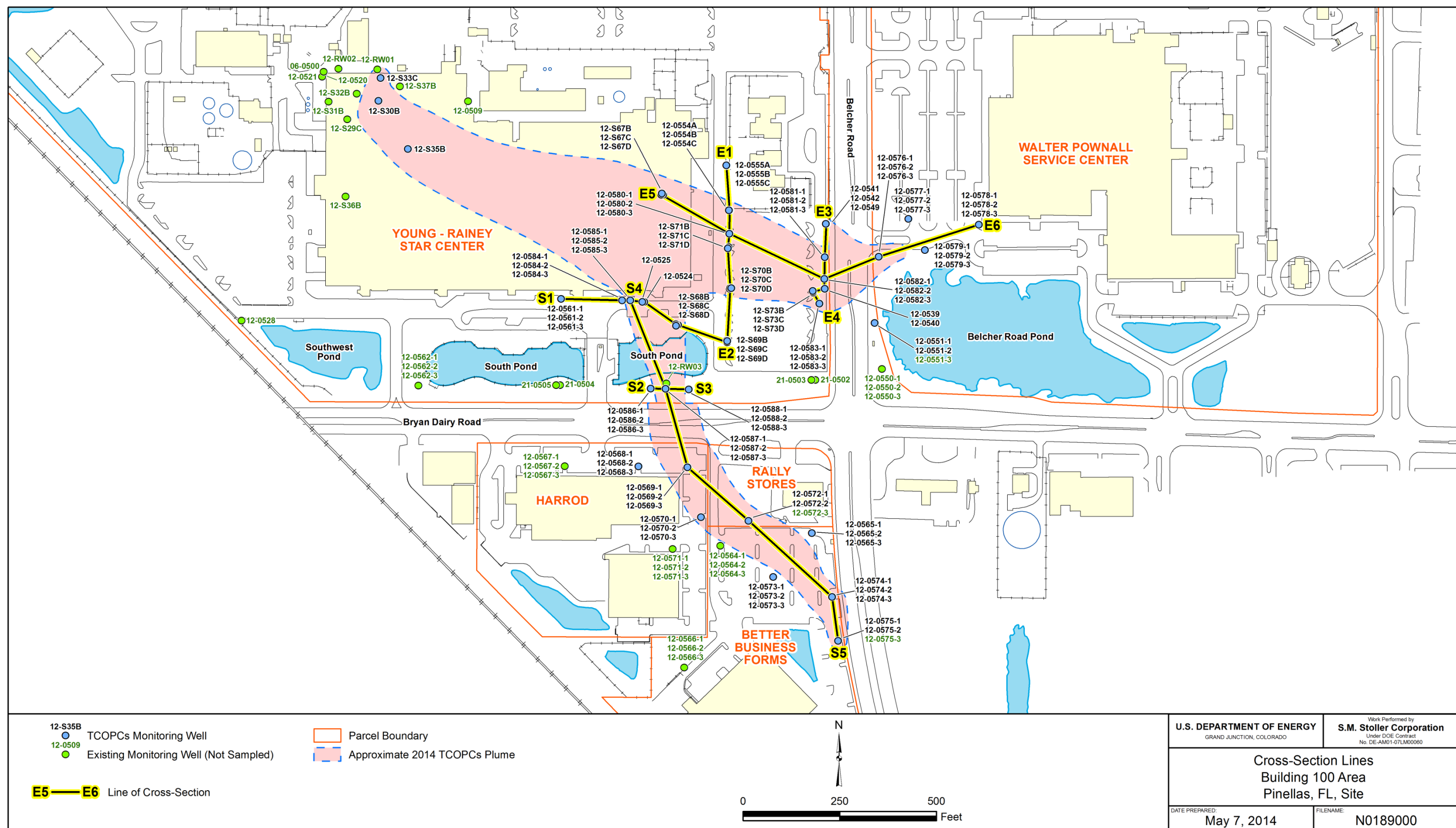


Figure 13. Building 100 Area South 1,4-dioxane Concentrations, March 2014



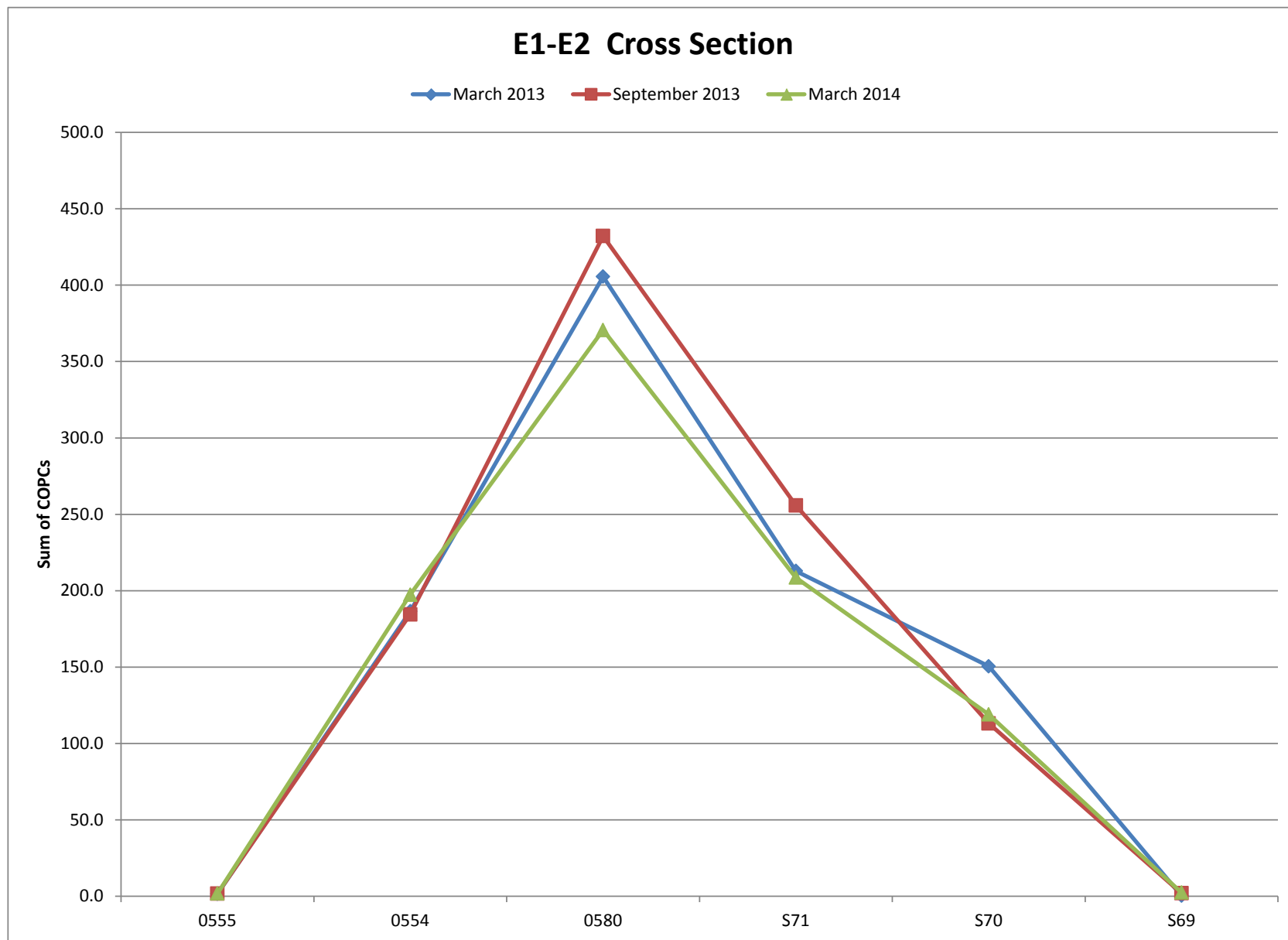


Figure 15. E1-E2 Cross Section

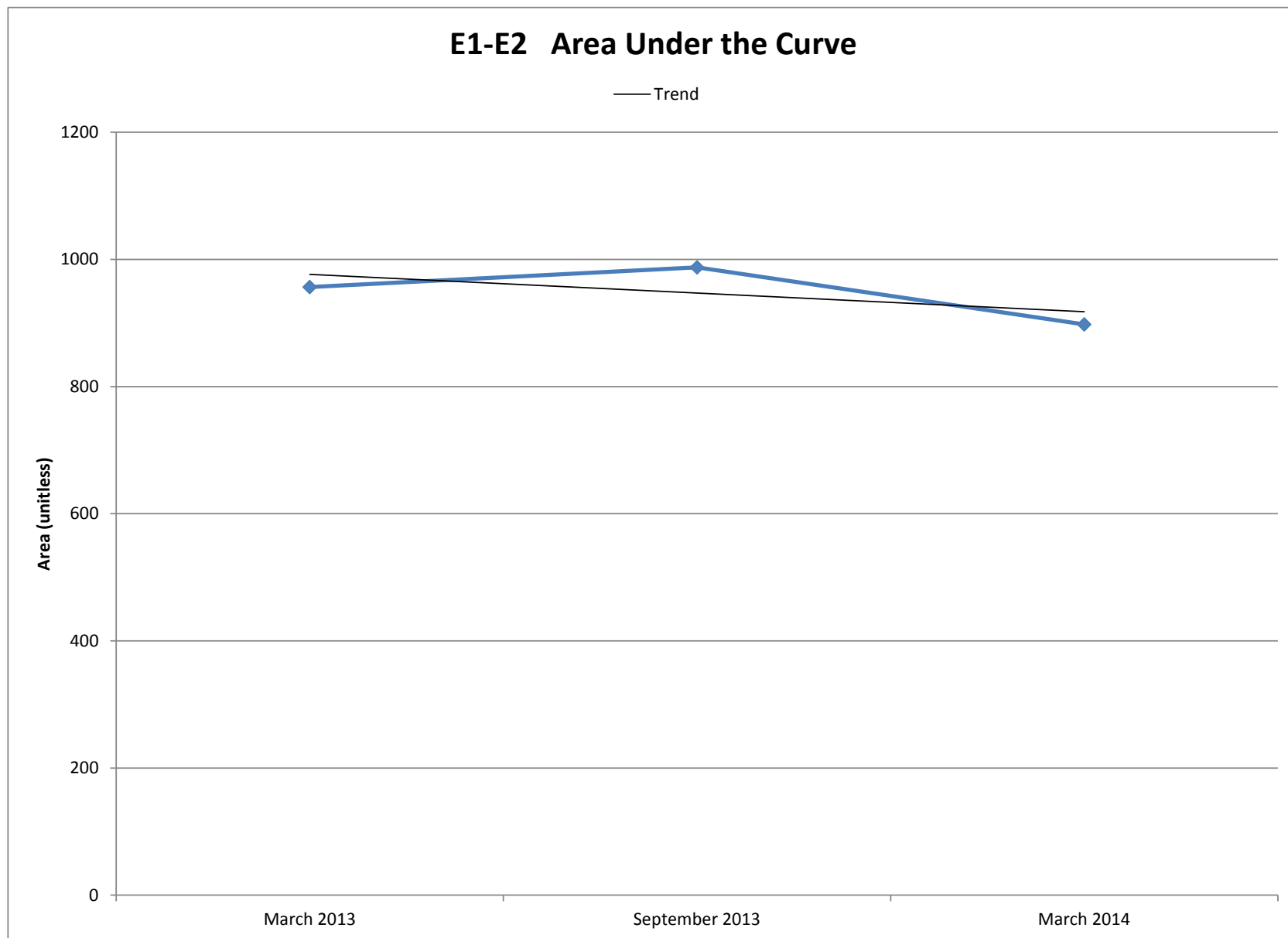


Figure 16. E1-E2 Area Under the Curve

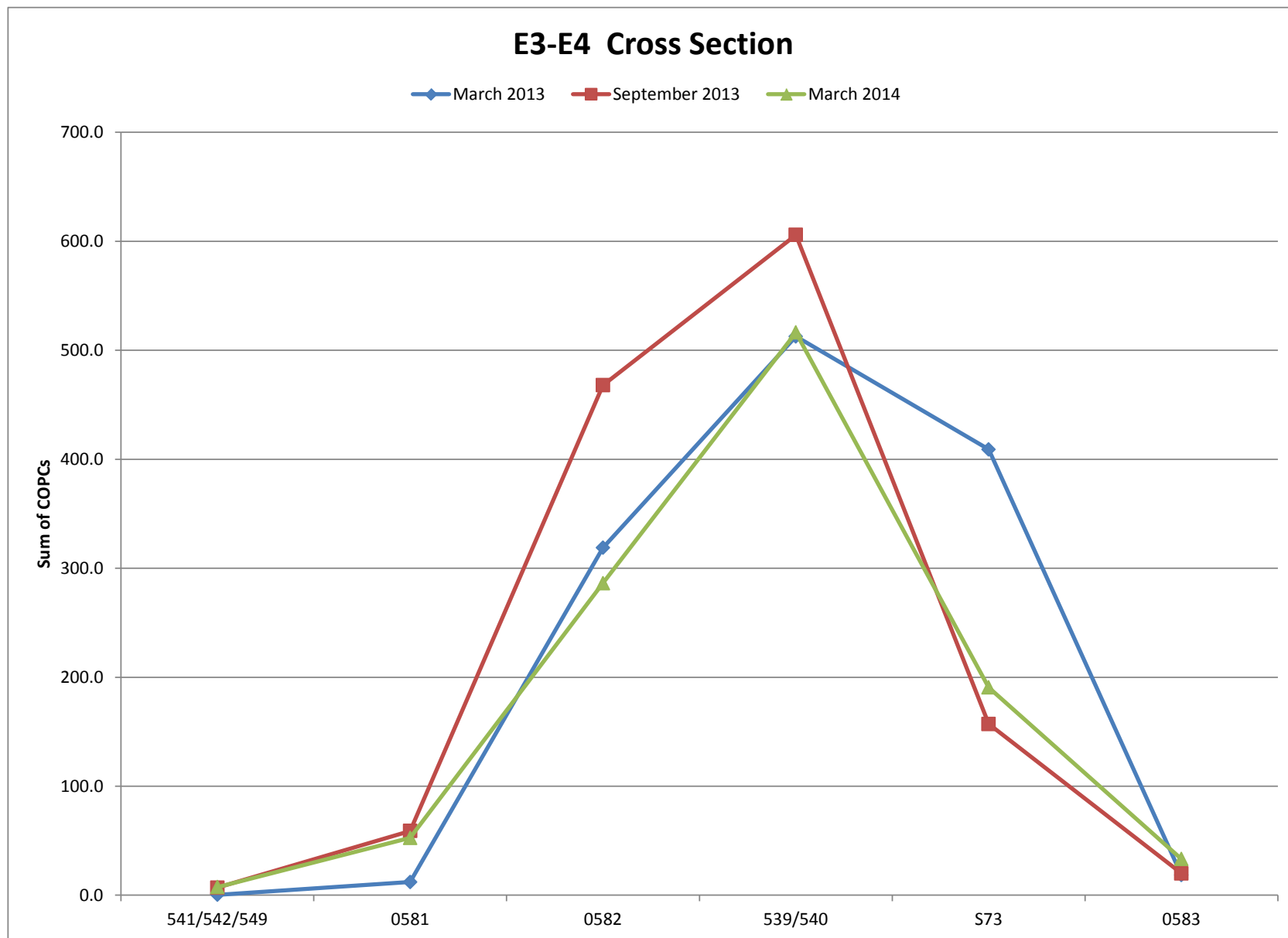


Figure 17. E3-E4 Cross Section

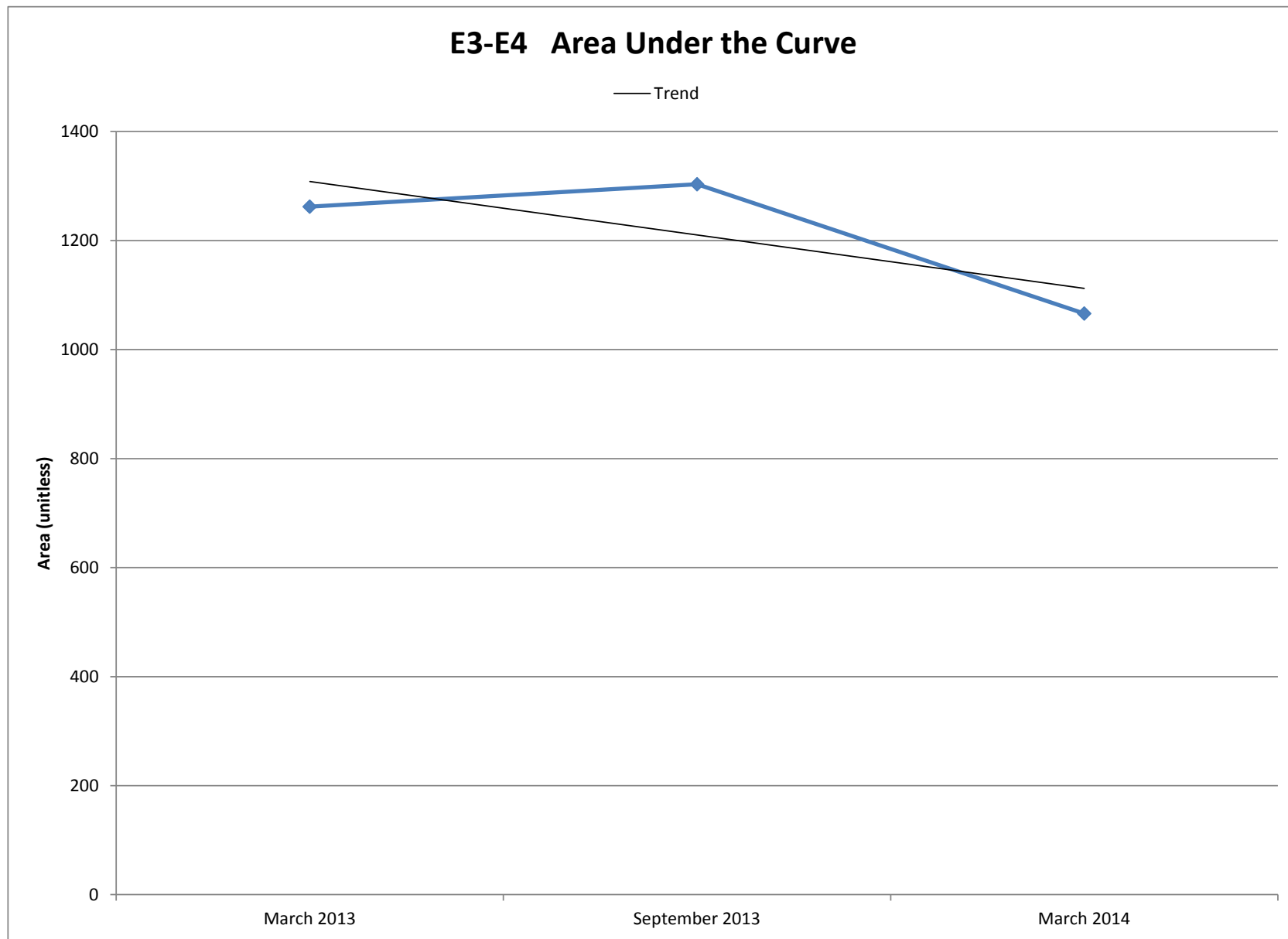


Figure 18. E3-E4 Area Under the Curve

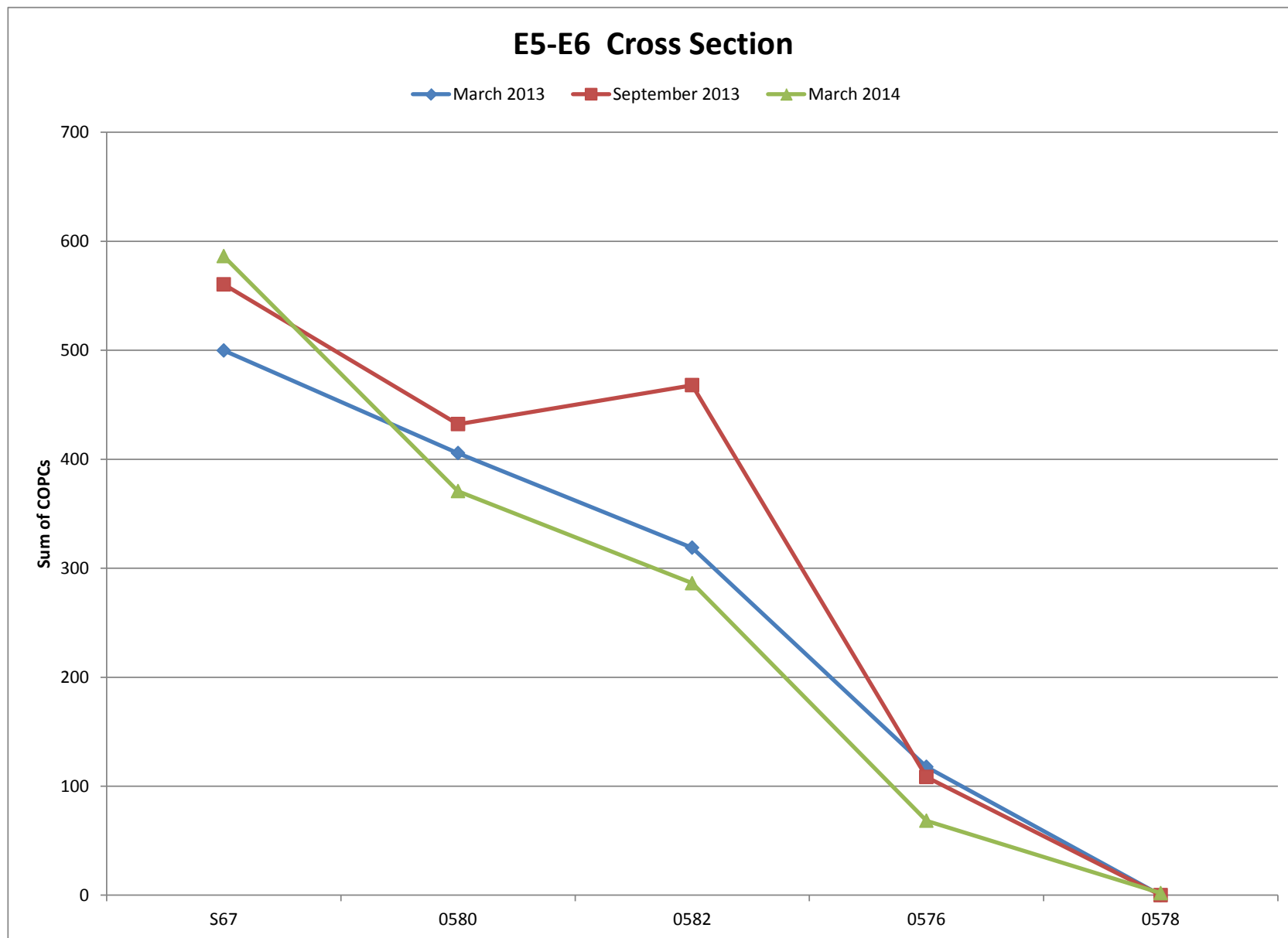


Figure 19. E5-E6 Cross Section

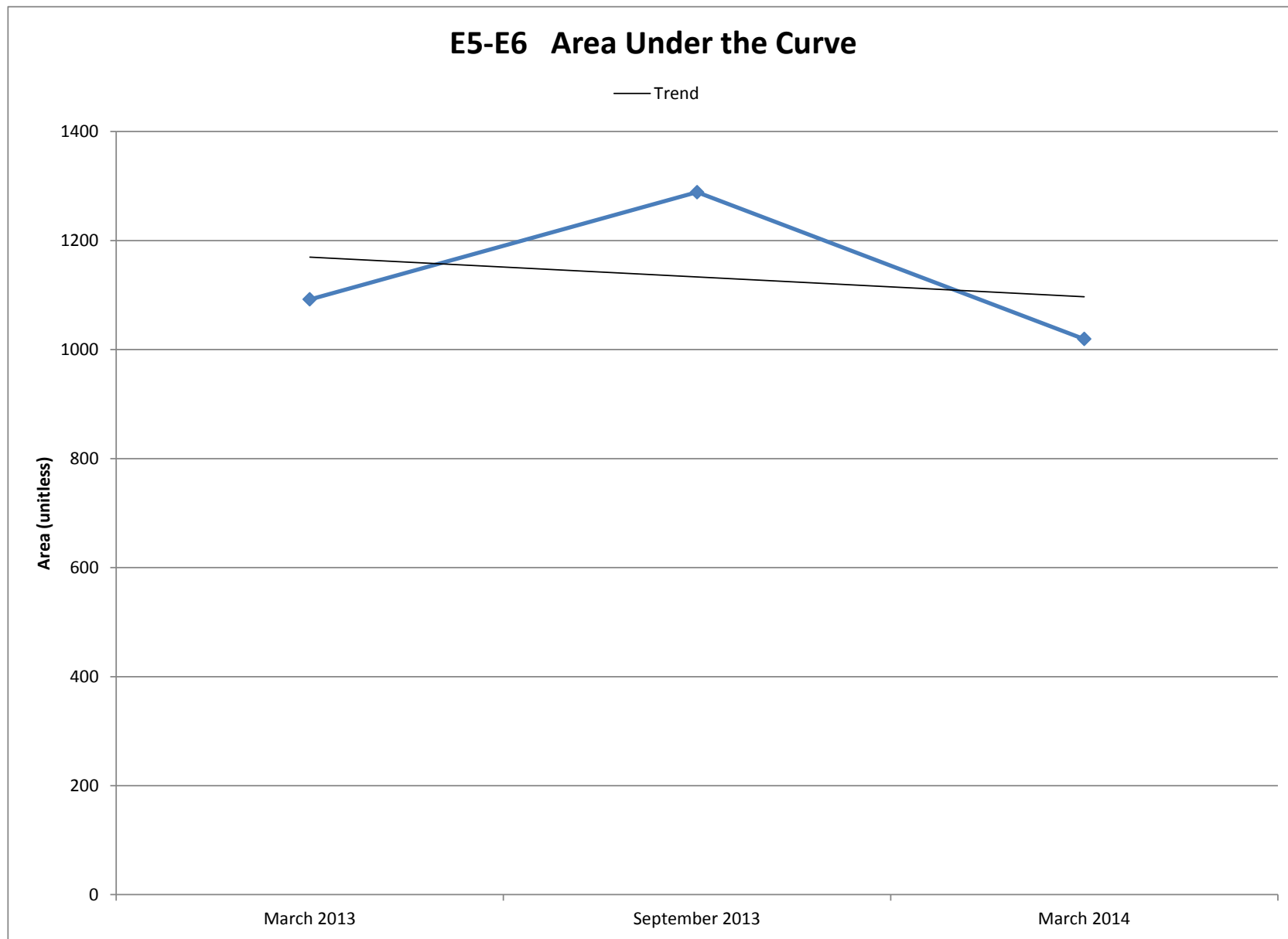


Figure 20. E5-E6 Area Under the Curve

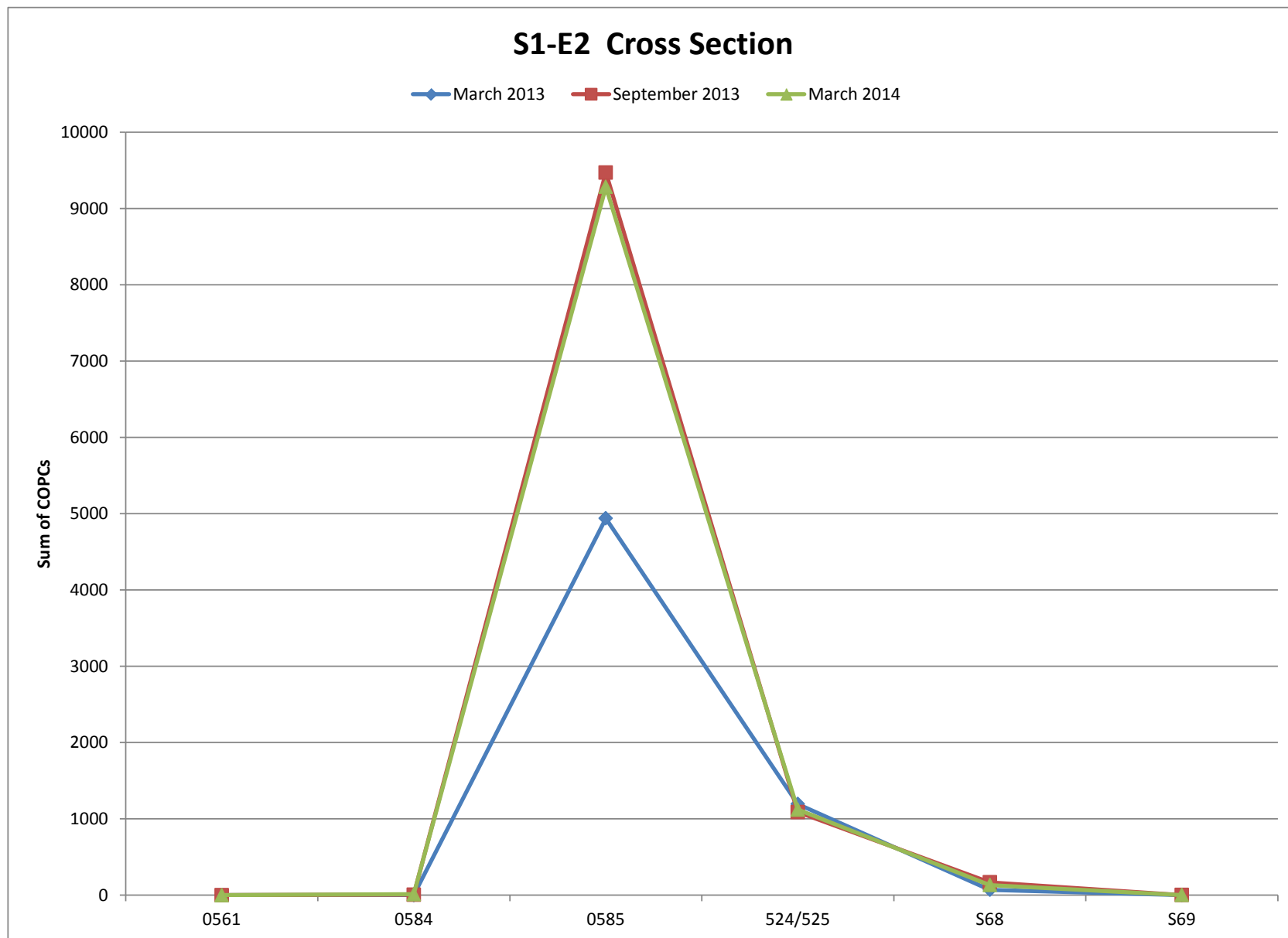


Figure 21. S1-E2 Cross Section

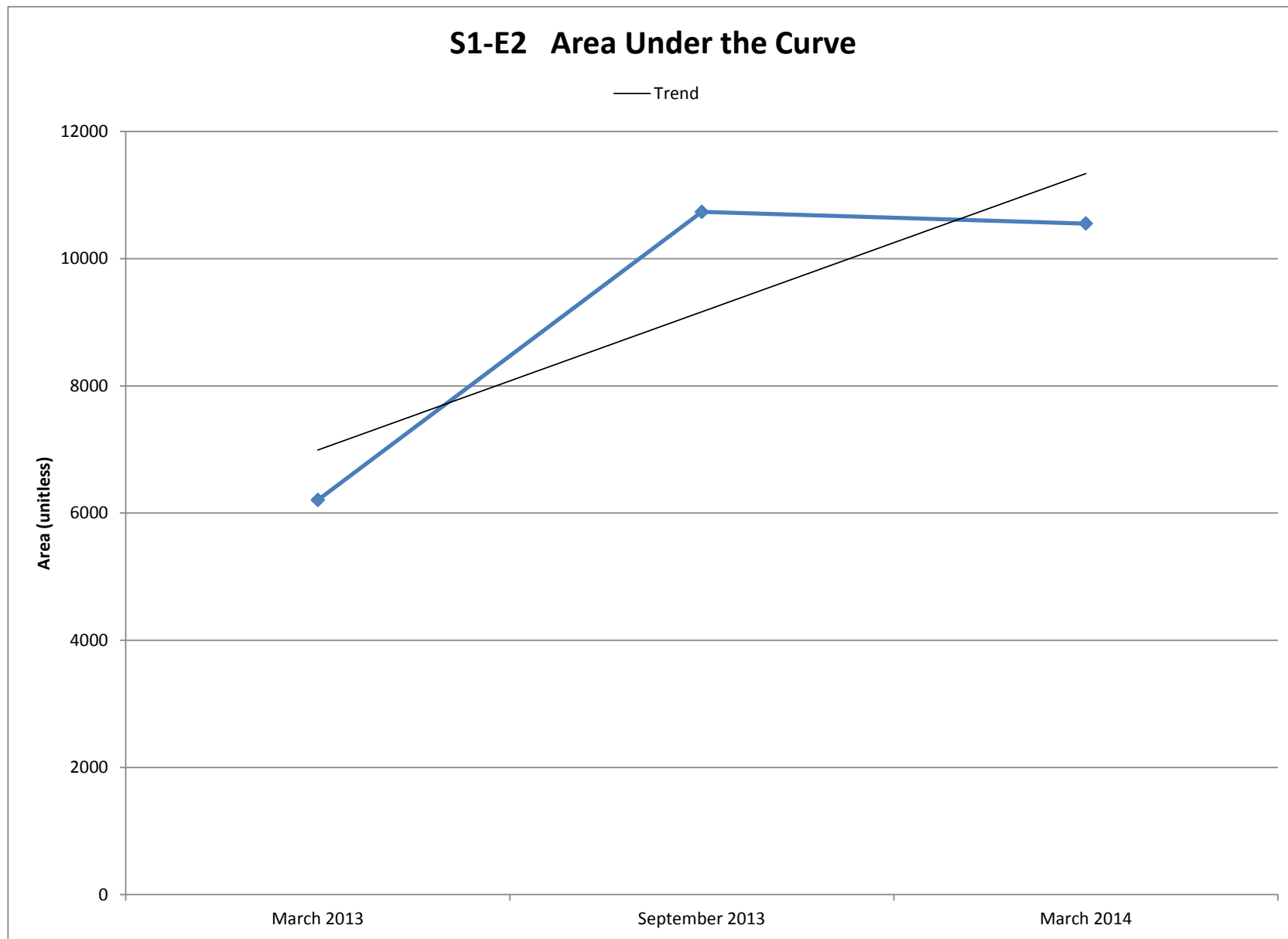


Figure 22. S1-E2 Area Under the Curve

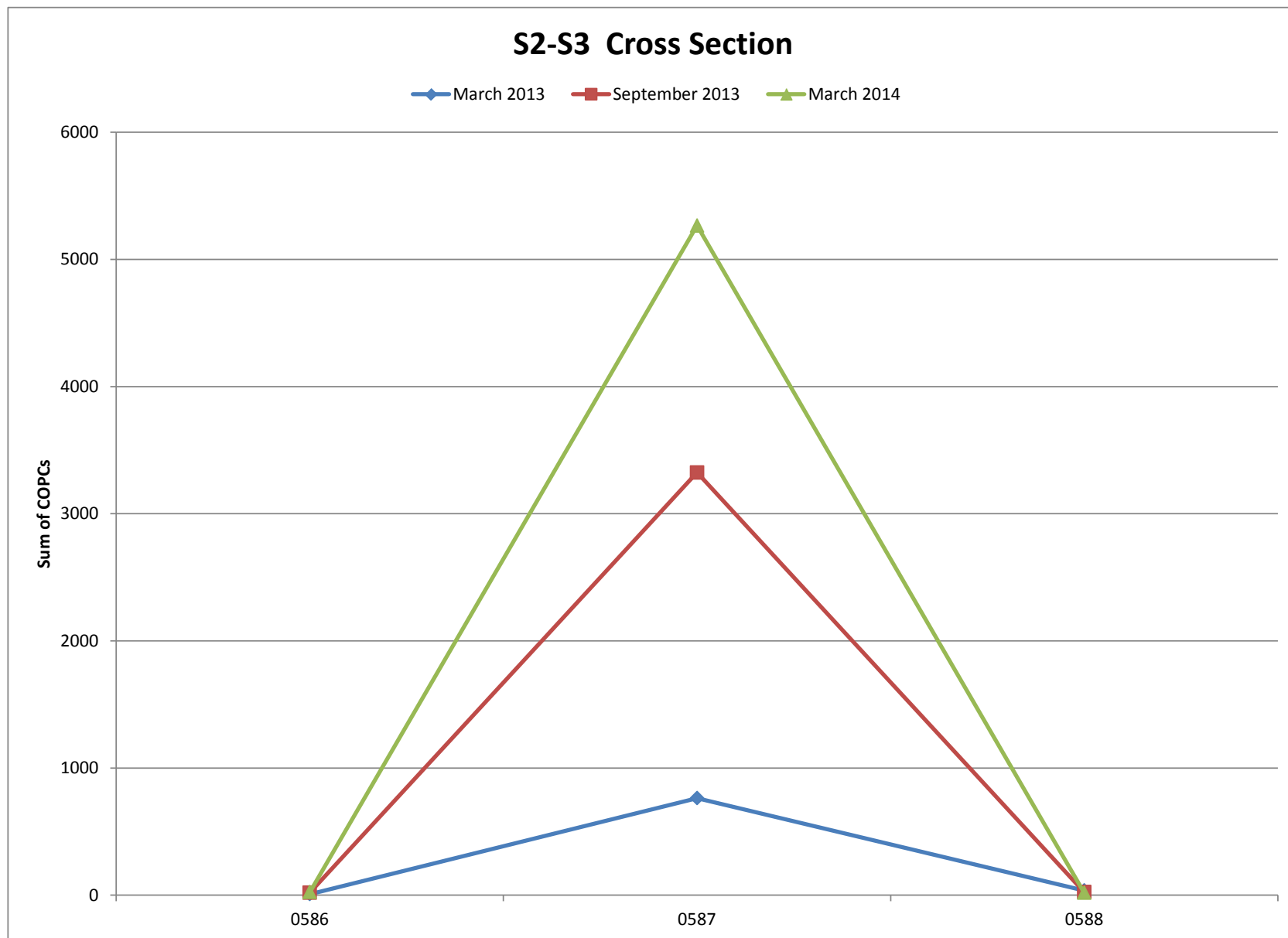


Figure 23. S2-S3 Cross Section

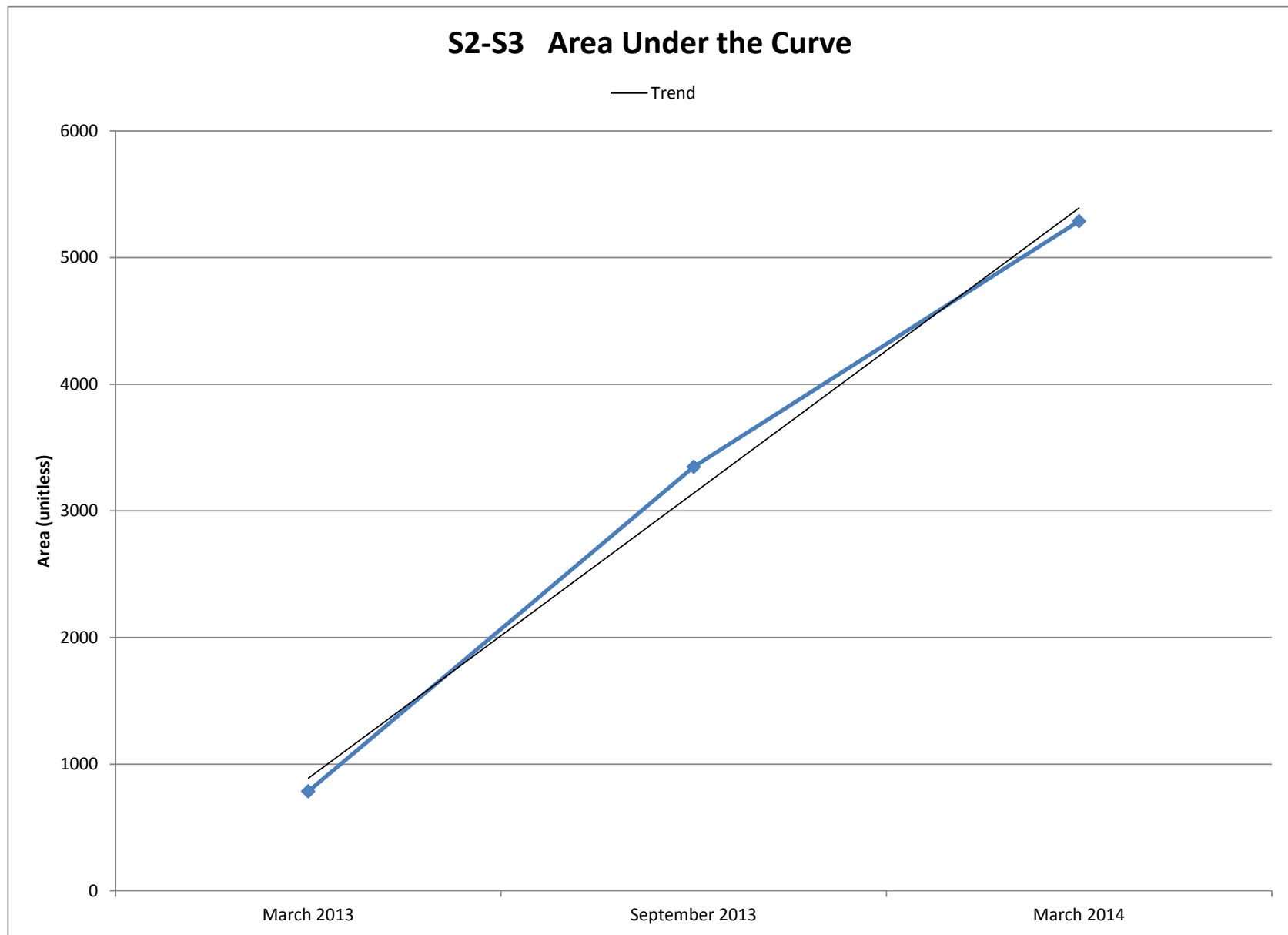


Figure 24. S2-S3 Area Under the Curve

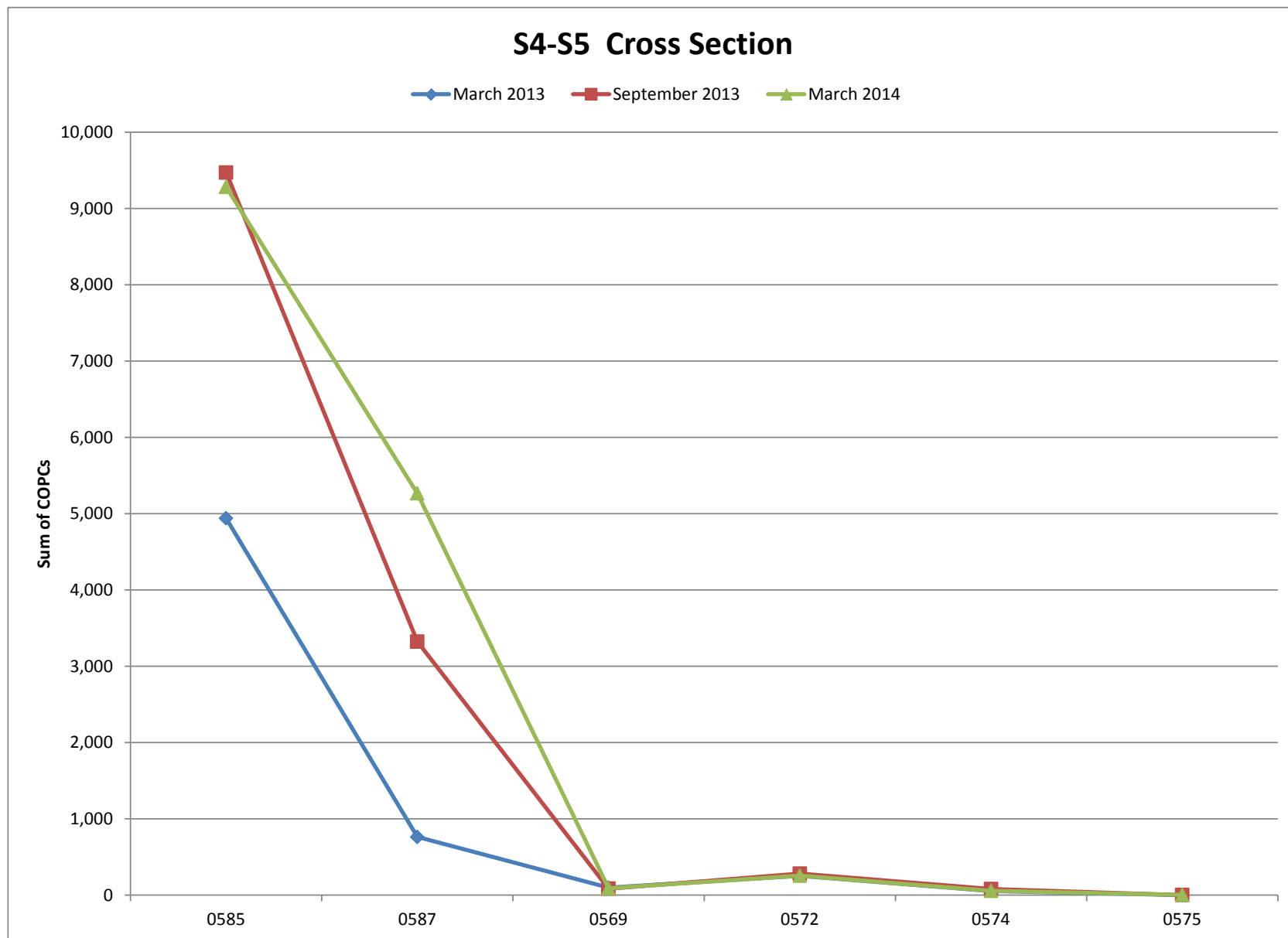


Figure 25. S4-S5 Cross Section

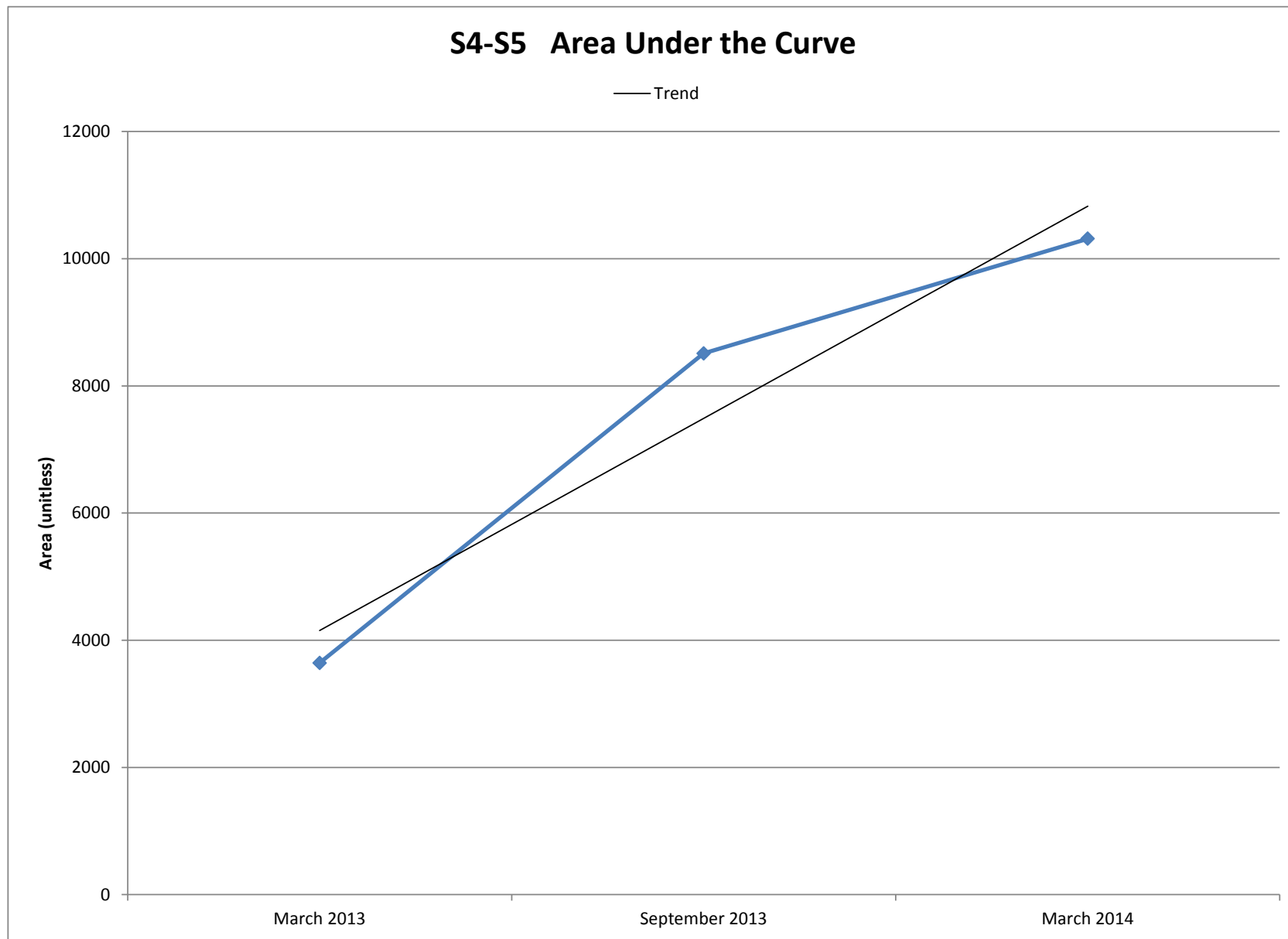


Figure 26. S4-S5 Area Under the Curve

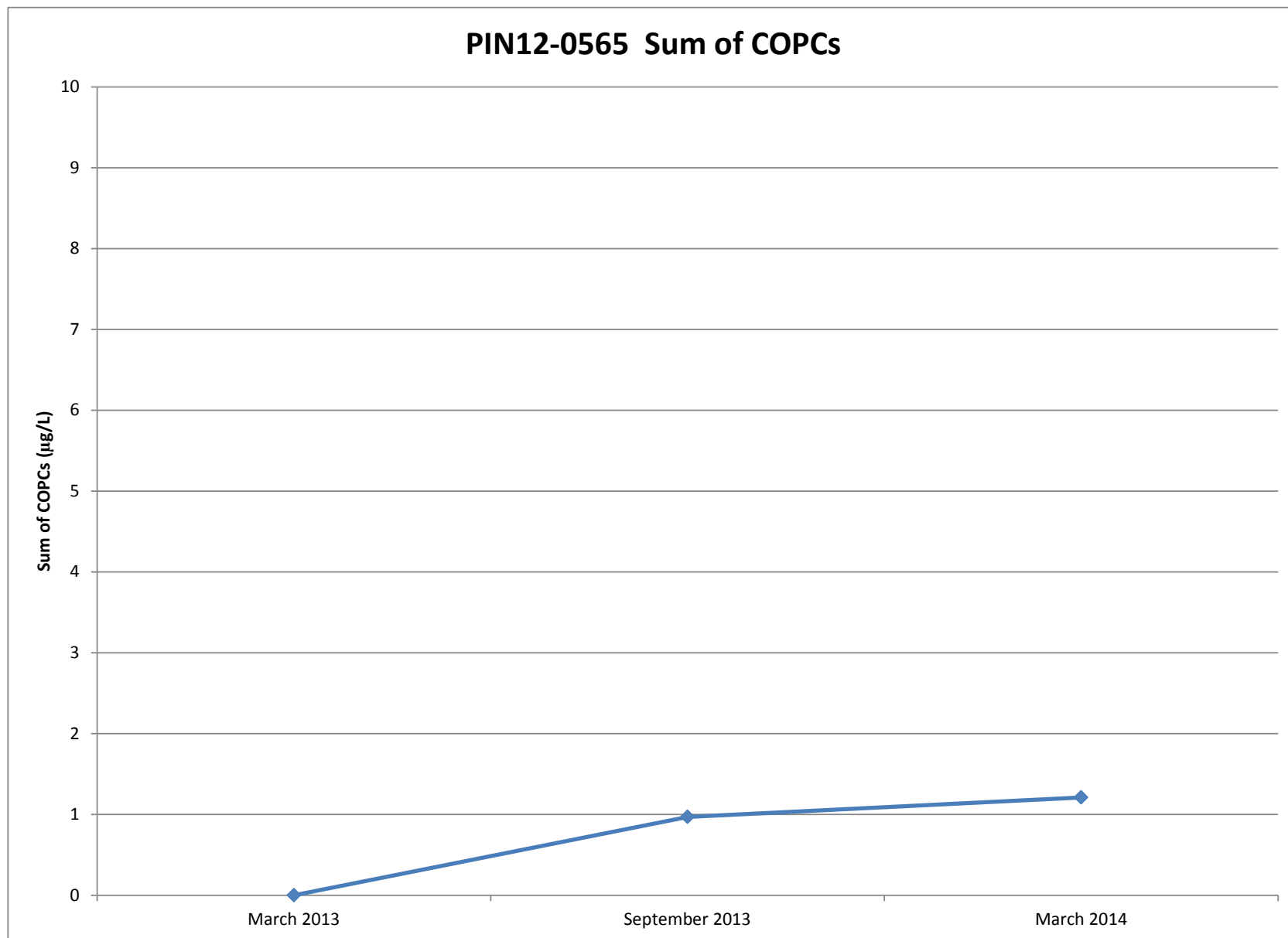


Figure 27. Sum of COPCs for Monitoring Well PIN12-0565

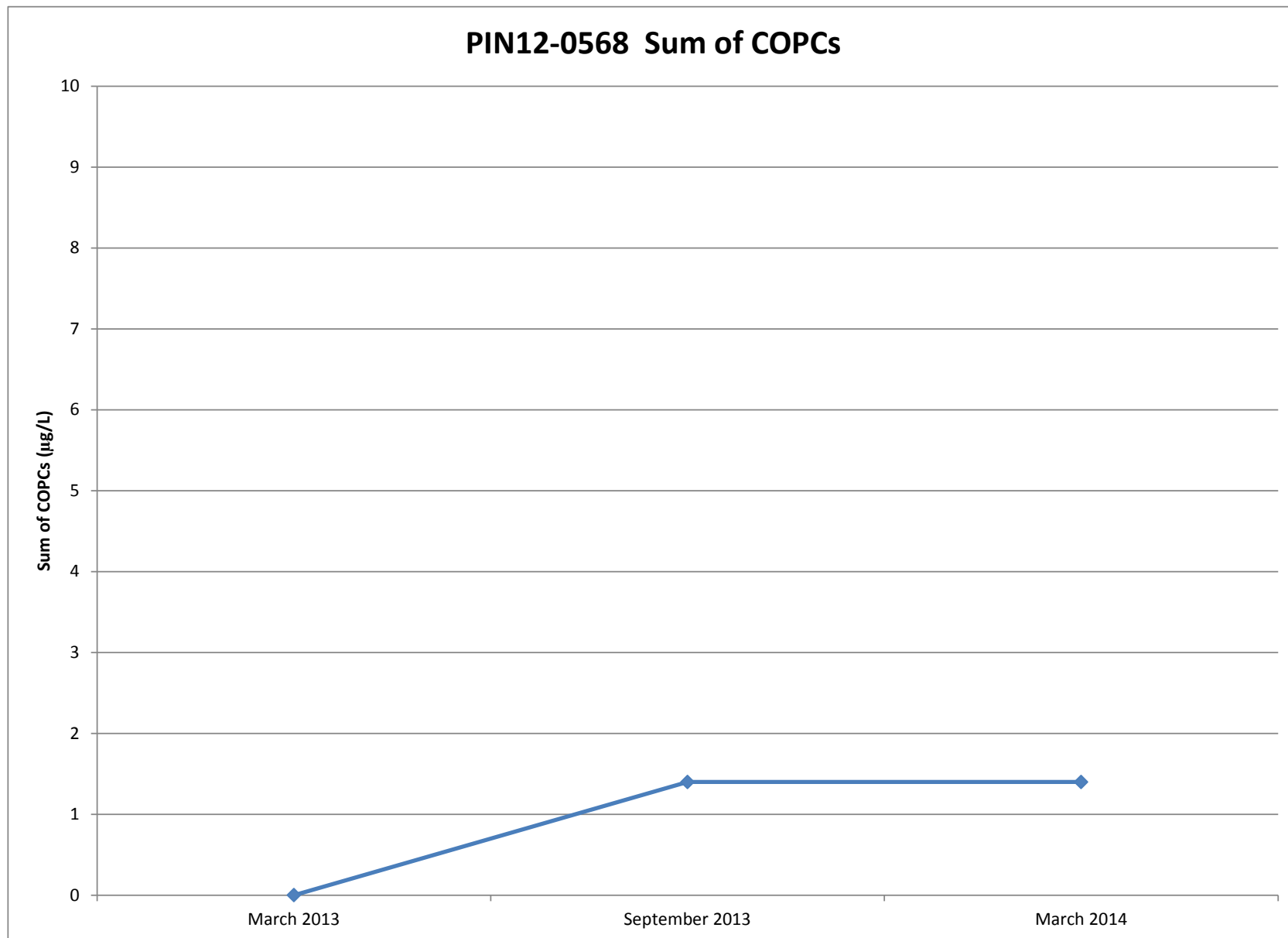


Figure 28. Sum of COPCs for Monitoring Well PIN12-0568

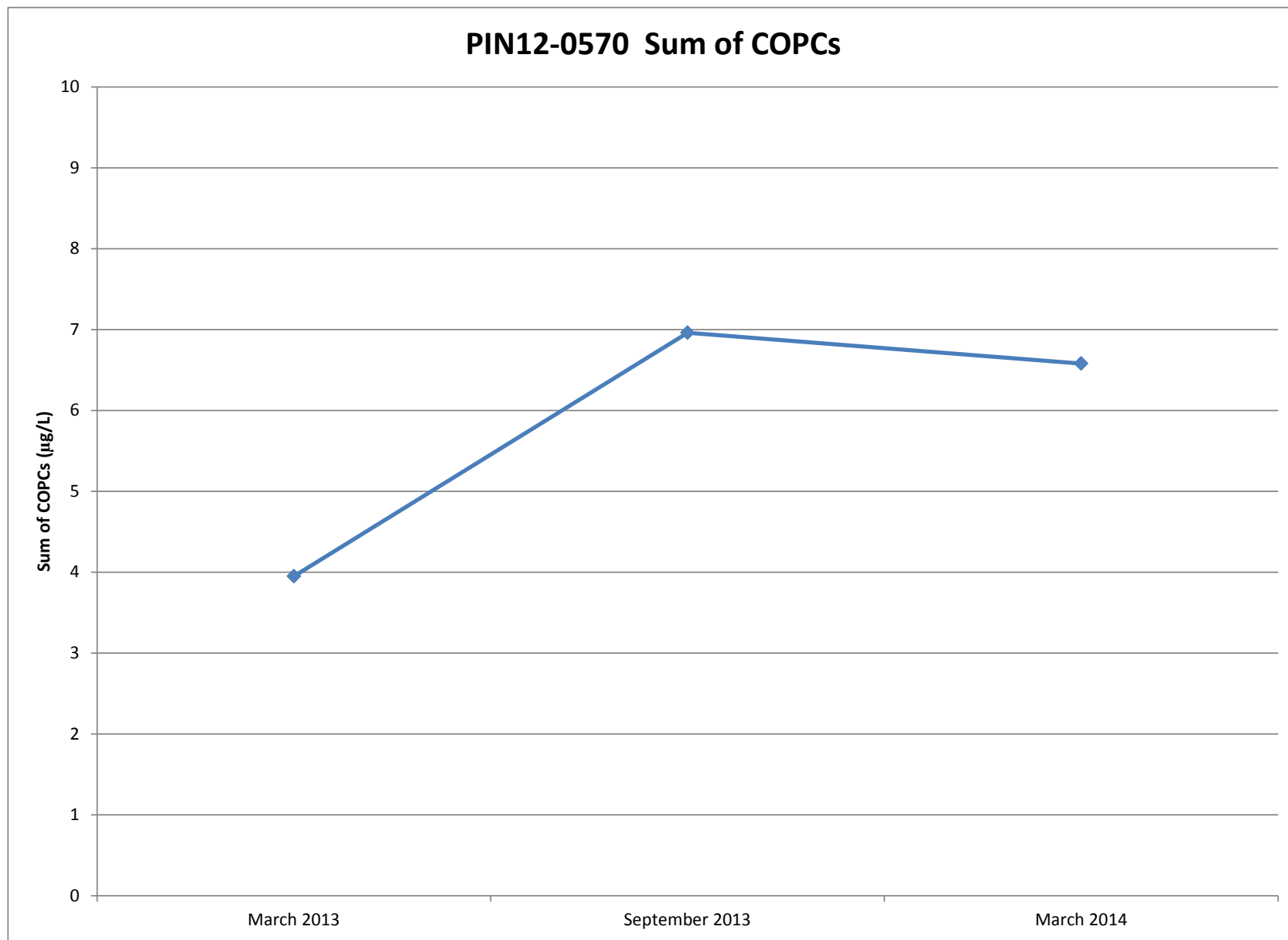


Figure 29. Sum of COPCs for Monitoring Well PIN12-0570

Table 1. Groundwater-Level Data at the STAR Center, March 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN02	Sitewide Piezometers			
PZ03	3/4/2014	09:35	3.37	16.33
PZ04	3/4/2014	09:41	2.11	16.09
PZ05	3/4/2014	09:55	2.85	15.25
PZ08	3/4/2014	13:19	4.02	14.38
PZ09	3/4/2014	13:30	3.66	14.34
PZ10	3/4/2014	09:23	4.68	14.20
PZ11	3/4/2014	09:34	4.74	14.14
Building 100 Area				
PIN06				
0500	3/4/2014	10:59	3.20	14.80
PIN12				
0509	3/4/2014	11:10	3.29	14.75
0520	3/4/2014	11:02	3.03	14.98
0521	–	–	–	–
0524	3/4/2014	13:58	3.46	13.95
0525	3/4/2014	13:57	3.42	14.00
0527	3/4/2014	10:05	11.80	6.27
0528	3/4/2014	13:35	11.41	6.19
0539	3/4/2014	14:22	3.31	13.29
0540	3/4/2014	14:27	2.79	13.31
0541	3/4/2014	14:43	4.39	13.27
0542	3/4/2014	14:49	4.31	13.39
0549	3/4/2014	14:50	4.37	13.29
0550-1	3/4/2014	09:36	2.51	12.19
0550-2	3/4/2014	09:39	2.48	12.22
0550-3	3/4/2014	09:39	2.35	12.35
0551-1	3/4/2014	09:34	3.28	12.12
0551-2	3/4/2014	09:35	2.90	12.50
0551-3	3/4/2014	09:35	3.24	12.16
0554A	3/4/2014	13:18	4.37	13.87
0554B	3/4/2014	13:27	4.32	13.92
0554C	3/4/2014	13:28	4.43	13.81
0555A	3/4/2014	11:16	3.83	14.06
0555B	3/4/2014	11:14	3.99	13.90
0555C	3/4/2014	11:02	4.00	13.89
0561-1	3/4/2014	13:40	3.81	14.41
0561-2	3/4/2014	13:51	3.92	14.30
0561-3	3/4/2014	13:52	3.90	14.32
0562-1	3/4/2014	14:17	4.99	13.27

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0562-2	3/4/2014	14:21	4.90	13.36
0562-3	3/4/2014	14:21	4.94	13.32
0564-1	3/4/2014	08:26	2.99	12.51
0564-2	3/4/2014	08:31	3.10	12.40
0564-3	3/4/2014	08:32	3.14	12.36
0565-1	3/4/2014	08:47	3.98	11.72
0565-2	3/4/2014	08:52	4.03	11.67
0565-3	3/4/2014	08:52	4.00	11.70
0566-1	3/4/2014	08:08	3.88	11.72
0566-2	3/4/2014	08:25	3.78	11.82
0566-3	3/4/2014	08:25	3.80	11.80
0567-1	3/4/2014	09:13	4.61	13.65
0567-2	3/4/2014	09:13	4.74	13.52
0567-3	3/4/2014	09:14	4.88	13.38
0568-1	3/4/2014	09:04	4.94	13.32
0568-2	3/4/2014	09:07	5.01	13.25
0568-3	3/4/2014	09:08	5.04	13.22
0569-1	3/4/2014	08:59	5.19	12.92
0569-2	3/4/2014	09:03	5.20	12.91
0569-3	3/4/2014	09:03	5.21	12.90
0570-1	3/4/2014	09:17	5.20	12.60
0570-2	3/4/2014	09:21	5.38	12.42
0570-3	3/4/2014	09:21	5.35	12.45
0571-1	3/4/2014	08:53	5.51	12.69
0571-2	3/4/2014	08:58	5.60	12.60
0571-3	3/4/2014	08:58	5.53	12.67
0572-1	3/4/2014	10:14	3.40	12.20
0572-2	3/4/2014	10:27	3.34	12.26
0572-3	–	–	–	–
0573-1	3/4/2014	08:35	3.19	11.81
0573-2	3/4/2014	08:35	3.21	11.79
0573-3	3/4/2014	08:36	3.22	11.78
0574-1	3/4/2014	08:36	5.30	11.00
0574-2	3/4/2014	08:42	5.23	11.07
0574-3	3/4/2014	08:43	5.25	11.05
0575-1	3/4/2014	08:45	4.73	10.57
0575-2	3/4/2014	08:46	4.68	10.62
0575-3	–	–	–	–
0576-1	3/4/2014	09:40	4.63	12.87
0576-2	3/4/2014	09:44	4.60	12.90

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0576-3	3/4/2014	09:45	4.60	12.90
0577-1	3/4/2014	10:04	4.99	12.91
0577-2	3/4/2014	10:09	4.95	12.95
0577-3	3/4/2014	10:09	4.96	12.94
0578-1	3/4/2014	09:50	4.79	13.01
0578-2	3/4/2014	09:52	4.78	13.02
0578-3	3/4/2014	09:53	4.78	13.02
0579-1	3/4/2014	09:45	4.53	12.87
0579-2	3/4/2014	09:48	4.52	12.88
0579-3	3/4/2014	09:49	4.52	12.88
0580-1	3/4/2014	13:28	4.62	13.88
0580-2	3/4/2014	13:32	4.76	13.74
0580-3	3/4/2014	13:32	4.79	13.71
0581-1	3/4/2014	14:40	4.02	13.34
0581-2	3/4/2014	14:41	4.05	13.31
0581-3	3/4/2014	14:42	4.06	13.30
0582-1	3/4/2014	14:29	3.42	13.31
0582-2	3/4/2014	14:35	3.41	13.32
0582-3	3/4/2014	14:36	3.44	13.29
0583-1	3/4/2014	14:03	3.22	13.29
0583-2	3/4/2014	14:05	3.23	13.28
0583-3	3/4/2014	14:05	3.23	13.28
0584-1	3/4/2014	14:02	3.43	14.17
0584-2	3/4/2014	14:05	3.59	14.01
0584-3	3/4/2014	14:06	3.60	14.00
0585-1	3/4/2014	13:58	3.40	14.09
0585-2	3/4/2014	14:01	3.53	13.96
0585-3	3/4/2014	14:02	3.59	13.90
0586-1	3/4/2014	14:11	4.02	13.38
0586-2	3/4/2014	14:12	3.94	13.46
0586-3	3/4/2014	14:13	3.95	13.45
0587-1	3/4/2014	14:02	4.19	13.31
0587-2	3/4/2014	14:06	4.09	13.41
0587-3	3/4/2014	14:07	4.08	13.42
0588-1	3/4/2014	13:56	4.08	13.32
0588-2	3/4/2014	14:01	4.08	13.32
0588-3	3/4/2014	14:02	4.09	13.31
PZ01	3/4/2014	10:10	4.58	12.92
PZ02	3/4/2014	09:56	5.83	13.07
PZ03	3/4/2014	09:54	3.91	12.99

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
RW01	3/4/2014	11:04	3.38	14.87
RW02	3/4/2014	11:08	3.58	14.75
RW03	—	—	—	—
S29C	3/4/2014	09:14	3.66	14.85
S30B	3/4/2014	09:21	3.74	14.77
S31B	3/4/2014	08:52	3.78	14.73
S32B	3/4/2014	09:02	3.65	14.86
S33C	3/4/2014	09:26	3.62	14.89
S35B	3/4/2014	09:41	4.03	14.48
S36B	3/4/2014	08:55	4.24	14.27
S37B	3/4/2014	09:33	3.63	14.88
S67B	3/4/2014	09:53	4.18	14.29
S67C	3/4/2014	10:24	4.20	14.27
S67D	3/4/2014	10:25	4.30	14.18
S68B	3/4/2014	14:16	3.90	14.00
S68C	3/4/2014	14:15	4.03	13.87
S68D	3/4/2014	14:14	4.07	13.83
S69B	3/4/2014	13:54	2.53	13.47
S69C	3/4/2014	13:52	2.55	13.45
S69D	3/4/2014	13:48	2.63	13.37
S70B	3/4/2014	13:40	2.92	13.78
S70C	3/4/2014	13:43	2.89	13.81
S70D	3/4/2014	13:44	3.00	13.70
S71B	3/4/2014	13:40	4.58	13.82
S71C	3/4/2014	13:39	4.64	13.76
S71D	3/4/2014	13:38	4.65	13.75
S73B	3/4/2014	14:06	3.87	13.13
S73C	3/4/2014	14:08	3.72	13.28
S73D	3/4/2014	14:14	3.75	13.25
PIN21				
0502	3/4/2014	13:55	2.35	12.85
0503	3/4/2014	13:58	2.38	12.82
0504	3/4/2014	14:13	3.96	13.64
0505	3/4/2014	14:17	3.68	13.72
PIN15	Northeast Site			
0506	3/4/2014	10:24	3.11	13.89
0507	3/4/2014	10:19	3.05	13.95
0513	3/4/2014	10:52	11.20	6.40
0520	3/4/2014	10:29	3.04	14.06
0530	3/4/2014	10:57	3.08	14.32

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2014

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0534	3/4/2014	10:38	2.90	14.20
0535	3/4/2014	11:01	3.22	14.38
0537	3/4/2014	09:23	3.72	14.88
0568	3/4/2014	10:11	4.32	14.18
0569	3/4/2014	10:18	4.23	14.15
0573	3/4/2014	10:49	3.62	14.76
0574	3/4/2014	10:53	3.69	14.73
0594	3/4/2014	10:27	4.38	14.12
0595	3/4/2014	10:36	3.78	14.82
M16D	3/4/2014	10:42	3.15	15.05
M16S	3/4/2014	10:47	3.17	15.03
M24D	3/4/2014	10:55	3.07	14.73
M33D	3/4/2014	10:59	2.20	15.40
PIN18	WWNA			
0503	3/4/2014	13:22	3.17	14.51
0507	3/4/2014	13:28	3.22	14.51
0526	3/4/2014	08:02	4.30	14.30

Abbreviations:

– = not measured

ft amsl = feet above mean sea level

ft bls = feet below land surface

Table 2. Surface Water Elevations, March 2014

Location	Measurement		Surface Water Elevation (ft amsl)
	Date	Time	
PIN01	Pond 5		
P501	3/4/14	08:03	13.67
P502	3/4/14	11:05	13.94
PIN02	West Pond		
W005	3/4/14	11:04	13.86
PIN12	Belcher Road Pond		
BR01	3/4/14	11:30	13.09
PIN15	East Pond		
E001	3/4/14	11:21	13.92
PIN23	Southwest Pond		
SW01	3/4/14	11:09	13.74
PIN37	South Pond		
S001	3/4/14	11:16	13.66
S002	3/4/14	11:17	13.68

Abbreviations:

ft amsl = feet above mean sea level

Table 3. Field Measurements of Samples Collected at the STAR Center, March 2014

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	24.5	1,398	4	6.69	-14	1.5
0525	12–22	24.3	720	16	6.85	-45	0.9
0539	9.5–19.5	22.4	1,246	10	6.61	-32	0.7
0540	20–30	23.9	1,359	4	6.63	-38	0.4
0541	10–20	22.3	781	15	6.67	-38	1.4
0542	20–30	23.9	762	7	6.71	-45	1.1
0549	30–40	23.7	1,274	6	6.74	-58	0.9
0551-1	9–18	25.4	993	1	6.55	-35	1.3
0551-2	20–29	25.5	1,072	2	6.53	-33	0.7
0554A	3–13	22.4	708	6	6.27	2	0.5
0554B	13–23	24.4	693	10	6.56	-27	0.5
0554C	23–33	22.1	867	11	6.82	-70	1.2
0555A	2.5–12.5	20.6	407	2	6.24	-2	0.6
0555B	13–23	22.5	396	23	6.84	-46	0.5
0555C	23–33	22.8	528	10	6.72	-49	0.5
0561-1	9–18	20.8	499	1	6.95	-27	0.6
0561-2	20–29	21.6	568	1	6.78	-55	0.5
0561-3	31–40	21.3	906	1	6.59	-60	0.4
0565-1	9–18	24.9	1,173	1	6.59	-26	3.0
0565-2	20–29	25.2	1,089	2	6.55	-24	2.8
0565-3	31–40	24.8	1,450	1	6.55	1	-
0568-1	9–18	18.9	1,685	1	6.62	-25	0.6
0568-2	20–29	20.2	1,309	1	6.59	-38	0.6
0568-3	31–40	20.3	1,695	1	6.65	-40	0.4
0569-1	9–18	20.6	1,980	1	6.62	-12	1.1
0569-2	20–29	22.5	1,112	1	6.59	-31	0.6
0569-3	31–40	23.3	1,278	1	6.61	-9	0.8
0570-1	9–18	20.5	1,777	1	6.70	-28	1.7
0570-2	20–29	21.4	1,555	1	6.67	-25	1.6
0570-3	31–40	21.6	1,260	1	6.64	-40	0.7
0572-1	9–18	20.9	1,599	2	6.57	-37	0.8
0572-2	20–29	22.1	981	1	6.63	-29	0.6
0573-1	9–18	27.9	1,625	3	6.49	-40	3.0
0573-2	20–29	27.6	1,246	0.1	6.49	-39	2.7
0573-3	31–40	26.9	1,498	1	6.55	-22	2.4
0574-1	9–18	25.7	1,243	3	6.63	-31	2.9
0574-2	20–29	26.7	1,261	2	6.61	-20	2.7
0574-3	31–40	26.3	1,520	1	6.57	-13	2.5

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, March 2014

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0575-1	9–18	23.5	1,300	3	6.63	-35	1.9
0575-2	20–29	24.7	1,449	2	6.61	-28	2.0
0576-1	4–13	22.4	1,053	4	6.53	-43	0.5
0576-2	15–24	23.7	1,004	1	6.54	-28	0.8
0576-3	26–35	23.9	1,692	1	6.59	-18	0.8
0577-1	4–13	21.5	952	4	6.35	-6	1.4
0577-2	15–24	21.9	945	1	6.39	-19	1.0
0577-3	26–35	23.0	1,327	1	6.56	-42	0.9
0578-1	4–13	23.6	450	14	6.20	34	1.0
0578-2	15–24	25.2	945	1	6.31	-19	1.0
0578-3	26–35	26.0	1,132	2	6.44	-12	1.0
0579-1	4–13	22.4	2,166	3	6.07	52	0.9
0579-2	15–24	23.0	1,093	3	6.43	-33	0.8
0579-3	26–35	23.8	1,429	3	6.59	-48	0.6
0580-1	9–18	25.4	596	1	6.85	11	1.2
0580-2	20–29	26.2	1,042	1	6.75	-43	0.4
0580-3	31–40	25.9	1,463	2	6.72	-45	0.3
0581-1	9–18	21.1	991	2	6.60	-2	1.4
0581-2	20–29	19.9	1,061	2	6.70	-41	1.4
0581-3	31–40	23.6	1,417	1	6.72	-5	0.5
0582-1	9–18	24.0	1,854	3	6.62	-13	1.2
0582-2	20–29	25.0	1,160	1	6.65	-41	1.4
0582-3	31–40	26.8	1,474	7	6.62	-21	0.8
0583-1	9–18	22.2	893	3	6.72	-28	0.7
0583-2	20–29	23.5	1,525	2	6.55	-23	0.6
0583-3	31–40	24.7	1,592	4	6.62	-16	0.4
0584-1	9–18	22.4	642	5	6.85	-56	0.6
0584-2	20–29	22.9	939	8	6.70	-59	0.8
0584-3	31–40	22.9	1,476	2	6.58	-31	0.9
0585-1	9–18	20.3	721	6	6.84	-36	1.4
0585-2	20–29	21.8	906	1	6.79	-42	1.5
0585-3	31–40	21.8	1,501	4	6.74	-34	1.4
0586-1	8–17	19.3	585	7	6.99	-86	0.4
0586-2	19–28	21.0	674	3	6.65	-32	0.6
0586-3	30–39	21.3	1,359	3	6.75	-53	0.6
0587-1	9–18	22.0	742	1	6.78	-43	0.9
0587-2	20–29	22.2	932	1	6.55	-33	0.8
0587-3	31–40	21.8	1,247	5	6.63	-31	1.3
0588-1	9–18	22.9	681	10	6.81	-49	0.9
0588-2	20–29	23.7	879	1	6.60	-38	0.6

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, March 2014

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0588-3	31–40	21.7	1,354	1	6.62	-24	0.6
S30B	5–15	21.8	891	7	6.81	8	2.8
S33C	11–21	22.6	629	11	6.82	15	2.1
S35B	5–15	22.7	1,611	23	6.52	9	1.9
S67B	10–19.83	21.5	1,048	4	6.74	-3	1.6
S67C	20–29.83	21.8	827	5	6.75	-25	2.0
S67D	30–39.83	21.9	910	14	6.75	-30	1.4
S68B	10–20	25.3	787	40	6.71	-68	0.6
S68C	18–28	25.0	984	9	6.57	-6	0.6
S68D	30–40	26.4	1,315	2	6.56	-19	0.8
S69B	10–20	25.9	652	5	6.91	-23	0.3
S69C	20–30	24.5	421	17	7.04	79	1.6
S69D	30–40	26.2	1,593	1	6.71	25	0.3
S70B	10–20	22.9	785	12	6.85	-13	0.4
S70C	20–30	25.3	1,322	7	6.64	-25	0.2
S70D	30–40	23.7	1,472	4	6.64	-30	0.2
S71B	10–20	27.5	711	26	6.77	-68	0.4
S71C	20–30	25.1	1,233	5	6.60	-14	0.4
S71D	30–40	25.0	1,491	2	6.65	-37	0.4
S73B	10–20	25.8	1,007	15	6.60	-65	0.5
S73C	20–30	26.8	1,735	6	6.59	-48	0.7
S73D	30–40	25.3	1,766	11	6.30	-14	0.7

Notes:

^a Temperature corrected to 25 °C

Abbreviations:

ft bls = feet 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 2014 (Reported in µg/L)

Sample ID	Duplicate ID	Analyte	Result	Duplicate Result	MDL	RPD
PIN12-0572-2	PIN12-2450	1,1-Dichloroethene	8.6	10	0.46	15
		1,4-Dioxane	1.1	1.4	0.22	Range <5X PQL
		Acetone	4.7J	3.8U	3.8	Range <5X PQL
		<i>cis</i> -1,2-Dichloroethene	210	220	0.75	5
		<i>trans</i> -1,2-Dichloroethene	1.8	1.9J	0.30	5
		Vinyl chloride	35	41	0.20	16
PIN12-0581-2	PIN12-2451	1,1-Dichloroethane	17	13	0.22	27
		1,1-Dichloroethene	0.99J	0.50J	0.23	Range <5X PQL
		1,4-Dioxane	27	22	0.44	20
		Acetone	15	17	1.9	13
		<i>cis</i> -1,2-Dichloroethene	7.6	4.7	0.15	47
		<i>trans</i> -1,2-Dichloroethene	0.58J	0.34J	0.15	Range <5X PQL
		Vinyl chloride	14	13	0.10	7
PIN12-0582-2	PIN12-2452	1,1-Dichloroethane	46	36	0.22	24
		1,1-Dichloroethene	0.63J	0.35J	0.23	Range <5X PQL
		1,4-Dioxane	150	150	2.2	0
		Chloromethane	0.40J	0.30U	0.30	Range <5X PQL
		<i>cis</i> -1,2-Dichloroethene	17	14	0.15	19
		<i>trans</i> -1,2-Dichloroethene	4.9	2.8	0.15	55
		Vinyl chloride	110	120	0.20	9
PIN12-0585-2	PIN12-2453	1,1-Dichloroethene	290	250	4.6	15
		1,4-Dioxane	3.1J	7.2	1.1	Range <5X PQL
		<i>cis</i> -1,2-Dichloroethene	5,300	4,400	30	19
		<i>trans</i> -1,2-Dichloroethene	29	24	3.0	19
		Trichloroethene	1,400	1,100	3.2	24
		Vinyl chloride	590	590	2.0	0
PIN12-0587-2	PIN12-2454	1,1-Dichloroethene	160	190	2.3	17
		1,4-Dioxane	2.2	2.7	0.22	Range <5X PQL
		<i>cis</i> -1,2-Dichloroethene	3,400	4,100	15	19
		<i>trans</i> -1,2-Dichloroethene	19	21	1.5	10
		Trichloroethene	66	110	1.6	50
		Vinyl chloride	480	720	10	40

Abbreviations:

J = Estimated value

MDL = method detection limit

RPD = relative percent difference

U = not detected

Table 5. COPCs Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs ^b
Cleanup Target Level ^c			30	700	1,000	70	10	32	
PIN12									
0524	27–37	3/9/2013	<0.32	570	7.1	16	600	<0.88	1,193.1
		9/14/2013	<0.64	640	6.7	18	420	1.4J	1,086.1
		3/8/2014	<0.32	650	5.9	13	450	0.92J	1,119.8
0525	12–22	3/9/2013	<0.16	1.3	<0.15	<0.23	<0.1	<0.44	1.3
		9/14/2013	<0.16	1.3	<0.15	<0.23	<0.1	1.9J	3.2
		3/8/2014	<0.16	1.1	<0.15	<0.23	<0.1	2J	3.1
0539	9.5–19.5	3/8/2013	<0.16	1.6	1.3	<0.23	53	38	93.9
		9/17/2013	<0.16	1.1	0.72J	<0.23	6.7	1.8	10.3
		3/11/2014	<0.16	0.26J	0.29J	<0.23	2.3	<1.2B	2.9
0540	20–30	3/8/2013	<0.16	12	6.8	<0.23	230	170J	418.8
		9/17/2013	<0.32	21	14	0.53J	300	260	595.5
		3/11/2014	<0.16	30J	13J	0.44J	270J	200BJ	513.4
0541	10–20	3/8/2013	<0.16	0.2J	<0.15	<0.23	<0.1	<0.22	0.2
		9/16/2013	<0.16	0.32J	<0.15	<0.23	<0.1	1.1	1.4
		3/7/2014	<0.16	0.21J	<0.15	<0.23	<0.1	1.4J	1.6
0542	20–30	3/8/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/16/2013	<0.16	0.62J	<0.15	<0.23	<0.1	2.5	3.1
		3/7/2014	<0.16	0.31J	<0.15	<0.23	<0.1	1.7J	2.0
0549	30–40	3/8/2013	<0.16	0.17J	<0.15	<0.23	<0.1	<0.44	0.2
		9/16/2013	<0.16	0.23J	<0.15	<0.23	<0.1	2.1	2.3
		3/7/2014	<0.16	0.26J	<0.15	<0.23	<0.1	3.5J	3.8
0551-1	9–18	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0551-2	20–29	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554A	3–13	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554B	13–23	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	2.5	0.39J	0.27J	6.4	7.8	17.4
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554C	23–33	3/8/2013	<0.16	16	5.5	1	88	76	186.5
		9/13/2013	<0.16	17	7.1	1	69	73J	167.1
		3/7/2014	<0.16	19	6.6	0.81J	84	87	197.4

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs ^b
Cleanup Target Level ^c			30	700	1,000	70	10	32	
0555A	2.5–12.5	3/7/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0555B	13–23	3/7/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0555C	23–33	3/7/2013	<0.16	1.1	0.43J	<0.23	<0.1	<0.22	1.5
		9/13/2013	<0.16	1.2	0.55J	<0.23	<0.1	<0.22	1.8
		3/6/2014	<0.16	1	0.44J	<0.23	<0.1	0.35J	1.8
0561-1	9–18	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-2	20–29	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-3	31–40	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.83J	0.8
0565-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0565-2	20–29	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	0.37J	<0.15	<0.23	0.2J	<0.22	0.6
		3/5/2014	<0.16	0.37J	<0.15	<0.23	0.21J	<0.22	0.6
0565-3	31–40	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	0.4J	<0.15	<0.23	<0.1	<0.22	0.4
		3/5/2014	<0.16	0.46J	<0.15	<0.23	0.17J	<0.22	0.6
0568-1	9–18	3/11/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0568-2	20–29	3/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	1.4	1.4
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.4J	1.4
0568-3	31–40	3/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0569-1	9–18	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0569-2	20–29	3/8/2013	<0.64	2.2J	<0.6	<0.92	<0.4	1.6J	3.8
		9/13/2013	<0.16	1.1	<0.15	<0.23	5.9	1.8	8.8
		3/10/2014	<0.16	0.83J	<0.15	<0.23	5	1.7	7.5
0569-3	31–40	3/8/2013	<0.64	54	<0.6	2.5J	37	1.3J	94.8
		9/13/2013	<0.16	39	0.54J	1.4	35	<0.22	75.9
		3/10/2014	<0.16	41	0.6J	1.6	37	2	82.2
0570-1	9–18	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0570-2	20–29	3/11/2013	<0.16	<0.15	<0.15	<0.23	0.55J	<0.44	0.6
		9/13/2013	<0.16	<0.15	<0.15	<0.23	0.56J	1J	1.6
		3/7/2014	<0.16	<0.15	<0.15	<0.23	0.4J	0.88J	1.3
0570-3	31–40	3/13/2013	<0.16	<0.15	<0.15	<0.23	3.4	<0.44	3.4
		9/13/2013	<0.16	<0.15	<0.15	<0.23	3.7	1.7J	5.4
		3/7/2014	<0.16	<0.15	<0.15	<0.23	3.6	1.7J	5.3
0572-1	9–18	3/11/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0572-2	20–29	3/11/2013	<0.8	200	1.7J	10	42	<0.44	253.7
		9/12/2013	<0.16	210	1.8	11J	59J	1.2	283.0
		3/7/2014	<0.16	210	1.8	8.6	35	1.1J	256.5
0573-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0573-2	20–29	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0573-3	31–40	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.35J	0.4
0574-1	9–18	3/11/2013	<0.64	7.3	<0.6	<0.92	12	<0.44	19.3
		9/17/2013	<0.16	5.9	<0.15	<0.23	14	1.3	21.2
		3/5/2014	<0.16	7.2	<0.15	<0.23	12	1.4	20.6
0574-2	20–29	3/11/2013	<0.16	17	0.28J	<0.23	18	<0.44	35.3
		9/17/2013	<0.16	13	0.2J	<0.23	26	<0.22	39.2
		3/5/2014	<0.16	14	0.22J	<0.23	20	1.2	35.4
0574-3	31–40	3/11/2013	<0.16	0.59J	<0.15	<0.23	1	<0.44	1.6
		9/17/2013	<0.16	5.4	<0.15	<0.23	14	0.97J	20.4
		3/5/2014	<0.16	0.41J	<0.15	<0.23	1	<0.22	1.4

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs ^b
Cleanup Target Level ^c			30	700	1,000	70	10	32	
0575-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	1.9	1.9
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.8	1.8
0575-2	20–29	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	0.89J	<0.22	0.9
		3/5/2014	<0.16	<0.15	<0.15	<0.23	1.2	0.67J	1.9
0576-1	4–13	3/13/2013	<0.16	7.4	0.17J	2	15	36	60.6
		9/12/2013	<0.16	5.3	<0.15	1.4	12	33	51.7
		3/10/2014	<0.16	4.4	<0.15	1.1	4.9	22J	32.4
0576-2	15–24	3/13/2013	<0.16	8.9	0.21J	2.4	17	27J	55.5
		9/12/2013	<0.16	6.2	<0.15	1.6	13	35	55.8
		3/10/2014	<0.16	4.7	<0.15	1.3	4.9	24J	34.9
0576-3	26–35	3/13/2013	<0.16	0.46J	<0.15	<0.23	1.2	<0.88	1.7
		9/12/2013	<0.16	0.23J	<0.15	<0.23	0.67J	<0.22	0.9
		3/11/2014	<0.16	0.35J	<0.15	<0.23	0.68J	<0.22	1.0
0577-1	4–13	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.8JB	ND
0577-2	15–24	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.66JB	ND
0577-3	26–35	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.61JB	ND
0578-1	4–13	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.3JH	0.3
0578-2	15–24	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.6B	1.6
0578-3	26–35	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.43JB	ND
0579-1	4–13	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0579-2	15–24	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.26J	0.3

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs ^b
Cleanup Target Level ^c			30	700	1,000	70	10	32	
0579-3	26–35	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
0580-1	9–18	3/7/2013	<0.16	0.54J	<0.15	<0.23	4.2	4	8.7
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0580-2	20–29	3/7/2013	<0.16	18	5J	<0.23	150J	160	333.0
		9/13/2013	<0.16	21	8.2	0.38J	150	170J	349.6
		3/11/2014	<0.16	13	5	<0.23	130	130B	278.0
0580-3	31–40	3/7/2013	<0.16	12	0.88J	<0.23	23	28	63.9
		9/13/2013	<0.16	16	3.2	0.39J	33	30J	82.6
		3/11/2014	<0.16	18	3.4	0.28J	40	31B	92.7
0581-1	9–18	3/11/2013	<0.16	0.26J	<0.15	<0.23	0.5J	<0.44	0.8
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0581-2	20–29	3/11/2013	<0.16	3.6	<0.15	0.47J	7.3J	<0.44	11.4
		9/16/2013	<0.16	7.2	0.61J	1.1	20	30	58.9
		3/10/2014	<0.16	7.6J	0.58J	0.99J	14J	27J	50.2
0581-3	31–40	3/11/2013	<0.32	<0.3	<0.3	<0.46	<0.2	<0.44	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	0.47J	<0.15	<0.23	0.48J	1.5	2.5
0582-1	9–18	3/11/2013	<0.16	<0.15	<0.15	<0.23	1.2	<0.44	1.2
		9/17/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-2	20–29	3/11/2013	<0.16	13	2.5	0.72J	130J	170J	316.2
		9/17/2013	<0.16	21	5.3	0.8J	170	270	467.1
		3/10/2014	<0.16	17	4.9J	0.63J	110	150J	282.5
0582-3	31–40	3/11/2013	<0.16	0.2J	<0.15	<0.23	1.2	<0.44	1.4
		9/17/2013	<0.16	0.22J	<0.15	<0.23	0.63J	<0.22	0.9
		3/10/2014	<0.16	0.56J	<0.15	<0.23	2.2	0.98J	3.7
0583-1	9–18	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.71JB	ND
0583-2	20–29	3/12/2013	<0.16	0.25J	2.2	<0.23	16	<4.4	18.5
		9/18/2013	<0.16	0.38J	2.5	<0.23	13	4.1	20.0
		3/11/2014	<0.16	0.22J	2.4	<0.23	21	8.6B	32.2
0583-3	31–40	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	0.17J	<0.23	0.76J	<0.88JB	0.9

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0584-1	9–18	3/9/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	0.25J	2.1	2.4
0584-2	20–29	3/9/2013	<0.16	0.35J	<0.15	<0.23	<0.1	<0.44	0.4
		9/14/2013	<0.16	0.34J	<0.15	<0.23	2.7	<0.22	3.0
		3/8/2014	<0.16	0.34J	<0.15	<0.23	4	0.98J	5.3
0584-3	31–40	3/9/2013	<0.32	<0.3	<0.3	<0.46	1J	<0.44	1.0
		9/14/2013	<0.16	0.27J	<0.15	<0.23	3.3	<0.22	3.6
		3/8/2014	<0.16	0.35J	<0.15	<0.23	4.8	<0.22	5.2
0585-1	9–18	3/9/2013	5.3	59	0.41J	2.7	9.8	<0.44	77.2
		9/14/2013	4.2	36	0.41J	2.4	5.4	2.4J	50.8
		3/8/2014	0.17J	1.2	<0.15	<0.23	0.55J	2.3	4.2
0585-2	20–29	3/9/2013	420	3,500	17	160	420	<8.8	4,517.0
		9/14/2013	1,300	5,800	39	410	700	<2.2	8,249.0
		3/8/2014	1,400J	5,300	29	290	590	3.1J	7,612.1
0585-3	31–40	3/9/2013	0.71J	140	1.1	4	200	<0.44	345.8
		9/14/2013	24	230	5.6	11	900	1.3J	1,171.9
		3/8/2014	11	430	8.2	17	1,200	1.5	1,667.7
0586-1	8–17	3/13/2013	<0.16	0.36J	<0.15	<0.23	<0.1	<0.44	0.4
		9/17/2013	<0.16	0.35J	<0.15	<0.23	0.13J	<0.22	0.5
		3/7/2014	<0.16	0.34J	<0.15	<0.23	<0.1	0.62J	1.0
0586-2	19–28	3/13/2013	<0.16	3	<0.15	<0.23	2.9	<0.44	5.9
		9/17/2013	<0.16	10	<0.15	0.39J	5.6	0.91J	16.9
		3/10/2014	<0.16	13	<0.15	0.44J	5.8	1	20.2
0586-3	30–39	3/13/2013	<0.16	0.53J	<0.15	<0.23	1.5	<0.44	2.0
		9/17/2013	<0.16	<0.15	<0.15	<0.23	2.9	<0.22	2.9
		3/10/2014	<0.16	<0.15	<0.15	<0.23	2.8	0.46J	3.3
0587-1	9–18	3/13/2013	<0.16	50	0.3J	1.3	13	<0.44	64.6
		9/17/2013	<0.32	510	4.4	22	250	<0.22	786.4
		3/12/2014	1.4J	670	5.6	30	310	0.74J	1,017.7
0587-2	20–29	3/13/2013	<0.16	190	1.4	7.9J	71	<0.44	270.3
		9/17/2013	<1.6	2,000	11	81	400	2.6	2,494.6
		3/12/2014	66J	3,400	19	160	480J	2.2J	4,127.2
0587-3	31–40	3/13/2013	<0.16	280	2.2	16	130	<0.44	428.2
		9/18/2013	<0.16	0.4J	<0.15	<0.23	42	1.2	43.6
		3/12/2014	1.1	23	0.65J	2.5	93	1.3J	121.6
0588-1	9–18	3/14/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/18/2013	<0.16	0.63J	<0.15	<0.23	0.57J	<0.22	1.2
		3/12/2014	<0.16	0.42J	<0.15	<0.23	<0.1	<0.22	0.4

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0588-2	20–29	3/14/2013	<0.16	12	<0.15	<0.23	16	6.6	34.6
		9/18/2013	<0.16	6.2	<0.15	<0.23	7.8	6.7	20.7
		3/12/2014	<0.16	3.2	<0.15	<0.23	4.8	6.9J	14.9
0588-3	31–40	3/14/2013	<0.16	0.87J	<0.15	<0.23	1.4	<0.44	2.3
		9/18/2013	<0.16	0.54J	<0.15	<0.23	2.4	<0.22	2.9
		3/12/2014	<0.16	0.33J	<0.15	<0.23	2.7	0.92J	4.0
S30B ^d	5–15	3/8/2013	23	43	4.5	0.54J	10	<0.44	81.0
		9/13/2013	6.7	15	1.6	<0.23	5.2	0.82J	29.3
		3/6/2014	15	34	3.9	0.35J	4.7	1	59.0
S33C ^d	11–21	3/8/2013	180	920	48	33	150	<0.44	1,331.0
		9/13/2013	19	260	4.8	7.2	340	<0.22	631.0
		3/6/2014	210	1,000	61	33	180	<0.22	1,484.0
S35B ^d	5–15	3/8/2013	5,500	40,000	5,100	940	12,000	<0.44	63,540.0
		9/13/2013	7,000	63,000	7,000	1,100	19,000	3.5	97,103.5
		3/6/2014	6,400	44,000	5,900	860	11,000	<4.4	68,160.0
S67B	10–19.83	3/7/2013	<0.16	13	3.3	<0.23	250	91	357.3
		9/13/2013	<0.16	13	3.3	<0.23	230	89J	335.3
		3/6/2014	<0.16	13	3	<0.23	230	84	330.0
S67C	20–29.83	3/7/2013	<0.16	48	9.7	0.64J	65	<0.88	123.3
		9/13/2013	<0.16	43	8.3	0.52J	110	45J	206.8
		3/6/2014	<0.16	57	10	0.61J	120	49	236.6
S67D	30–39.83	3/7/2013	<0.16	6.2	1.9	<0.23	11	<0.22	19.1
		9/13/2013	<0.16	6	1.9	<0.23	9.1	1.3	18.3
		3/6/2014	<0.16	6.1	2.1	<0.23	10	1.5	19.7
S68B	10–20	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.48J	0.5
S68C	18–28	3/13/2013	<0.64	5.3	<0.6	<0.92	<0.4	4.5	9.8
		9/18/2013	<0.16	22	0.32J	<0.23	16	4.9	43.2
		3/12/2014	<0.16	14	0.23J	<0.23	11	2.7J	27.9
S68D	30–40	3/13/2013	<0.64	41	<0.6	<0.92	16	3.3	60.3
		9/18/2013	<0.16	70	0.92J	<0.23	52	1.5	124.4
		3/12/2014	<0.16	57	0.78J	<0.23	44	2.1	103.9
S69B	10–20	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
		9/18/2013	<0.16	0.21J	<0.15	<0.23	<0.1	<0.22	0.2
		3/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.9J	0.9
S69C	20–30	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
		9/18/2013	<0.16	0.57J	0.2J	<0.23	0.3J	<0.22	1.1
		3/19/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.53J	0.5

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 (µg/L)^a

Location	Screen Depth (ft)	Date Sampled	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl chloride	1,4 Dioxane	TCOPCs ^b
Cleanup Target Level ^c			30	700	1,000	70	10	32	
S69D	30–40	3/12/2013	<0.16	0.3J	<0.15	<0.23	<0.1	<0.88	0.3
		9/18/2013	<0.16	0.33J	<0.15	<0.23	0.3J	<0.22	0.6
		3/12/2014	<0.16	0.34J	<0.15	<0.23	0.4J	0.22J	1.0
S70B	10–20	3/12/2013	<0.16	15	0.47J	<0.23	7.5	<0.22	23.0
		9/14/2013	<0.16	13	0.44J	<0.23	4.7	<0.22	18.1
		3/12/2014	<0.16	12	0.37J	<0.23	5.3	0.5J	18.2
S70C	20–30	3/12/2013	<0.16	19	7.2	0.47J	22	15	63.7
		9/14/2013	<0.16	13	4.2	<0.23	11	15J	43.2
		3/12/2014	<0.16	12	3.6	0.26J	13	19B	47.9
S70D	30–40	3/12/2013	<0.16	23	9.2	0.68J	19	12	63.9
		9/14/2013	<0.16	18	6.4	0.4J	12	15J	51.8
		3/12/2014	<0.16	18	6.5	0.46J	15	13B	53.0
S71B	10–20	3/9/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
S71C	20–30	3/9/2013	<0.16	18	10	0.29J	44	34	106.3
		9/16/2013	<0.16	32	17	0.44J	58	46	153.4
		3/12/2014	<0.16	19	11	0.27J	57	22J	109.3
S71D	30–40	3/9/2013	<0.16	29	17	0.6J	60	<0.44	106.6
		9/16/2013	<0.16	25	12	0.4J	48	17	102.4
		3/12/2014	<0.16	24	10	0.3J	48	17J	99.3
S73B	10–20	3/11/2013	<0.16	1.4	0.5J	<0.23	11	<0.44	12.9
		9/17/2013	<0.16	0.35J	0.16J	<0.23	0.96J	<0.22	1.5
		3/10/2014	<0.16	<0.15	<0.15	<0.23	0.88J	<0.22	0.9
S73C	20–30	3/11/2013	<0.16	18	17	0.47J	230	130	395.5
		9/17/2013	<0.16	4.7	6.3	<0.23	74	67	152.0
		3/10/2014	<0.16	5.1	6.5	<0.23	110	60	181.6
S73D	30–40	3/11/2013	<0.16	0.21J	<0.15	<0.23	0.47J	<0.88	0.7
		9/17/2013	<0.16	0.16J	<0.15	<0.23	1.1	2.3	3.6
		3/10/2014	<0.16	0.16J	0.4J	<0.23	2.8	4.8	8.2

Notes:

^a "<" values are method detection limits.

^b Some TCOPCs values are rounded.

^c The offsite CTL is a factor of 10 lower than the listed onsite (poor water quality) CTL.

^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:

B = analyte present in associated method blank

H = missed holding time

J = estimated value

ND = not detected

ft bls = feet below land surface

Table 6. March 2014 COPCs Concentrations Listed by Cross Section (µg/L)^a

Well	TCE	<i>cis</i> -1,2-DCE	<i>trans</i> -1,2-DCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	Sum of COPCs
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	0.44J	<0.23	<0.1	0.35J	1.79
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	<0.22	ND
0554C	<0.16	19	6.6	0.81J	84	87	197.41
0580-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0580-2	<0.16	13	5	<0.23	130	130B	278
0580-3	<0.16	18	3.4	0.28J	40	31B	92.68
S71B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
S71C	<0.16	19	11	0.27J	57	22J	109.27
S71D	<0.16	24	10	0.3J	48	17J	99.3
S70B	<0.16	12	0.37J	<0.23	5.3	0.5J	18.17
S70C	<0.16	12	3.6	0.26J	13	19B	47.86
S70D	<0.16	18	6.5	0.46J	15	13B	52.96
S69B	<0.16	<0.15	<0.15	<0.23	<0.1	0.9J	0.9
S69C	<0.16	<0.15	<0.15	<0.23	<0.1	0.53J	0.53
S69D	<0.16	0.34J	<0.15	<0.23	0.4J	0.22J	0.96
E3 to E4 Cross Section							
0541	<0.16	0.21J	<0.15	<0.23	<0.1	1.4J	1.61
0542	<0.16	0.31J	<0.15	<0.23	<0.1	1.7J	2.01
0549	<0.16	0.26J	<0.15	<0.23	<0.1	3.5J	3.76
0581-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0581-2	<0.16	7.6J	0.58J	0.99J	14J	27J	50.17
0581-3	<0.16	0.47J	<0.15	<0.23	0.48J	1.5	2.45
0582-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-2	<0.16	17	4.9J	0.63J	110	150J	282.53
0582-3	<0.16	0.56J	<0.15	<0.23	2.2	0.98J	3.74
0539	<0.16	0.26J	0.29J	<0.23	2.3	<1.2B	2.85
0540	<0.16	30J	13J	0.44J	270J	200BJ	513.44
S73B	<0.16	<0.15	<0.15	<0.23	0.88J	<0.22	0.88
S73C	<0.16	5.1	6.5	<0.23	110	60	181.6
S73D	<0.16	0.16J	0.4J	<0.23	2.8	4.8	8.16
0583-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.71JB	ND
0583-2	<0.16	0.22J	2.4	<0.23	21	8.6B	32.22
0583-3	<0.16	<0.15	0.17J	<0.23	0.76J	<0.88JB	0.93

Table 6 (continued). March 2014 COPCs Concentrations Listed by Cross Section (µg/L)^a

Well	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	Sum of COPCs
E5 to E6 Cross Section							
S67B	<0.16	13	3	<0.23	230	84	330
S67C	<0.16	57	10	0.61J	120	49	236.61
S67D	<0.16	6.1	2.1	<0.23	10	1.5	19.7
0580-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0580-2	<0.16	13	5	<0.23	130	130B	278
0580-3	<0.16	18	3.4	0.28J	40	31B	92.68
0582-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-2	<0.16	17	4.9J	0.63J	110	150J	282.53
0582-3	<0.16	0.56J	<0.15	<0.23	2.2	0.98J	3.74
0576-1	<0.16	4.4	<0.15	1.1	4.9	22J	32.4
0576-2	<0.16	4.7	<0.15	1.3	4.9	24J	34.9
0576-3	<0.16	0.35J	<0.15	<0.23	0.68J	<0.22	1.03
0578-1	<0.16	<0.15	<0.15	<0.23	<0.1	0.3JH	0.3
0578-2	<0.16	<0.15	<0.15	<0.23	<0.1	1.6B	1.6
0578-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.43JB	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	<0.22	ND
0561-3	<0.16	<0.15	<0.15	<0.23	<0.1	0.83J	0.83
0584-1	<0.16	<0.15	<0.15	<0.23	0.25J	2.1	2.35
0584-2	<0.16	0.34J	<0.15	<0.23	4	0.98J	5.32
0584-3	<0.16	0.35J	<0.15	<0.23	4.8	<0.22	5.15
0585-1	0.17J	1.2	<0.15	<0.23	0.55J	2.3	4.22
0585-2	1,400J	5,300	29	290	590	3.1J	7,612.1
0585-3	11	430	8.2	17	1,200	1.5	1,667.7
0524	<0.32	650	5.9	13	450	0.92J	1,119.82
0525	<0.16	1.1	<0.15	<0.23	<0.1	2J	3.1
S68B	<0.16	<0.15	<0.15	<0.23	<0.1	0.48J	0.48
S68C	<0.16	14	0.23J	<0.23	11	2.7J	27.93
S68D	<0.16	57	0.78J	<0.23	44	2.1	103.88
S69B	<0.16	<0.15	<0.15	<0.23	<0.1	0.9J	0.9
S69C	<0.16	<0.15	<0.15	<0.23	<0.1	0.53J	0.53
S69D	<0.16	0.34J	<0.15	<0.23	0.4J	0.22J	0.96
S2 to S3 Cross Section							
0586-1	<0.16	0.34J	<0.15	<0.23	<0.1	0.62J	0.96
0586-2	<0.16	13	<0.15	0.44J	5.8	1	20.24
0586-3	<0.16	<0.15	<0.15	<0.23	2.8	0.46J	3.26
0587-1	1.4J	670	5.6	30	310	0.74J	1,017.74
0587-2	66J	3,400	19	160	480J	2.2J	4,127.2
0587-3	1.1	23	0.65J	2.5	93	1.3J	121.55

Table 6 (continued). March 2014 COPCs Concentrations Listed by Cross Section (µg/L)^a

Well	TCE	<i>cis</i> -1,2-DCE	<i>trans</i> -1,2-DCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	Sum of COPCs
0588-1	<0.16	0.42J	<0.15	<0.23	<0.1	<0.22	0.42
0588-2	<0.16	3.2	<0.15	<0.23	4.8	6.9J	14.9
0588-3	<0.16	0.33J	<0.15	<0.23	2.7	0.92J	3.95
S4 to S5 Cross Section							
0585-1	0.17J	1.2	<0.15	<0.23	0.55J	2.3	4.22
0585-2	1,400J	5,300	29	290	590	3.1J	7,612.1
0585-3	11	430	8.2	17	1,200	1.5	1,667.7
0587-1	1.4J	670	5.6	30	310	0.74J	1,017.74
0587-2	66J	3,400	19	160	480J	2.2J	4,127.2
0587-3	1.1	23	0.65J	2.5	93	1.3J	121.55
0569-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0569-2	<0.16	0.83J	<0.15	<0.23	5	1.7	7.53
0569-3	<0.16	41	0.6J	1.6	37	2	82.2
0572-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0572-2	<0.16	210	1.8	8.6	35	1.1J	256.5
0574-1	<0.16	7.2	<0.15	<0.23	12	1.4	20.6
0574-2	<0.16	14	0.22J	<0.23	20	1.2	35.42
0574-3	<0.16	0.41J	<0.15	<0.23	1	<0.22	1.41
0575-1	<0.16	<0.15	<0.15	<0.23	<0.1	1.8	1.8
0575-2	<0.16	<0.15	<0.15	<0.23	1.2	0.67J	1.87

Notes:

^a "<" values are method detection limits.

Abbreviations:

B = analyte present in associated method blank

H = missed holding time

J = estimated value

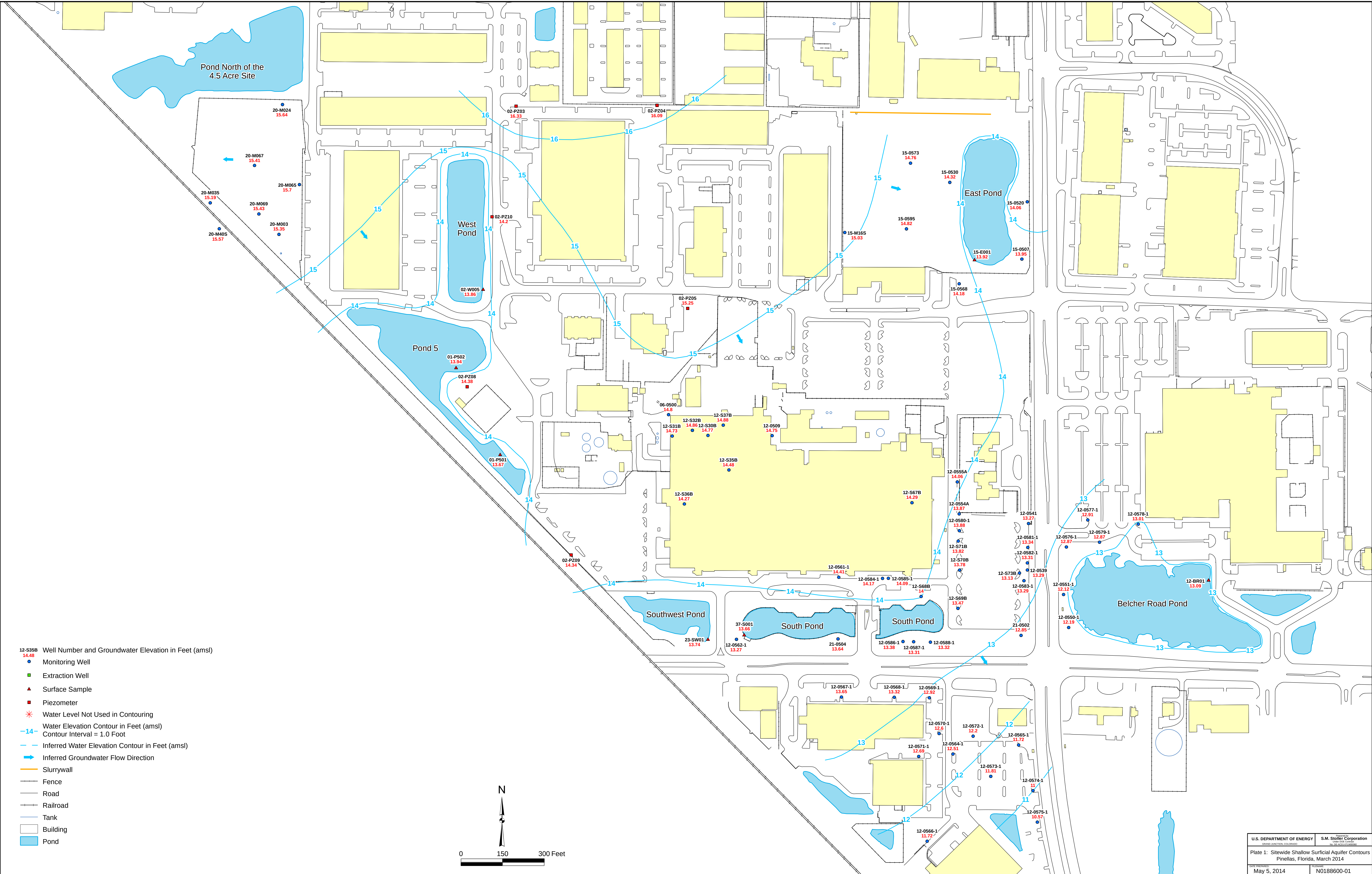
ND = not detected

Table 7. Sum of COPCs for Each Plume Stability Monitoring Cross Section (µg/L)

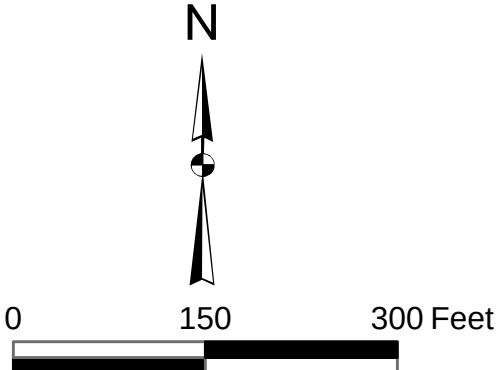
Wells	Sum of COPCs March 2013	Sum of COPCs September 2013	Sum of COPCs March 2014
E1 to E2 Cross Section			
0555	1.5	1.8	1.8
0554	187	184	197
0580	406	432	371
S71	213	256	209
S70	151	113	119
S69	0.3	1.9	2.4
E3 to E4 Cross Section			
541/542/549	0.4	6.9	7.4
0581	12	59	53
0582	319	468	286
539/540	513	606	516
S73	409	157	191
0583	18	20	33
E5 to E6 Cross Section			
S67	500	560	586
0580	406	432	371
0582	319	468	286
0576	118	108	68
0578	0	0	1.9
S1 to E2 Cross Section			
0561	0	0	0.8
0584	1.4	6.6	13
0585	4,940	9,472	9,284
524/525	1,194	1,089	1,123
S68	70	168	132
S69	0.3	1.9	2.4
S2 to S3 Cross Section			
0586	8	20	24
0587	763	3,325	5,266
0588	37	25	19
S4 to S5 Cross Section			
0585	4,940	9,472	9,284
0587	763	3,325	5,266
0569	99	85	90
0572	254	283	257
0574	56	81	57
0575	1.9	2.4	3.7

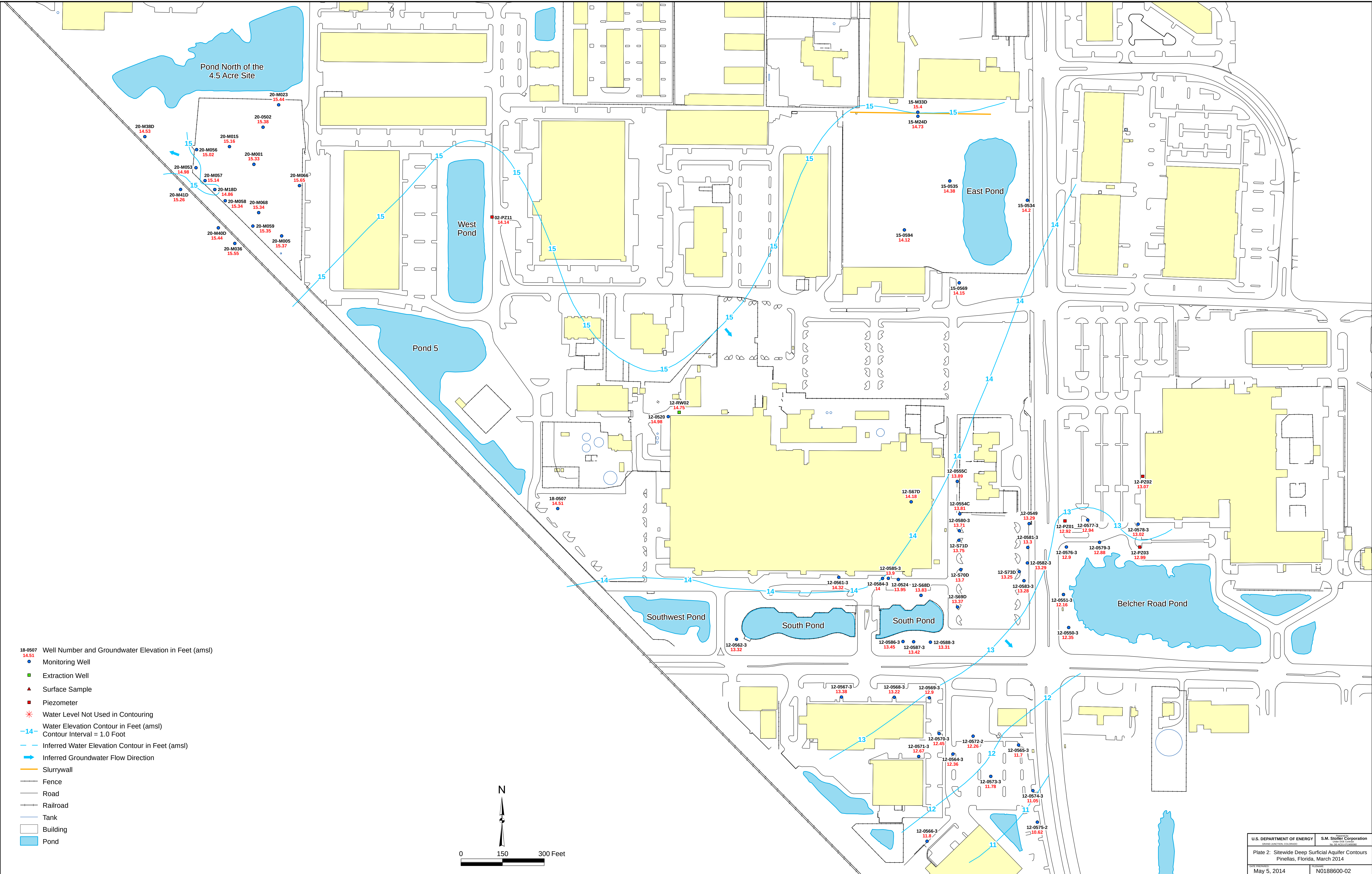
*Table 8. Area Under the Curve Values for Each Plume Stability Monitoring Cross Section
(The area under the curve values are dimensionless.)*

Cross Section	March 2013	September 2013	March 2014
E1-E2	956	987	898
E3-E4	1,262	1,303	1,066
E5-E6	1,092	1,289	1,019
S1-E2	6,206	10,736	10,554
S2-S3	786	3,347	5,288
S4-S5	3,643	8,510	10,314

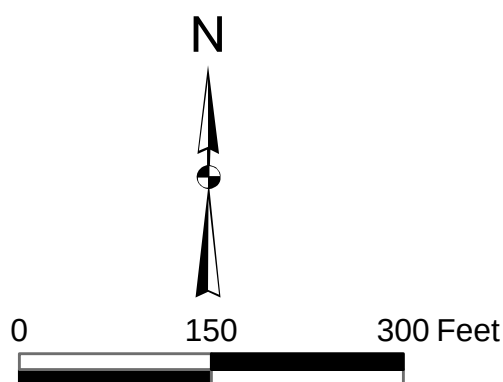


- 12-S35B Well Number and Groundwater Elevation in Feet (amsl)
14.48
- Monitoring Well
 - Extraction Well
 - Surface Sample
 - Piezometer
 - Water Level Not Used in Contouring
 - Water Elevation Contour in Feet (amsl)
Contour Interval = 1.0 Foot
 - Inferred Water Elevation Contour in Feet (amsl)
 - Inferred Groundwater Flow Direction
 - Slurrywall
 - Fence
 - Road
 - Railroad
 - Tank
 - Building
 - Pond





- 18-0507 Well Number and Groundwater Elevation in Feet (amsl)
14.51
- Monitoring Well
- Extraction Well
- Surface Sample
- Piezometer
- Water Level Not Used in Contouring
- 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



Appendix A

Laboratory Reports

March 2014 Semiannual Monitoring

ANALYTICAL REPORT

Job Number: 280-52886-1

SDG Number: 14025946

Job Description: PINELLAS MONITORING

For:

S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
DiLea R Griego
Project Manager I
3/28/2014 10:32 AM

DiLea R Griego, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0173
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03/28/2014

The test results in this report relate only to the samples in this report and meet all requirements of NELAP, 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.

TestAmerica Laboratories, Inc.

TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com



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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 14025946

Report Number: 280-52886-1

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 3/8/2014 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.8° C and 3.7° C.

GC/MS VOLATILES - SW846 8260B

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

Methylene Chloride, a common laboratory contaminant, was detected in the method blanks associated with batches 280-216394 and 280-216608, respectively, at levels that were above the method detection limit but below the reporting limit. The values should be considered estimate, and have been flagged "J". If the associated samples reported a result above the MDL and/or RL, the result has been "B" flagged.

Bromodichloromethane and Methylene Chloride exceeded the RPD limit in the MS/MSD associated with batch 280-216579. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

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

In some cases, due to high constituent concentration, sample PIN12-S67C (MDR 478) had to be analyzed using reduced aliquot size. The reporting limits have been elevated accordingly.

Due to the nature of the sample matrix, a reduced aliquot size had to be used for the analysis of sample PIN12-S35B (MDR 518). The nominal aliquot produced a high internal response. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

The internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 and Chlorobenzene-d5 in sample PIN12-S67C (MDR 478) was outside acceptance criteria. The ISTDs are not associated with the requested target compound; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

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.
	F2	MS/MSD RPD exceeds control limits
	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: 280-52886-1

Sdg Number: 14025946

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-52886-1	PIN12-0565-1	Water	03/05/2014 1455	03/08/2014 1000
280-52886-1MS	PIN12-0565-1	Water	03/05/2014 1455	03/08/2014 1000
280-52886-1MSD	PIN12-0565-1	Water	03/05/2014 1455	03/08/2014 1000
280-52886-2	PIN12-0565-2	Water	03/05/2014 1525	03/08/2014 1000
280-52886-2MS	PIN12-0565-2	Water	03/05/2014 1525	03/08/2014 1000
280-52886-2MSD	PIN12-0565-2	Water	03/05/2014 1525	03/08/2014 1000
280-52886-3	PIN12-0565-3	Water	03/05/2014 1600	03/08/2014 1000
280-52886-4	PIN12-0573-1	Water	03/05/2014 1325	03/08/2014 1000
280-52886-5	PIN12-0573-2	Water	03/05/2014 1355	03/08/2014 1000
280-52886-6	PIN12-0573-3	Water	03/05/2014 1420	03/08/2014 1000
280-52886-7	PIN12-0574-1	Water	03/05/2014 0958	03/08/2014 1000
280-52886-8	PIN12-0574-2	Water	03/05/2014 1030	03/08/2014 1000
280-52886-9	PIN12-0574-3	Water	03/05/2014 1100	03/08/2014 1000
280-52886-10	PIN12-0575-1	Water	03/05/2014 0855	03/08/2014 1000
280-52886-11	PIN12-0575-2	Water	03/05/2014 0920	03/08/2014 1000
280-52886-12	PIN99-2574	Water	03/05/2014 0800	03/08/2014 1000
280-52886-13	PIN12-S30B	Water	03/06/2014 1032	03/08/2014 1000
280-52886-14	PIN12-S33C	Water	03/06/2014 0844	03/08/2014 1000
280-52886-15	PIN12-S35B	Water	03/06/2014 0950	03/08/2014 1000
280-52886-16	PIN12-S67B	Water	03/06/2014 1318	03/08/2014 1000
280-52886-17	PIN12-0554A	Water	03/06/2014 1440	03/08/2014 1000
280-52886-18	PIN12-0554B	Water	03/06/2014 1515	03/08/2014 1000
280-52886-19	PIN12-0555A	Water	03/06/2014 0830	03/08/2014 1000
280-52886-20	PIN12-0555B	Water	03/06/2014 0905	03/08/2014 1000
280-52886-21	PIN12-0555C	Water	03/06/2014 1400	03/08/2014 1000
280-52886-22	PIN99-2580	Water	03/06/2014 0800	03/08/2014 1000
280-52886-23	PIN12-S67C	Water	03/06/2014 1347	03/08/2014 1000
280-52886-24	PIN12-S67D	Water	03/06/2014 1423	03/08/2014 1000

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52886-2 cis-1,2-Dichloroethene Vinyl chloride	PIN12-0565-2	0.37 0.21	J J	1.0 1.0	ug/L ug/L	8260B 8260B
280-52886-3 cis-1,2-Dichloroethene Vinyl chloride	PIN12-0565-3	0.46 0.17	J J	1.0 1.0	ug/L ug/L	8260B 8260B
280-52886-5 Acetone	PIN12-0573-2	2.0	J	10	ug/L	8260B
280-52886-6 Acetone 1,4-Dioxane	PIN12-0573-3	2.3 0.35	J J	10 1.0	ug/L ug/L	8260B 8260B SIM
280-52886-7 Acetone cis-1,2-Dichloroethene Vinyl chloride 1,4-Dioxane	PIN12-0574-1	2.8 7.2 12 1.4	J	10 1.0 1.0 1.0	ug/L ug/L ug/L ug/L	8260B 8260B 8260B 8260B SIM
280-52886-8 Acetone cis-1,2-Dichloroethene trans-1,2-Dichloroethene Vinyl chloride 1,4-Dioxane	PIN12-0574-2	3.8 14 0.22 20 1.2	J J	10 1.0 1.0 1.0 1.0	ug/L ug/L ug/L ug/L ug/L	8260B 8260B 8260B 8260B 8260B SIM
280-52886-9 cis-1,2-Dichloroethene Vinyl chloride	PIN12-0574-3	0.41 1.0	J	1.0 1.0	ug/L ug/L	8260B 8260B
280-52886-10 1,4-Dioxane	PIN12-0575-1	1.8		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52886-11	PIN12-0575-2					
Acetone		8.5	J	10	ug/L	8260B
Vinyl chloride		1.2		1.0	ug/L	8260B
1,4-Dioxane		0.67	J	1.0	ug/L	8260B SIM
280-52886-12	PIN99-2574					
Methylene Chloride		1.2	B	1.0	ug/L	8260B
280-52886-13	PIN12-S30B					
1,1-Dichloroethane		0.75	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		34		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.9		1.0	ug/L	8260B
1,1-Dichloroethene		0.35	J	1.0	ug/L	8260B
Trichloroethene		15		1.0	ug/L	8260B
Vinyl chloride		4.7		1.0	ug/L	8260B
1,4-Dioxane		1.0		1.0	ug/L	8260B SIM
280-52886-14	PIN12-S33C					
cis-1,2-Dichloroethene		1000		50	ug/L	8260B
trans-1,2-Dichloroethene		61		5.0	ug/L	8260B
1,1-Dichloroethene		33		5.0	ug/L	8260B
Methylene Chloride		2.3	J B	5.0	ug/L	8260B
Trichloroethene		210		5.0	ug/L	8260B
Vinyl chloride		180		5.0	ug/L	8260B
280-52886-15	PIN12-S35B					
cis-1,2-Dichloroethene		44000		2000	ug/L	8260B
trans-1,2-Dichloroethene		5900		250	ug/L	8260B
1,1-Dichloroethene		860		250	ug/L	8260B
Methylene Chloride		120	J B	250	ug/L	8260B
Trichloroethene		6400		250	ug/L	8260B
Vinyl chloride		11000		250	ug/L	8260B
280-52886-16	PIN12-S67B					
1,1-Dichloroethane		29		1.0	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.0		1.0	ug/L	8260B
Vinyl chloride		230		10	ug/L	8260B
1,4-Dioxane		84		20	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Lab Sample ID	Client Sample ID	Analyte	Result	Qualifier	Reporting Limit	Units	Method
280-52886-21	PIN12-0555C						
		cis-1,2-Dichloroethene	1.0		1.0	ug/L	8260B
		trans-1,2-Dichloroethene	0.44	J	1.0	ug/L	8260B
		1,4-Dioxane	0.35	J	1.0	ug/L	8260B SIM
280-52886-23	PIN12-S67C						
		1,1-Dichloroethane	11		1.0	ug/L	8260B
		cis-1,2-Dichloroethene	57		1.0	ug/L	8260B
		trans-1,2-Dichloroethene	10		1.0	ug/L	8260B
		1,1-Dichloroethene	0.61	J	1.0	ug/L	8260B
		Vinyl chloride	120		4.0	ug/L	8260B
		1,4-Dioxane	49		4.0	ug/L	8260B SIM
280-52886-24	PIN12-S67D						
		1,1-Dichloroethane	0.87	J	1.0	ug/L	8260B
		cis-1,2-Dichloroethene	6.1		1.0	ug/L	8260B
		trans-1,2-Dichloroethene	2.1		1.0	ug/L	8260B
		Vinyl chloride	10		1.0	ug/L	8260B
		1,4-Dioxane	1.5		1.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

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: 280-52886-1

Sdg Number: 14025946

Method	Analyst	Analyst ID
SW846 8260B	Contreras, Evan	EC
SW846 8260B	Dukes, Aaron D	ADD
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-52886-1

Date Sampled: 03/05/2014 1455

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8333.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 1857			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 1857				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-52886-1

Date Sampled: 03/05/2014 1455

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8333.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 1857			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 1857				

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)	100		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-52886-2

Date Sampled: 03/05/2014 1525

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8337.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2018			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2018				

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	0.37	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-52886-2

Date Sampled: 03/05/2014 1525

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8337.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2018			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2018				

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	0.21	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)	115		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-52886-3

Date Sampled: 03/05/2014 1600

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8338.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2038			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2038				

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	0.46	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-52886-3

Date Sampled: 03/05/2014 1600

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8338.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2038			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2038				

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	0.17	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)	108		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-52886-4

Date Sampled: 03/05/2014 1325

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8339.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2059			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2059				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-52886-4

Date Sampled: 03/05/2014 1325

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8339.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2059			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2059				

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)	111		70 - 127
Toluene-d8 (Surr)	108		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-52886-5

Date Sampled: 03/05/2014 1355

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8340.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2119			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2119				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-52886-5

Date Sampled: 03/05/2014 1355

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8340.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2119			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2119				

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)	94		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-52886-6

Date Sampled: 03/05/2014 1420

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8341.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2139			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-52886-6

Date Sampled: 03/05/2014 1420

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8341.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2139			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2139				

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)	119		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-52886-7

Date Sampled: 03/05/2014 0958

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8342.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2159			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2159				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	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	7.2		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-52886-7

Date Sampled: 03/05/2014 0958

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8342.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2159			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2159				

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	12		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)	96		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-52886-8

Date Sampled: 03/05/2014 1030

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8343.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2219			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2219				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	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	14		0.15	1.0
trans-1,2-Dichloroethene	0.22	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-52886-8

Date Sampled: 03/05/2014 1030

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8343.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2219			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2219				

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	20		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)	102		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-52886-9

Date Sampled: 03/05/2014 1100

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8344.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2240			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2240				

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	0.41	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-52886-9

Date Sampled: 03/05/2014 1100

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8344.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2240			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2240				

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)	110		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-52886-10

Date Sampled: 03/05/2014 0855

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8345.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2300			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2300				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-52886-10

Date Sampled: 03/05/2014 0855

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8345.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2300			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2300				

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)	103		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-52886-11

Date Sampled: 03/05/2014 0920

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8346.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2320			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2320				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.5	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	0.22	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-52886-11

Date Sampled: 03/05/2014 0920

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8346.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2320			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2320				

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)	105		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	116		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN99-2574

Lab Sample ID: 280-52886-12

Date Sampled: 03/05/2014 0800

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8347.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2340			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2340				

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	1.2	B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN99-2574

Lab Sample ID: 280-52886-12

Date Sampled: 03/05/2014 0800

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8347.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2340			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2340				

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)	106		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S30B

Lab Sample ID: 280-52886-13

Date Sampled: 03/06/2014 1032

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8348.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0000			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0000				

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	0.75	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	34		0.15	1.0
trans-1,2-Dichloroethene	3.9		0.15	1.0
1,1-Dichloroethene	0.35	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S30B

Lab Sample ID: 280-52886-13

Date Sampled: 03/06/2014 1032

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8348.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0000			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0000				

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	15		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	4.7		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)	103		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S33C

Lab Sample ID: 280-52886-14

Date Sampled: 03/06/2014 0844

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8349.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/12/2014 0021			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0021				

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
trans-1,2-Dichloroethene	61		0.75	5.0
1,1-Dichloroethene	33		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	2.3	J B	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
Styrene	0.85	U	0.85	5.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S33C

Lab Sample ID: 280-52886-14

Date Sampled: 03/06/2014 0844

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8349.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/12/2014 0021			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
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	210		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	180		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)	116		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S33C

Lab Sample ID: 280-52886-14

Date Sampled: 03/06/2014 0844

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8350.D
Dilution:	1.0			Initial Weight/Volume:	0.4 mL
Analysis Date:	03/12/2014 0041	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0041				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	1000		7.5	50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-52886-15

Date Sampled: 03/06/2014 0950

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8351.D
Dilution:	1.0			Initial Weight/Volume:	0.08 mL
Analysis Date:	03/12/2014 0101			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0101				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	480	U	480	2500
Benzene	40	U	40	250
Bromobenzene	43	U	43	250
Bromochloromethane	25	U	25	250
Bromodichloromethane	43	U	43	250
Bromoform	48	U	48	250
Bromomethane	53	U	53	250
2-Butanone (MEK)	500	U	500	1300
n-Butylbenzene	80	U	80	250
sec-Butylbenzene	43	U	43	250
tert-Butylbenzene	40	U	40	250
Carbon disulfide	110	U	110	250
Carbon tetrachloride	48	U	48	250
Chlorobenzene	43	U	43	250
Dibromochloromethane	43	U	43	250
Chloroethane	100	U	100	250
Chloroform	40	U	40	250
Chloromethane	75	U	75	250
2-Chlorotoluene	43	U	43	250
4-Chlorotoluene	53	U	53	250
1,2-Dibromo-3-Chloropropane	120	U	120	250
Dibromomethane	43	U	43	250
1,2-Dichlorobenzene	38	U	38	250
1,3-Dichlorobenzene	33	U	33	250
1,4-Dichlorobenzene	40	U	40	250
Dichlorodifluoromethane	78	U	78	250
1,1-Dichloroethane	55	U	55	250
1,2-Dichloroethane	33	U	33	250
trans-1,2-Dichloroethene	5900		38	250
1,1-Dichloroethene	860		58	250
1,2-Dichloropropane	45	U	45	250
1,3-Dichloropropane	55	U	55	250
2,2-Dichloropropane	45	U	45	250
cis-1,3-Dichloropropene	40	U	40	250
trans-1,3-Dichloropropene	48	U	48	250
1,1-Dichloropropene	48	U	48	250
Ethylbenzene	40	U	40	250
Hexachlorobutadiene	90	U	90	250
2-Hexanone	430	U	430	1300
Isopropylbenzene	48	U	48	250
4-Isopropyltoluene	50	U	50	250
Methylene Chloride	120	J B	80	250
4-Methyl-2-pentanone	250	U	250	1300
Naphthalene	55	U	55	250
n-Propylbenzene	40	U	40	250
Styrene	43	U	43	250

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-52886-15

Date Sampled: 03/06/2014 0950

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8351.D
Dilution:	1.0			Initial Weight/Volume:	0.08 mL
Analysis Date:	03/12/2014 0101			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0101				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	53	U	53	250
1,1,2,2-Tetrachloroethane	53	U	53	250
Tetrachloroethene	50	U	50	250
Toluene	43	U	43	250
1,2,3-Trichlorobenzene	53	U	53	250
1,2,4-Trichlorobenzene	53	U	53	250
1,1,1-Trichloroethane	40	U	40	250
1,1,2-Trichloroethane	68	U	68	250
Trichloroethene	6400		40	250
Trichlorofluoromethane	73	U	73	250
1,2,3-Trichloropropane	83	U	83	250
1,2,4-Trimethylbenzene	38	U	38	250
1,3,5-Trimethylbenzene	40	U	40	250
Vinyl chloride	11000		25	250
Xylenes, Total	48	U	48	250
1,2-Dibromoethane	45	U	45	250

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-52886-15

Date Sampled: 03/06/2014 0950

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8352.D
Dilution:	1.0			Initial Weight/Volume:	0.01 mL
Analysis Date:	03/12/2014 0121	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0121				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	44000		300	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67B

Lab Sample ID: 280-52886-16

Date Sampled: 03/06/2014 1318

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216579	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8391.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 2030			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 2030				

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	29		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	3.0		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67B

Lab Sample ID: 280-52886-16

Date Sampled: 03/06/2014 1318

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216579	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8391.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 2030			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 2030				

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)	102		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67B

Lab Sample ID: 280-52886-16

Date Sampled: 03/06/2014 1318

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216579	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8392.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/12/2014 2051	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 2051				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	230		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0554A

Lab Sample ID: 280-52886-17

Date Sampled: 03/06/2014 1440

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0201			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0201				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0554A

Lab Sample ID: 280-52886-17

Date Sampled: 03/06/2014 1440

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0201			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0201				

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)	107		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0554B

Lab Sample ID: 280-52886-18

Date Sampled: 03/06/2014 1515

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8355.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0221			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0221				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0554B

Lab Sample ID: 280-52886-18

Date Sampled: 03/06/2014 1515

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8355.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0221			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0221				

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)	112		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-52886-19

Client Matrix: Water

Date Sampled: 03/06/2014 0830

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-216394	Instrument ID: VMS_G2
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G2_8356.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2014 0241		Final Weight/Volume: 20 mL
Prep Date: 03/12/2014 0241		

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-52886-19

Date Sampled: 03/06/2014 0830

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8356.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0241			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0241				

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)	116		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-52886-20

Date Sampled: 03/06/2014 0905

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8357.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0301			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0301				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-52886-20

Date Sampled: 03/06/2014 0905

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G2_8357.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0301			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0301				

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)	106		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-52886-21

Date Sampled: 03/06/2014 1400

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3232.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0333			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 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	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.0		0.15	1.0
trans-1,2-Dichloroethene	0.44	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-52886-21

Date Sampled: 03/06/2014 1400

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3232.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0333			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 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
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)	102		80 - 125
4-Bromofluorobenzene (Surr)	109		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN99-2580

Lab Sample ID: 280-52886-22

Date Sampled: 03/06/2014 0800

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3233.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0354			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0354				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN99-2580

Lab Sample ID: 280-52886-22

Date Sampled: 03/06/2014 0800

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3233.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0354			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0354				

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)	107		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67C

Lab Sample ID: 280-52886-23

Date Sampled: 03/06/2014 1347

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3234.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0416			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0416				

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	57		0.15	1.0
trans-1,2-Dichloroethene	10		0.15	1.0
1,1-Dichloroethene	0.61	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67C

Lab Sample ID: 280-52886-23

Date Sampled: 03/06/2014 1347

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3234.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0416			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0416				

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)	106		70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67C

Lab Sample ID: 280-52886-23

Date Sampled: 03/06/2014 1347

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216608	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3269.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/12/2014 2121	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 2121				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	120		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67D

Lab Sample ID: 280-52886-24

Client Matrix: Water

Date Sampled: 03/06/2014 1423

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3235.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0437			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0437				

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	0.87	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.1		0.15	1.0
trans-1,2-Dichloroethene	2.1		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67D

Lab Sample ID: 280-52886-24

Date Sampled: 03/06/2014 1423

Client Matrix: Water

Date Received: 03/08/2014 1000

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3235.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 0437			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 0437				

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	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)	102		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-52886-1

Date Sampled: 03/05/2014 1455

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1468.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1253			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1253				

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)	89		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-52886-2

Date Sampled: 03/05/2014 1525

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1467.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1234			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1234				

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)	88		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-52886-3

Date Sampled: 03/05/2014 1600

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1478.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1554			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1554				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-52886-4

Date Sampled: 03/05/2014 1325

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1479.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1612			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1612				

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)	92		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-52886-5

Date Sampled: 03/05/2014 1355

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1480.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1740			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1740				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-52886-6

Date Sampled: 03/05/2014 1420

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1481.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1758			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1758				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.35	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-52886-7

Date Sampled: 03/05/2014 0958

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1482.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1816			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1816				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.4		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-52886-8

Date Sampled: 03/05/2014 1030

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1483.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1834			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1834				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.2		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-52886-9

Date Sampled: 03/05/2014 1100

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1484.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1852			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1852				

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)	85		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-52886-10

Date Sampled: 03/05/2014 0855

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1485.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1910			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1910				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.8		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-52886-11

Date Sampled: 03/05/2014 0920

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1486.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1928			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.67	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S30B

Lab Sample ID: 280-52886-13

Date Sampled: 03/06/2014 1032

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1554.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1357			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1357				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S33C

Lab Sample ID: 280-52886-14

Date Sampled: 03/06/2014 0844

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1555.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1415			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1415				

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)	106		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-52886-15

Date Sampled: 03/06/2014 0950

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1558.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1509			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1509				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.28	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-52886-15

Date Sampled: 03/06/2014 0950

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1594.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2014 1323			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1323				

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)	100		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67B

Lab Sample ID: 280-52886-16

Date Sampled: 03/06/2014 1318

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1559.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/17/2014 1527			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	84		4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0554A

Lab Sample ID: 280-52886-17

Date Sampled: 03/06/2014 1440

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1560.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1545			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1545				

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)	90		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0554B

Lab Sample ID: 280-52886-18

Date Sampled: 03/06/2014 1515

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1561.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1603			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1603				

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)	93		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-52886-19

Date Sampled: 03/06/2014 0830

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1562.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1621			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1621				

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)	88		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-52886-20

Date Sampled: 03/06/2014 0905

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1563.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1639			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1639				

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)	86		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-52886-21

Date Sampled: 03/06/2014 1400

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1564.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1658			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1658				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.35	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67C

Lab Sample ID: 280-52886-23

Date Sampled: 03/06/2014 1347

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1597.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/18/2014 1418			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1418				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	49		0.88	4.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Client Sample ID: PIN12-S67D

Lab Sample ID: 280-52886-24

Date Sampled: 03/06/2014 1423

Client Matrix: Water

Date Received: 03/08/2014 1000

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1598.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1436			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1436				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

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
280-52886-1	PIN12-0565-1	98	100	97	92
280-52886-2	PIN12-0565-2	109	115	104	100
280-52886-3	PIN12-0565-3	103	108	97	93
280-52886-4	PIN12-0573-1	110	111	108	100
280-52886-5	PIN12-0573-2	100	107	94	89
280-52886-6	PIN12-0573-3	111	119	102	98
280-52886-7	PIN12-0574-1	102	110	96	91
280-52886-8	PIN12-0574-2	112	117	102	97
280-52886-9	PIN12-0574-3	103	110	95	91
280-52886-10	PIN12-0575-1	112	120	103	98
280-52886-11	PIN12-0575-2	116	127	105	103
280-52886-12	PIN99-2574	112	118	106	100
280-52886-13	PIN12-S30B	111	121	103	100
280-52886-14	PIN12-S33C	111	116	103	96
280-52886-14 DL	PIN12-S33C DL	102	109	96	92
280-52886-15	PIN12-S35B	114	121	106	101
280-52886-15 DL	PIN12-S35B DL	105	111	96	93
280-52886-16	PIN12-S67B	102	102	94	89
280-52886-16 DL	PIN12-S67B DL	111	111	104	98
280-52886-17	PIN12-0554A	117	127	107	102
280-52886-18	PIN12-0554B	101	112	94	91
280-52886-19	PIN12-0555A	110	116	103	98
280-52886-20	PIN12-0555B	99	106	94	90
280-52886-21	PIN12-0555C	117	107	102	109
280-52886-22	PIN99-2580	110	103	107	112
280-52886-23	PIN12-S67C	117	106	105	103
280-52886-23 DL	PIN12-S67C DL	104	99	92	87
280-52886-24	PIN12-S67D	110	102	99	100
MB 280-216394/7		117	121	114	106

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

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 280-216421/5		105	97	107	112
MB 280-216579/6		100	104	96	90
MB 280-216608/5		108	105	94	88
LCS 280-216394/6		105	111	102	96
LCS 280-216421/4		104	97	105	118
LCS 280-216579/4		100	104	95	90
LCS 280-216608/4		100	100	91	82
LCSD 280-216579/5		113	115	106	101
LCSD 280-216608/10		97	96	84	78
280-52886-1 MS	PIN12-0565-1 MS	102	109	95	91
280-52886-23 MS	PIN12-S67C MS	102	102	90	83
280-52890-B-1 MS		95	92	94	109
280-52860-R-5 MS		101	102	95	89
280-52886-1 MSD	PIN12-0565-1 MSD	108	115	101	97
280-52886-23 MSD	PIN12-S67C MSD	107	105	94	87
280-52890-B-1 MSD		99	93	97	111
280-52860-R-5 MSD		113	116	104	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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-52886-1	PIN12-0565-1	89
280-52886-2	PIN12-0565-2	88
280-52886-3	PIN12-0565-3	99
280-52886-4	PIN12-0573-1	92
280-52886-5	PIN12-0573-2	99
280-52886-6	PIN12-0573-3	97
280-52886-7	PIN12-0574-1	94
280-52886-8	PIN12-0574-2	95
280-52886-9	PIN12-0574-3	85
280-52886-10	PIN12-0575-1	96
280-52886-11	PIN12-0575-2	100
280-52886-13	PIN12-S30B	87
280-52886-14	PIN12-S33C	106
280-52886-15	PIN12-S35B	95
280-52886-15	PIN12-S35B	100
280-52886-16	PIN12-S67B	85
280-52886-17	PIN12-0554A	90
280-52886-18	PIN12-0554B	93
280-52886-19	PIN12-0555A	88
280-52886-20	PIN12-0555B	86
280-52886-21	PIN12-0555C	95
280-52886-23	PIN12-S67C	100
280-52886-24	PIN12-S67D	98
MB 280-216808/18		89
MB 280-217094/5		104
MB 280-217187/9		91
LCS 280-216808/13		102
LCS 280-217094/3		100
LCS 280-217187/3		101

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCSD 280-216808/14		98
LCSD 280-217094/4		96
LCSD 280-217187/4		106
280-52886-2 MS	PIN12-0565-2 MS	87
280-52986-B-1 MS		98
280-52986-C-15 MS		95
280-52886-2 MSD	PIN12-0565-2 MSD	92
280-52986-B-1 MSD		110
280-52986-C-15 MSD		107

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216394

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216394/7
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 1917
 Prep Date: 03/11/2014 1917
 Leach Date: N/A

Analysis Batch: 280-216394
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_8334.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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	0.585	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216394

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216394/7
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 1917
 Prep Date: 03/11/2014 1917
 Leach Date: N/A

Analysis Batch: 280-216394
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_8334.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	121	70 - 127
Toluene-d8 (Surr)	114	80 - 125
4-Bromofluorobenzene (Surr)	106	78 - 120
Dibromofluoromethane (Surr)	117	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-216394

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-216394/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 1817
 Prep Date: 03/11/2014 1817
 Leach Date: N/A

Analysis Batch: 280-216394
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_8331.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.56	91	74 - 135	
Bromodichloromethane	5.00	4.87	97	73 - 135	
Carbon tetrachloride	5.00	5.54	111	67 - 135	
Chlorobenzene	5.00	4.61	92	76 - 135	
Chloroform	5.00	4.87	97	76 - 120	
1,3-Dichlorobenzene	5.00	4.59	92	74 - 135	
1,1-Dichloroethane	5.00	4.75	95	75 - 135	
trans-1,2-Dichloroethene	5.00	4.72	94	75 - 135	
1,1-Dichloroethene	5.00	4.66	93	71 - 136	
1,2-Dichloropropane	5.00	4.48	90	71 - 120	
Ethylbenzene	5.00	4.65	93	72 - 120	
Methylene Chloride	5.00	4.83	97	54 - 141	
Tetrachloroethene	5.00	4.97	99	70 - 135	
Toluene	5.00	4.84	97	73 - 120	
1,1,1-Trichloroethane	5.00	5.22	104	70 - 135	
Trichloroethene	5.00	4.87	97	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	111		70 - 127		
Toluene-d8 (Surr)	102		80 - 125		
4-Bromofluorobenzene (Surr)	96		78 - 120		
Dibromofluoromethane (Surr)	105		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216394**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-52886-1	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_8335.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 1938			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 1938				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-52886-1	Analysis Batch:	280-216394	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_8336.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 1958			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 1958				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	93	101	74 - 135	8	20		
Bromodichloromethane	99	110	73 - 135	10	20		
Carbon tetrachloride	115	125	67 - 135	9	21		
Chlorobenzene	92	101	76 - 135	9	20		
Chloroform	99	109	76 - 120	9	20		
1,3-Dichlorobenzene	92	100	74 - 135	9	20		
1,1-Dichloroethane	96	105	75 - 135	9	21		
trans-1,2-Dichloroethene	95	104	75 - 135	9	24		
1,1-Dichloroethene	94	103	71 - 136	9	20		
1,2-Dichloropropane	90	99	71 - 120	9	20		
Ethylbenzene	92	101	72 - 120	9	26		
Methylene Chloride	90	100	54 - 141	10	20		
Tetrachloroethene	98	108	70 - 135	10	20		
Toluene	98	107	73 - 120	9	20		
1,1,1-Trichloroethane	108	117	70 - 135	8	20		
Trichloroethene	99	108	73 - 135	9	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	109		115	70 - 127			
Toluene-d8 (Surr)	95		101	80 - 125			
4-Bromofluorobenzene (Surr)	91		97	78 - 120			
Dibromofluoromethane (Surr)	102		108	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-216394

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-52886-1 Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 1938
 Prep Date: 03/11/2014 1938
 Leach Date: N/A

MSD Lab Sample ID: 280-52886-1
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 1958
 Prep Date: 03/11/2014 1958
 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	4.65	5.05
Bromodichloromethane	0.17	U	5.00	5.00	4.97	5.49
Carbon tetrachloride	0.19	U	5.00	5.00	5.73	6.24
Chlorobenzene	0.17	U	5.00	5.00	4.61	5.05
Chloroform	0.16	U	5.00	5.00	4.95	5.44
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.59	5.01
1,1-Dichloroethane	0.22	U	5.00	5.00	4.82	5.25
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.75	5.21
1,1-Dichloroethene	0.23	U	5.00	5.00	4.72	5.15
1,2-Dichloropropane	0.18	U	5.00	5.00	4.52	4.96
Ethylbenzene	0.16	U	5.00	5.00	4.62	5.04
Methylene Chloride	0.32	U	5.00	5.00	4.52	4.98
Tetrachloroethene	0.20	U	5.00	5.00	4.88	5.40
Toluene	0.17	U	5.00	5.00	4.88	5.36
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.38	5.85
Trichloroethene	0.16	U	5.00	5.00	4.96	5.41

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216421

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216421/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 2151
 Prep Date: 03/11/2014 2151
 Leach Date: N/A

Analysis Batch: 280-216421
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3216.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216421

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216421/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 2151
 Prep Date: 03/11/2014 2151
 Leach Date: N/A

Analysis Batch: 280-216421
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3216.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	97	70 - 127
Toluene-d8 (Surr)	107	80 - 125
4-Bromofluorobenzene (Surr)	112	78 - 120
Dibromofluoromethane (Surr)	105	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-216421

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-216421/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 2212
 Prep Date: 03/11/2014 2212
 Leach Date: N/A

Analysis Batch: 280-216421
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3217.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.00	100	74 - 135	
Bromodichloromethane	5.00	4.46	89	73 - 135	
Carbon tetrachloride	5.00	4.62	92	67 - 135	
Chlorobenzene	5.00	4.52	90	76 - 135	
Chloroform	5.00	4.28	86	76 - 120	
1,3-Dichlorobenzene	5.00	5.01	100	74 - 135	
1,1-Dichloroethane	5.00	4.24	85	75 - 135	
trans-1,2-Dichloroethene	5.00	4.74	95	75 - 135	
1,1-Dichloroethene	5.00	4.88	98	71 - 136	
1,2-Dichloropropane	5.00	4.54	91	71 - 120	
Ethylbenzene	5.00	5.00	100	72 - 120	
Methylene Chloride	5.00	3.72	74	54 - 141	
Tetrachloroethene	5.00	4.94	99	70 - 135	
Toluene	5.00	5.93	119	73 - 120	
1,1,1-Trichloroethane	5.00	4.56	91	70 - 135	
Trichloroethene	5.00	5.37	107	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	97		70 - 127		
Toluene-d8 (Surr)	105		80 - 125		
4-Bromofluorobenzene (Surr)	118		78 - 120		
Dibromofluoromethane (Surr)	104		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216421**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-52890-B-1 MS	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS3220.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2317			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2317				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-52890-B-1 MSD	Analysis Batch:	280-216421	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS3221.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/11/2014 2338			Final Weight/Volume:	20 mL
Prep Date:	03/11/2014 2338				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	92	92	74 - 135	0	20		
Bromodichloromethane	83	84	73 - 135	2	20		
Carbon tetrachloride	72	74	67 - 135	2	21		
Chlorobenzene	84	84	76 - 135	0	20		
Chloroform	80	81	76 - 120	2	20		
1,3-Dichlorobenzene	92	92	74 - 135	1	20		
1,1-Dichloroethane	80	79	75 - 135	2	21		
trans-1,2-Dichloroethene	82	83	75 - 135	2	24		
1,1-Dichloroethene	76	78	71 - 136	2	20		
1,2-Dichloropropane	82	82	71 - 120	0	20		
Ethylbenzene	89	86	72 - 120	4	26		
Methylene Chloride	57	63	54 - 141	9	20		
Tetrachloroethene	83	81	70 - 135	3	20		
Toluene	107	107	73 - 120	0	20		
1,1,1-Trichloroethane	75	77	70 - 135	2	20		
Trichloroethene	88	92	73 - 135	4	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	92		93	70 - 127			
Toluene-d8 (Surr)	94		97	80 - 125			
4-Bromofluorobenzene (Surr)	109		111	78 - 120			
Dibromofluoromethane (Surr)	95		99	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-216421

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-52890-B-1 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 2317
 Prep Date: 03/11/2014 2317
 Leach Date: N/A

MSD Lab Sample ID: 280-52890-B-1 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/11/2014 2338
 Prep Date: 03/11/2014 2338
 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	4.58	4.60
Bromodichloromethane	0.17	U	5.00	5.00	4.14	4.22
Carbon tetrachloride	0.19	U	5.00	5.00	3.62	3.68
Chlorobenzene	0.17	U	5.00	5.00	4.18	4.20
Chloroform	0.16	U	5.00	5.00	3.98	4.04
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.61	4.58
1,1-Dichloroethane	0.22	U	5.00	5.00	4.02	3.95
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.08	4.17
1,1-Dichloroethene	0.23	U	5.00	5.00	3.81	3.89
1,2-Dichloropropane	0.18	U	5.00	5.00	4.08	4.10
Ethylbenzene	0.16	U	5.00	5.00	4.46	4.31
Methylene Chloride	0.32	U	5.00	5.00	2.87	3.13
Tetrachloroethene	0.20	U	5.00	5.00	4.16	4.04
Toluene	0.17	U	5.00	5.00	5.34	5.35
1,1,1-Trichloroethane	0.16	U	5.00	5.00	3.73	3.83
Trichloroethene	0.16	U	5.00	5.00	4.42	4.61

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216579

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216579/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/12/2014 1907
 Prep Date: 03/12/2014 1907
 Leach Date: N/A

Analysis Batch: 280-216579
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_8387.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216579

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216579/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/12/2014 1907
 Prep Date: 03/12/2014 1907
 Leach Date: N/A

Analysis Batch: 280-216579
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G2
 Lab File ID: G2_8387.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	96	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 280-216579

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-216579/4	Analysis Batch:	280-216579	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_8385.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 1826	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 1826				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-216579/5	Analysis Batch:	280-216579	Instrument ID:	VMS_G2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G2_8386.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 1847	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 1847				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	96	104	74 - 135	7	20		
Bromodichloromethane	90	96	73 - 135	7	20		
Carbon tetrachloride	92	100	67 - 135	8	21		
Chlorobenzene	95	102	76 - 135	6	20		
Chloroform	91	98	76 - 120	7	20		
1,3-Dichlorobenzene	98	104	74 - 135	6	20		
1,1-Dichloroethane	98	105	75 - 135	7	21		
trans-1,2-Dichloroethene	99	105	75 - 135	6	24		
1,1-Dichloroethene	97	105	71 - 136	8	20		
1,2-Dichloropropane	98	103	71 - 120	5	20		
Ethylbenzene	98	105	72 - 120	7	26		
Methylene Chloride	99	110	54 - 141	10	20		
Tetrachloroethene	98	106	70 - 135	8	20		
Toluene	99	107	73 - 120	8	20		
1,1,1-Trichloroethane	91	100	70 - 135	9	20		
Trichloroethene	98	105	73 - 135	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	115	70 - 127
Toluene-d8 (Surr)	95	106	80 - 125
4-Bromofluorobenzene (Surr)	90	101	78 - 120
Dibromofluoromethane (Surr)	100	113	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Laboratory Control/

Laboratory Duplicate Data Report - Batch: 280-216579

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID: LCS 280-216579/4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2014 1826
Prep Date: 03/12/2014 1826
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-216579/5
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2014 1847
Prep Date: 03/12/2014 1847
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	4.81	5.18
Bromodichloromethane	5.00	5.00	4.48	4.78
Carbon tetrachloride	5.00	5.00	4.60	4.99
Chlorobenzene	5.00	5.00	4.77	5.08
Chloroform	5.00	5.00	4.56	4.90
1,3-Dichlorobenzene	5.00	5.00	4.90	5.20
1,1-Dichloroethane	5.00	5.00	4.88	5.24
trans-1,2-Dichloroethene	5.00	5.00	4.94	5.27
1,1-Dichloroethene	5.00	5.00	4.84	5.24
1,2-Dichloropropane	5.00	5.00	4.90	5.15
Ethylbenzene	5.00	5.00	4.92	5.27
Methylene Chloride	5.00	5.00	4.94	5.48
Tetrachloroethene	5.00	5.00	4.90	5.30
Toluene	5.00	5.00	4.97	5.36
1,1,1-Trichloroethane	5.00	5.00	4.57	4.99
Trichloroethene	5.00	5.00	4.90	5.25

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216579**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-52860-R-5 MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2014 1950
Prep Date: 03/12/2014 1950
Leach Date: N/A

Analysis Batch: 280-216579
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_G2
Lab File ID: G2_8389.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-52860-R-5 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2014 2010
Prep Date: 03/12/2014 2010
Leach Date: N/A

Analysis Batch: 280-216579
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_G2
Lab File ID: G2_8390.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	85	102	74 - 135	19	20		
Bromodichloromethane	77	97	73 - 135	23	20		F2
Carbon tetrachloride	84	100	67 - 135	17	21		
Chlorobenzene	83	101	76 - 135	19	20		
Chloroform	81	98	76 - 120	19	20		
1,3-Dichlorobenzene	86	103	74 - 135	18	20		
1,1-Dichloroethane	90	108	75 - 135	19	21		
trans-1,2-Dichloroethene	87	104	75 - 135	18	24		
1,1-Dichloroethene	81	101	71 - 136	12	20		
1,2-Dichloropropane	84	103	71 - 120	20	20		
Ethylbenzene	86	104	72 - 120	19	26		
Methylene Chloride	75	99	54 - 141	27	20		F2
Tetrachloroethene	86	103	70 - 135	17	20		
Toluene	88	106	73 - 120	18	20		
1,1,1-Trichloroethane	84	100	70 - 135	17	20		
Trichloroethene	83	104	73 - 135	11	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	102		116		70 - 127		
Toluene-d8 (Surr)	95		104		80 - 125		
4-Bromofluorobenzene (Surr)	89		98		78 - 120		
Dibromofluoromethane (Surr)	101		113		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-216579

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-52860-R-5 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/12/2014 1950
 Prep Date: 03/12/2014 1950
 Leach Date: N/A

MSD Lab Sample ID: 280-52860-R-5 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/12/2014 2010
 Prep Date: 03/12/2014 2010
 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	4.24	5.12	
Bromodichloromethane	0.17	U	5.00	5.00	3.84	4.86	F2
Carbon tetrachloride	0.19	U	5.00	5.00	4.19	4.99	
Chlorobenzene	0.17	U	5.00	5.00	4.17	5.04	
Chloroform	0.16	U	5.00	5.00	4.07	4.91	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.30	5.16	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.48	5.42	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.37	5.22	
1,1-Dichloroethene	3.3		5.00	5.00	7.41	8.39	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.22	5.16	
Ethylbenzene	0.16	U	5.00	5.00	4.31	5.22	
Methylene Chloride	0.32	U	5.00	5.00	3.77	4.97	F2
Tetrachloroethene	0.41	J	5.00	5.00	4.69	5.56	
Toluene	0.17	U	5.00	5.00	4.41	5.31	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.19	5.00	
Trichloroethene	4.5		5.00	5.00	8.69	9.73	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216608

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216608/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/12/2014 2059
 Prep Date: 03/12/2014 2059
 Leach Date: N/A

Analysis Batch: 280-216608
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3268.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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	0.947	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216608

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216608/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/12/2014 2059
 Prep Date: 03/12/2014 2059
 Leach Date: N/A

Analysis Batch: 280-216608
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3268.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	105	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	88	78 - 120
Dibromofluoromethane (Surr)	108	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Lab Control Sample/

Lab Control Sample Duplicate Recovery Report - Batch: 280-216608

Method: 8260B

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-216608/4	Analysis Batch:	280-216608	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3266.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 2014	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 2014				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-216608/10	Analysis Batch:	280-216608	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3267.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2014 2036	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 2036				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	92	88	74 - 135	5	20		
Bromodichloromethane	100	94	73 - 135	6	20		
Carbon tetrachloride	123	118	67 - 135	5	21		
Chlorobenzene	89	85	76 - 135	4	20		
Chloroform	97	96	76 - 120	1	20		
1,3-Dichlorobenzene	87	83	74 - 135	5	20		
1,1-Dichloroethane	90	88	75 - 135	3	21		
trans-1,2-Dichloroethene	97	93	75 - 135	4	24		
1,1-Dichloroethene	90	88	71 - 136	3	20		
1,2-Dichloropropane	85	82	71 - 120	5	20		
Ethylbenzene	89	85	72 - 120	4	26		
Methylene Chloride	105	103	54 - 141	1	20		
Tetrachloroethene	102	95	70 - 135	7	20		
Toluene	103	96	73 - 120	7	20		
1,1,1-Trichloroethane	110	107	70 - 135	3	20		
Trichloroethene	101	93	73 - 135	7	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	96	70 - 127
Toluene-d8 (Surr)	91	84	80 - 125
4-Bromofluorobenzene (Surr)	82	78	78 - 120
Dibromofluoromethane (Surr)	100	97	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-216608**

**Method: 8260B
Preparation: 5030B**

LCS Lab Sample ID: LCS 280-216608/4 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2014 2014
Prep Date: 03/12/2014 2014
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-216608/10
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2014 2036
Prep Date: 03/12/2014 2036
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	5.00	5.00	4.61	4.38
Bromodichloromethane	5.00	5.00	4.99	4.69
Carbon tetrachloride	5.00	5.00	6.15	5.88
Chlorobenzene	5.00	5.00	4.45	4.27
Chloroform	5.00	5.00	4.85	4.82
1,3-Dichlorobenzene	5.00	5.00	4.35	4.14
1,1-Dichloroethane	5.00	5.00	4.52	4.39
trans-1,2-Dichloroethene	5.00	5.00	4.86	4.67
1,1-Dichloroethene	5.00	5.00	4.51	4.39
1,2-Dichloropropane	5.00	5.00	4.27	4.08
Ethylbenzene	5.00	5.00	4.43	4.25
Methylene Chloride	5.00	5.00	5.24	5.17
Tetrachloroethene	5.00	5.00	5.11	4.76
Toluene	5.00	5.00	5.14	4.80
1,1,1-Trichloroethane	5.00	5.00	5.52	5.36
Trichloroethene	5.00	5.00	5.03	4.66

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216608**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-52886-23	Analysis Batch:	280-216608	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3270.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/12/2014 2143			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 2143				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-52886-23	Analysis Batch:	280-216608	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3271.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/12/2014 2206			Final Weight/Volume:	20 mL
Prep Date:	03/12/2014 2206				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	91	94	74 - 135	2	20		
Bromodichloromethane	98	104	73 - 135	6	20		
Carbon tetrachloride	120	123	67 - 135	2	21		
Chlorobenzene	88	92	76 - 135	4	20		
Chloroform	99	102	76 - 120	3	20		
1,3-Dichlorobenzene	86	90	74 - 135	4	20		
1,1-Dichloroethane	91	92	75 - 135	1	21		
trans-1,2-Dichloroethene	98	99	75 - 135	0	24		
1,1-Dichloroethene	93	94	71 - 136	2	20		
1,2-Dichloropropane	85	89	71 - 120	5	20		
Ethylbenzene	86	90	72 - 120	5	26		
Methylene Chloride	89	92	54 - 141	2	20		
Tetrachloroethene	97	102	70 - 135	5	20		
Toluene	100	104	73 - 120	4	20		
1,1,1-Trichloroethane	110	113	70 - 135	2	20		
Trichloroethene	99	102	73 - 135	3	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	102		105	70 - 127			
Toluene-d8 (Surr)	90		94	80 - 125			
4-Bromofluorobenzene (Surr)	83		87	78 - 120			
Dibromofluoromethane (Surr)	102		107	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216608**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-52886-23 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2014 2143
Prep Date: 03/12/2014 2143
Leach Date: N/A

MSD Lab Sample ID: 280-52886-23
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2014 2206
Prep Date: 03/12/2014 2206
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	18.3	18.7
Bromodichloromethane	0.68	U	20.0	20.0	19.6	20.8
Carbon tetrachloride	0.76	U	20.0	20.0	24.0	24.6
Chlorobenzene	0.68	U	20.0	20.0	17.5	18.3
Chloroform	0.64	U	20.0	20.0	19.8	20.3
1,3-Dichlorobenzene	0.52	U	20.0	20.0	17.2	17.9
1,1-Dichloroethane	10		20.0	20.0	28.2	28.5
trans-1,2-Dichloroethene	10		20.0	20.0	30.0	30.0
1,1-Dichloroethene	0.92	U	20.0	20.0	18.5	18.9
1,2-Dichloropropane	0.72	U	20.0	20.0	17.0	17.9
Ethylbenzene	0.64	U	20.0	20.0	17.1	18.0
Methylene Chloride	2.7	J	20.0	20.0	20.5	21.0
Tetrachloroethene	0.80	U	20.0	20.0	19.4	20.3
Toluene	0.68	U	20.0	20.0	20.0	20.9
1,1,1-Trichloroethane	0.64	U	20.0	20.0	22.1	22.6
Trichloroethene	0.64	U	20.0	20.0	19.8	20.4

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-216808

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-216808/18	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1469.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1311	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1311				
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)	89	70 - 127

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-216808

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-216808/13	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1464.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1136	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1136				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-216808/14	Analysis Batch:	280-216808	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1465.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1154	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1154				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	102	100	25 - 141	1	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	102		98		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-216808

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-216808/13 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/14/2014 1136
Prep Date: 03/14/2014 1136
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-216808/14
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/14/2014 1154
Prep Date: 03/14/2014 1154
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.08	5.00

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-216808

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52886-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/14/2014 1329
Prep Date: 03/14/2014 1329
Leach Date: N/A

Analysis Batch: 280-216808
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1470.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-52886-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/14/2014 1348
Prep Date: 03/14/2014 1348
Leach Date: N/A

Analysis Batch: 280-216808
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1471.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	90	110	25 - 141	20	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		87	92			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1
Sdg Number: 14025946

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216808

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52886-2 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/14/2014 1329
Prep Date: 03/14/2014 1329
Leach Date: N/A

MSD Lab Sample ID: 280-52886-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/14/2014 1348
Prep Date: 03/14/2014 1348
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	4.51	5.49

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-217094

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-217094/5	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1552.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1307	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1307				
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)	104	70 - 127

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-217094

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-217094/3	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1550.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1231	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1231				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-217094/4	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1551.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1249	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1249				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	103	85	25 - 141	19	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	100		96		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-217094

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-217094/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1231
Prep Date: 03/17/2014 1231
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-217094/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1249
Prep Date: 03/17/2014 1249
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.17	4.26

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-217094

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-B-1 MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1433
Prep Date: 03/17/2014 1433
Leach Date: N/A

Analysis Batch: 280-217094
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1556.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-52986-B-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1451
Prep Date: 03/17/2014 1451
Leach Date: N/A

Analysis Batch: 280-217094
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1557.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	97	87	25 - 141	10	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		98	110			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1
Sdg Number: 14025946

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217094

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-B-1 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1433
Prep Date: 03/17/2014 1433
Leach Date: N/A

MSD Lab Sample ID: 280-52986-B-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1451
Prep Date: 03/17/2014 1451
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	4.83	4.36

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Method Blank - Batch: 280-217187

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-217187/9	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1592.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1246	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1246				
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)	91	70 - 127

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-217187

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-217187/3	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1586.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1016	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1016				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-217187/4	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1587.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1035	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1035				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	100	106	25 - 141	5	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	101	106			70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-217187

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-217187/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1016
Prep Date: 03/18/2014 1016
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-217187/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1035
Prep Date: 03/18/2014 1035
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.02	5.28

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-217187

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-C-15 MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1341
Prep Date: 03/18/2014 1341
Leach Date: N/A

Analysis Batch: 280-217187
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1595.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-52986-C-15 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1359
Prep Date: 03/18/2014 1359
Leach Date: N/A

Analysis Batch: 280-217187
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1596.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	74	78	25 - 141	5	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		95	107			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1
Sdg Number: 14025946

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217187

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-C-15 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1341
Prep Date: 03/18/2014 1341
Leach Date: N/A

MSD Lab Sample ID: 280-52986-C-15 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1359
Prep Date: 03/18/2014 1359
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	3.71	3.92

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-216394					
LCS 280-216394/6	Lab Control Sample	T	Water	8260B	
MB 280-216394/7	Method Blank	T	Water	8260B	
280-52886-1	PIN12-0565-1	T	Water	8260B	
280-52886-1MS	Matrix Spike	T	Water	8260B	
280-52886-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-52886-2	PIN12-0565-2	T	Water	8260B	
280-52886-3	PIN12-0565-3	T	Water	8260B	
280-52886-4	PIN12-0573-1	T	Water	8260B	
280-52886-5	PIN12-0573-2	T	Water	8260B	
280-52886-6	PIN12-0573-3	T	Water	8260B	
280-52886-7	PIN12-0574-1	T	Water	8260B	
280-52886-8	PIN12-0574-2	T	Water	8260B	
280-52886-9	PIN12-0574-3	T	Water	8260B	
280-52886-10	PIN12-0575-1	T	Water	8260B	
280-52886-11	PIN12-0575-2	T	Water	8260B	
280-52886-12	PIN99-2574	T	Water	8260B	
280-52886-13	PIN12-S30B	T	Water	8260B	
280-52886-14	PIN12-S33C	T	Water	8260B	
280-52886-14DL	PIN12-S33C	T	Water	8260B	
280-52886-15	PIN12-S35B	T	Water	8260B	
280-52886-15DL	PIN12-S35B	T	Water	8260B	
280-52886-17	PIN12-0554A	T	Water	8260B	
280-52886-18	PIN12-0554B	T	Water	8260B	
280-52886-19	PIN12-0555A	T	Water	8260B	
280-52886-20	PIN12-0555B	T	Water	8260B	
Analysis Batch:280-216421					
LCS 280-216421/4	Lab Control Sample	T	Water	8260B	
MB 280-216421/5	Method Blank	T	Water	8260B	
280-52886-21	PIN12-0555C	T	Water	8260B	
280-52886-22	PIN99-2580	T	Water	8260B	
280-52886-23	PIN12-S67C	T	Water	8260B	
280-52886-24	PIN12-S67D	T	Water	8260B	
280-52890-B-1 MS	Matrix Spike	T	Water	8260B	
280-52890-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-216579					
LCS 280-216579/4	Lab Control Sample	T	Water	8260B	
LCSD 280-216579/5	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-216579/6	Method Blank	T	Water	8260B	
280-52860-R-5 MS	Matrix Spike	T	Water	8260B	
280-52860-R-5 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-52886-16	PIN12-S67B	T	Water	8260B	
280-52886-16DL	PIN12-S67B	T	Water	8260B	

TestAmerica Denver

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-216608					
LCS 280-216608/4	Lab Control Sample	T	Water	8260B	
LCSD 280-216608/10	Lab Control Sample Duplicate	T	Water	8260B	
MB 280-216608/5	Method Blank	T	Water	8260B	
280-52886-23DL	PIN12-S67C	T	Water	8260B	
280-52886-23MS	Matrix Spike	T	Water	8260B	
280-52886-23MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-216808					
LCS 280-216808/13	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-216808/14	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-216808/18	Method Blank	T	Water	8260B SIM	
280-52886-1	PIN12-0565-1	T	Water	8260B SIM	
280-52886-2	PIN12-0565-2	T	Water	8260B SIM	
280-52886-2MS	Matrix Spike	T	Water	8260B SIM	
280-52886-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-52886-3	PIN12-0565-3	T	Water	8260B SIM	
280-52886-4	PIN12-0573-1	T	Water	8260B SIM	
280-52886-5	PIN12-0573-2	T	Water	8260B SIM	
280-52886-6	PIN12-0573-3	T	Water	8260B SIM	
280-52886-7	PIN12-0574-1	T	Water	8260B SIM	
280-52886-8	PIN12-0574-2	T	Water	8260B SIM	
280-52886-9	PIN12-0574-3	T	Water	8260B SIM	
280-52886-10	PIN12-0575-1	T	Water	8260B SIM	
280-52886-11	PIN12-0575-2	T	Water	8260B SIM	
Analysis Batch:280-217094					
LCS 280-217094/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-217094/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-217094/5	Method Blank	T	Water	8260B SIM	
280-52886-13	PIN12-S30B	T	Water	8260B SIM	
280-52886-14	PIN12-S33C	T	Water	8260B SIM	
280-52886-15	PIN12-S35B	T	Water	8260B SIM	
280-52886-16	PIN12-S67B	T	Water	8260B SIM	
280-52886-17	PIN12-0554A	T	Water	8260B SIM	
280-52886-18	PIN12-0554B	T	Water	8260B SIM	
280-52886-19	PIN12-0555A	T	Water	8260B SIM	
280-52886-20	PIN12-0555B	T	Water	8260B SIM	
280-52886-21	PIN12-0555C	T	Water	8260B SIM	
280-52986-B-1 MS	Matrix Spike	T	Water	8260B SIM	
280-52986-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52886-1

Sdg Number: 14025946

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-217187					
LCS 280-217187/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-217187/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-217187/9	Method Blank	T	Water	8260B SIM	
280-52886-15	PIN12-S35B	T	Water	8260B SIM	
280-52886-23	PIN12-S67C	T	Water	8260B SIM	
280-52886-24	PIN12-S67D	T	Water	8260B SIM	
280-52986-C-15 MS	Matrix Spike	T	Water	8260B SIM	
280-52986-C-15 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Report Basis

T = Total

ANALYTICAL REPORT

Job Number: 280-52986-1

SDG Number: 1402596

Job Description: PINELLAS MONITORING

For:

S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
DiLea R Griego
Project Manager I
3/31/2014 4:55 PM

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03/31/2014

The test results in this report relate only to the samples in this report and meet all requirements of NELAP, 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.

TestAmerica Laboratories, Inc.

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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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 1402596

Report Number: 280-52986-1

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 3/12/2014 9:50 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 0.8° C, 2.1° C and 4.5° C.

GC/MS VOLATILES - SW846 8260B

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

Surrogate 4-Bromofluorobenzene was recovered outside the control limits, biased high, in sample PIN12-0581-2 (MDR 450). As no detectable concentrations are present at levels greater than the reporting limits in the sample, corrective action is deemed unnecessary.

Methylene Chloride, a common laboratory contaminant, was detected in the method blanks associated with batches 280-216804 and 280-216967 at levels exceeding the reporting limit. Because this common laboratory contaminant is present in the method blanks at levels that were less than five times the reporting limit, corrective action is not required. If the associated samples reported a result above the MDL and/or RL, the result has been "B" flagged.

Methylene Chloride, a common laboratory contaminant, was detected in the method blank associated with batch 280-217508, 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.

The internal standard (ISTD) response for TBA-d9 in sample PIN12-0581-3 (MDR 451) was outside acceptance criteria. The ISTDs are not associated with the requested target compound; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

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

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

Due to the presence of interfering, non-target compounds, sample PIN12-2453 (MDR 530) had to be analyzed using reduced aliquot size. The reporting limits have been elevated accordingly.

Due to the nature of the sample matrix, a reduced aliquot size had to be used for the analysis of some samples. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

The internal standard (ISTD) responses for 1,4-Dichlorobenzene-d4 and/or Chlorobenzene-d5 in samples PIN12-0549 (MDR 431), PIN12-0570-3 (MDR 470) and PIN12-0576-2 (MDR 494) were outside acceptance criteria. The ISTDs are not associated with any requested target compounds; therefore, corrective action is deemed unnecessary.

MS/MSD data is not available for batch 280-217732, due to a calibration range exceedance associated with the parent sample. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

The method required MS and MSD analysis could not be performed for batch 280-218160, due to insufficient sample volume. A duplicate LCS (LCSD) was analyzed to provide some evidence of batch precision.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

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.
	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.
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-52986-1	PIN12-0579-1	Water	03/10/2014 1326	03/12/2014 0950
280-52986-1MS	PIN12-0579-1	Water	03/10/2014 1326	03/12/2014 0950
280-52986-1MSD	PIN12-0579-1	Water	03/10/2014 1326	03/12/2014 0950
280-52986-2	PIN12-0579-2	Water	03/10/2014 1348	03/12/2014 0950
280-52986-3	PIN12-0579-3	Water	03/10/2014 1419	03/12/2014 0950
280-52986-4	PIN12-0584-1	Water	03/08/2014 0956	03/12/2014 0950
280-52986-5	PIN12-0584-2	Water	03/08/2014 1026	03/12/2014 0950
280-52986-6	PIN12-0584-3	Water	03/08/2014 1056	03/12/2014 0950
280-52986-7	PIN12-0586-1	Water	03/07/2014 1553	03/12/2014 0950
280-52986-8	PIN12-0586-2	Water	03/10/2014 0829	03/12/2014 0950
280-52986-9	PIN12-0586-3	Water	03/10/2014 0857	03/12/2014 0950
280-52986-10	PIN12-2450	Water	03/07/2014 1200	03/12/2014 0950
280-52986-11	PIN99-2575	Water	03/07/2014 0800	03/12/2014 0950
280-52986-12	PIN12-0561-1	Water	03/08/2014 0757	03/12/2014 0950
280-52986-13	PIN12-0561-2	Water	03/08/2014 0840	03/12/2014 0950
280-52986-14	PIN12-0561-3	Water	03/08/2014 0910	03/12/2014 0950
280-52986-15	PIN12-0568-1	Water	03/07/2014 1401	03/12/2014 0950
280-52986-16	PIN12-0568-2	Water	03/07/2014 1432	03/12/2014 0950
280-52986-17	PIN12-0568-3	Water	03/07/2014 1507	03/12/2014 0950
280-52986-18	PIN12-0569-1	Water	03/10/2014 0954	03/12/2014 0950
280-52986-19	PIN12-0569-2	Water	03/10/2014 1026	03/12/2014 0950
280-52986-20	PIN12-0569-3	Water	03/10/2014 1100	03/12/2014 0950
280-52986-21	PIN12-0570-1	Water	03/07/2014 0845	03/12/2014 0950
280-52986-22	PIN12-0570-2	Water	03/07/2014 0930	03/12/2014 0950
280-52986-23	PIN12-0570-3	Water	03/07/2014 1025	03/12/2014 0950
280-52986-24	PIN12-0572-1	Water	03/07/2014 1115	03/12/2014 0950
280-52986-25	PIN12-0572-2	Water	03/07/2014 1146	03/12/2014 0950
280-52986-26	PIN12-0576-1	Water	03/10/2014 1504	03/12/2014 0950
280-52986-27	PIN12-0576-2	Water	03/10/2014 1535	03/12/2014 0950
280-52986-28	PIN12-0524	Water	03/08/2014 0800	03/12/2014 0950
280-52986-29	PIN12-0525	Water	03/08/2014 0830	03/12/2014 0950
280-52986-30	PIN12-0541	Water	03/07/2014 1555	03/12/2014 0950
280-52986-31	PIN12-0542	Water	03/07/2014 1625	03/12/2014 0950
280-52986-32	PIN12-0549	Water	03/07/2014 1655	03/12/2014 0950
280-52986-33	PIN12-0554C	Water	03/07/2014 1430	03/12/2014 0950
280-52986-34	PIN12-0581-1	Water	03/10/2014 0835	03/12/2014 0950
280-52986-35	PIN12-0581-2	Water	03/10/2014 0905	03/12/2014 0950
280-52986-36	PIN12-0581-3	Water	03/10/2014 1020	03/12/2014 0950
280-52986-37	PIN12-0582-1	Water	03/10/2014 1110	03/12/2014 0950
280-52986-38	PIN12-0582-2	Water	03/10/2014 1145	03/12/2014 0950
280-52986-39	PIN12-0582-3	Water	03/10/2014 1245	03/12/2014 0950
280-52986-40	PIN12-0585-1	Water	03/08/2014 0920	03/12/2014 0950
280-52986-41	PIN12-0585-2	Water	03/08/2014 0955	03/12/2014 0950
280-52986-42	PIN12-0585-3	Water	03/08/2014 1030	03/12/2014 0950
280-52986-43	PIN12-2451	Water	03/10/2014 1200	03/12/2014 0950
280-52986-44	PIN12-2452	Water	03/10/2014 1600	03/12/2014 0950
280-52986-45	PIN12-2453	Water	03/08/2014 1200	03/12/2014 0950
280-52986-46	PIN99-2581	Water	03/07/2014 0800	03/12/2014 0950
280-52986-47	PIN12-S73B	Water	03/10/2014 1445	03/12/2014 0950
280-52986-48	PIN12-S73C	Water	03/10/2014 1530	03/12/2014 0950
280-52986-49	PIN12-S73D	Water	03/10/2014 1615	03/12/2014 0950

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52986-2 1,4-Dioxane	PIN12-0579-2	0.26	J	1.0	ug/L	8260B SIM
280-52986-3 Methylene Chloride	PIN12-0579-3	3.2	J B	4.0	ug/L	8260B
280-52986-4 Vinyl chloride 1,4-Dioxane	PIN12-0584-1	0.25 2.1	J	1.0 1.0	ug/L ug/L	8260B 8260B SIM
280-52986-5 Acetone cis-1,2-Dichloroethene Vinyl chloride 1,4-Dioxane	PIN12-0584-2	4.2 0.34 4.0 0.98	J J J	10 1.0 1.0 1.0	ug/L ug/L ug/L ug/L	8260B 8260B 8260B 8260B SIM
280-52986-6 Acetone cis-1,2-Dichloroethene Vinyl chloride	PIN12-0584-3	7.2 0.35 4.8	J J	10 1.0 1.0	ug/L ug/L ug/L	8260B 8260B 8260B
280-52986-7 cis-1,2-Dichloroethene 1,4-Dioxane	PIN12-0586-1	0.34 0.62	J J	1.0 1.0	ug/L ug/L	8260B 8260B SIM
280-52986-8 Acetone 1,1-Dichloroethane cis-1,2-Dichloroethene 1,1-Dichloroethene Vinyl chloride 1,4-Dioxane	PIN12-0586-2	2.4 0.32 13 0.44 5.8 1.0	J J J	10 1.0 1.0 1.0 1.0 1.0	ug/L ug/L ug/L ug/L ug/L ug/L	8260B 8260B 8260B 8260B 8260B 8260B SIM
280-52986-9 Acetone Vinyl chloride 1,4-Dioxane	PIN12-0586-3	2.1 2.8 0.46	J J	10 1.0 1.0	ug/L ug/L ug/L	8260B 8260B 8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52986-10	PIN12-2450					
cis-1,2-Dichloroethene		220		5.0	ug/L	8260B
trans-1,2-Dichloroethene		1.9	J	2.0	ug/L	8260B
1,1-Dichloroethene		10		2.0	ug/L	8260B
Methylene Chloride		1.7	J B	2.0	ug/L	8260B
Vinyl chloride		41		2.0	ug/L	8260B
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM
280-52986-11	PIN99-2575					
Methylene Chloride		1.3	B	1.0	ug/L	8260B
280-52986-12	PIN12-0561-1					
Acetone		2.2	J	10	ug/L	8260B
280-52986-14	PIN12-0561-3					
Acetone		2.9	J	10	ug/L	8260B
1,4-Dioxane		0.83	J	1.0	ug/L	8260B SIM
280-52986-16	PIN12-0568-2					
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM
280-52986-19	PIN12-0569-2					
cis-1,2-Dichloroethene		0.83	J	1.0	ug/L	8260B
Vinyl chloride		5.0		1.0	ug/L	8260B
1,4-Dioxane		1.7		1.0	ug/L	8260B SIM
280-52986-20	PIN12-0569-3					
1,1-Dichloroethane		0.32	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		41		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.60	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.6		1.0	ug/L	8260B
Vinyl chloride		37		1.0	ug/L	8260B
1,4-Dioxane		2.0		1.0	ug/L	8260B SIM
280-52986-22	PIN12-0570-2					
Acetone		3.3	J	10	ug/L	8260B
Vinyl chloride		0.40	J	1.0	ug/L	8260B
1,4-Dioxane		0.88	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52986-23	PIN12-0570-3					
Acetone		1.9	J	10	ug/L	8260B
Vinyl chloride		3.6		1.0	ug/L	8260B
1,4-Dioxane		1.7		1.0	ug/L	8260B SIM
280-52986-24	PIN12-0572-1					
Acetone		2.6	J	10	ug/L	8260B
280-52986-25	PIN12-0572-2					
Acetone		4.7	J	10	ug/L	8260B
cis-1,2-Dichloroethene		210		4.0	ug/L	8260B
trans-1,2-Dichloroethene		1.8		1.0	ug/L	8260B
1,1-Dichloroethene		8.6		1.0	ug/L	8260B
Vinyl chloride		35		1.0	ug/L	8260B
1,4-Dioxane		1.1		1.0	ug/L	8260B SIM
280-52986-26	PIN12-0576-1					
Acetone		2.3	J	10	ug/L	8260B
1,1-Dichloroethane		7.0		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.4		1.0	ug/L	8260B
1,1-Dichloroethene		1.1		1.0	ug/L	8260B
Vinyl chloride		4.9		1.0	ug/L	8260B
1,4-Dioxane		22		4.0	ug/L	8260B SIM
280-52986-27	PIN12-0576-2					
1,1-Dichloroethane		7.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.7		1.0	ug/L	8260B
1,1-Dichloroethene		1.3		1.0	ug/L	8260B
Vinyl chloride		4.9		1.0	ug/L	8260B
1,4-Dioxane		24		2.0	ug/L	8260B SIM
280-52986-28	PIN12-0524					
Benzene		1.7	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		650		20	ug/L	8260B
trans-1,2-Dichloroethene		5.9		2.0	ug/L	8260B
1,1-Dichloroethene		13		2.0	ug/L	8260B
Methylene Chloride		1.2	J B	2.0	ug/L	8260B
Vinyl chloride		450		20	ug/L	8260B
1,4-Dioxane		0.92	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52986-29	PIN12-0525					
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
1,4-Dioxane		2.0		1.0	ug/L	8260B SIM
280-52986-30	PIN12-0541					
cis-1,2-Dichloroethene		0.21	J	1.0	ug/L	8260B
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM
280-52986-31	PIN12-0542					
1,1-Dichloroethane		0.25	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260B
1,4-Dioxane		1.7		1.0	ug/L	8260B SIM
280-52986-32	PIN12-0549					
1,1-Dichloroethane		0.45	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260B
1,4-Dioxane		3.5		1.0	ug/L	8260B SIM
280-52986-33	PIN12-0554C					
1,1-Dichloroethane		54		4.0	ug/L	8260B
cis-1,2-Dichloroethene		19		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.6		1.0	ug/L	8260B
1,1-Dichloroethene		0.81	J	1.0	ug/L	8260B
Vinyl chloride		84		4.0	ug/L	8260B
1,4-Dioxane		87		10	ug/L	8260B SIM
280-52986-34	PIN12-0581-1					
Acetone		1.9	J	10	ug/L	8260B
280-52986-35	PIN12-0581-2					
Acetone		15		10	ug/L	8260B
1,1-Dichloroethane		17		1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.6		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.58	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.99	J	1.0	ug/L	8260B
Vinyl chloride		14		1.0	ug/L	8260B
1,4-Dioxane		27		2.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52986-36	PIN12-0581-3					
Acetone		22		10	ug/L	8260B
1,1-Dichloroethane		0.72	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.47	J	1.0	ug/L	8260B
Vinyl chloride		0.48	J	1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-52986-37	PIN12-0582-1					
Acetone		33		10	ug/L	8260B
Chloromethane		0.60	J	1.0	ug/L	8260B
280-52986-38	PIN12-0582-2					
Acetone		22		10	ug/L	8260B
Chloromethane		0.40	J	1.0	ug/L	8260B
1,1-Dichloroethane		46		1.0	ug/L	8260B
cis-1,2-Dichloroethene		17		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.9		1.0	ug/L	8260B
1,1-Dichloroethene		0.63	J	1.0	ug/L	8260B
Vinyl chloride		110		2.0	ug/L	8260B
1,4-Dioxane		150		20	ug/L	8260B SIM
280-52986-39	PIN12-0582-3					
Acetone		20		10	ug/L	8260B
1,1-Dichloroethane		0.42	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.56	J	1.0	ug/L	8260B
Styrene		0.50	J	1.0	ug/L	8260B
Vinyl chloride		2.2		1.0	ug/L	8260B
1,4-Dioxane		0.98	J	1.0	ug/L	8260B SIM
280-52986-40	PIN12-0585-1					
Acetone		17		10	ug/L	8260B
cis-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
Trichloroethene		0.17	J	1.0	ug/L	8260B
Vinyl chloride		0.55	J	1.0	ug/L	8260B
1,4-Dioxane		2.3		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52986-41	PIN12-0585-2					
Acetone		700		200	ug/L	8260B
cis-1,2-Dichloroethene		5300		200	ug/L	8260B
trans-1,2-Dichloroethene		29		20	ug/L	8260B
1,1-Dichloroethene		290		20	ug/L	8260B
Trichloroethene		1400		200	ug/L	8260B
Vinyl chloride		590		20	ug/L	8260B
1,4-Dioxane		3.1	J	4.0	ug/L	8260B SIM
280-52986-42	PIN12-0585-3					
Acetone		16	J	20	ug/L	8260B
cis-1,2-Dichloroethene		430		20	ug/L	8260B
trans-1,2-Dichloroethene		8.2		2.0	ug/L	8260B
1,1-Dichloroethene		17		2.0	ug/L	8260B
Trichloroethene		11		2.0	ug/L	8260B
Vinyl chloride		1200		20	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-52986-43	PIN12-2451					
Acetone		17		10	ug/L	8260B
1,1-Dichloroethane		13		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.7		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.50	J	1.0	ug/L	8260B
Vinyl chloride		13		1.0	ug/L	8260B
1,4-Dioxane		22		2.0	ug/L	8260B SIM
280-52986-44	PIN12-2452					
Acetone		46		10	ug/L	8260B
1,1-Dichloroethane		36		1.0	ug/L	8260B
cis-1,2-Dichloroethene		14		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.8		1.0	ug/L	8260B
1,1-Dichloroethene		0.35	J	1.0	ug/L	8260B
Vinyl chloride		120		2.0	ug/L	8260B
1,4-Dioxane		150		10	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-52986-45	PIN12-2453					
cis-1,2-Dichloroethene		4400		200	ug/L	8260B
trans-1,2-Dichloroethene		24		20	ug/L	8260B
1,1-Dichloroethene		250		20	ug/L	8260B
Trichloroethene		1100		20	ug/L	8260B
Vinyl chloride		590		20	ug/L	8260B
1,4-Dioxane		7.2		5.0	ug/L	8260B SIM
280-52986-46	PIN99-2581					
Acetone		3.6	J	10	ug/L	8260B
Methylene Chloride		0.90	J	1.0	ug/L	8260B
280-52986-47	PIN12-S73B					
Acetone		3.7	J	10	ug/L	8260B
Vinyl chloride		0.88	J	1.0	ug/L	8260B
280-52986-48	PIN12-S73C					
Acetone		6.1	J	10	ug/L	8260B
1,1-Dichloroethane		3.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		5.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.5		1.0	ug/L	8260B
Vinyl chloride		110		4.0	ug/L	8260B
1,4-Dioxane		60		10	ug/L	8260B SIM
280-52986-49	PIN12-S73D					
Acetone		5.3	J	10	ug/L	8260B
1,1-Dichloroethane		0.23	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.40	J	1.0	ug/L	8260B
Vinyl chloride		2.8		1.0	ug/L	8260B
1,4-Dioxane		4.8		1.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

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: 280-52986-1

Sdg Number: 1402596

Method	Analyst	Analyst ID
SW846 8260B	Lines, Jeremy N	JNL
SW846 8260B	Meier, Greg P	GPM
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM
SW846 8260B SIM	Tinkham, Sarah A	SAT

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-52986-1

Date Sampled: 03/10/2014 1326

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3313.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1008			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1008				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-52986-1

Date Sampled: 03/10/2014 1326

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3313.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1008			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1008				

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)	88		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-52986-2

Date Sampled: 03/10/2014 1348

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3321.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1307			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1307				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-52986-2

Date Sampled: 03/10/2014 1348

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3321.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1307			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 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	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)	90		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-52986-3

Date Sampled: 03/10/2014 1419

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3322.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 1330			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1330				

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	3.2	J B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-52986-3

Date Sampled: 03/10/2014 1419

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3322.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/14/2014 1330			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1330				

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)	101		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-52986-4

Date Sampled: 03/08/2014 0956

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-216804	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3323.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/14/2014 1352		Final Weight/Volume: 20 mL
Prep Date: 03/14/2014 1352		

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-52986-4

Date Sampled: 03/08/2014 0956

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3323.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1352			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1352				

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	0.25	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)	98		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-52986-5

Date Sampled: 03/08/2014 1026

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3324.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1414			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1414				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.2	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	0.34	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-52986-5

Date Sampled: 03/08/2014 1026

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3324.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1414			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1414				

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	4.0		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)	99		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-52986-6

Date Sampled: 03/08/2014 1056

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3325.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1437			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1437				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.2	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	0.35	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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-52986-6

Date Sampled: 03/08/2014 1056

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3325.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1437			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1437				

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	4.8		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)	108		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-52986-7

Date Sampled: 03/07/2014 1553

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3326.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1459			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1459				

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	0.34	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-52986-7

Date Sampled: 03/07/2014 1553

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3326.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1459			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1459				

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)	88		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-52986-8

Date Sampled: 03/10/2014 0829

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3327.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1521			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1521				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.4	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	0.32	J	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	0.15	U	0.15	1.0
1,1-Dichloroethene	0.44	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-52986-8

Date Sampled: 03/10/2014 0829

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3327.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1521			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1521				

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	5.8		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)	103		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-52986-9

Date Sampled: 03/10/2014 0857

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3328.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1543			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1543				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-52986-9

Date Sampled: 03/10/2014 0857

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3328.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1543			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1543				

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	2.8		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)	104		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2450

Lab Sample ID: 280-52986-10

Date Sampled: 03/07/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3314.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/14/2014 1030			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1030				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	U	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	1.9	J	0.30	2.0
1,1-Dichloroethene	10		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	1.7	J B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2450

Lab Sample ID: 280-52986-10

Date Sampled: 03/07/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3314.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/14/2014 1030			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1030				

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
Vinyl chloride	41		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)	93		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2450

Lab Sample ID: 280-52986-10

Date Sampled: 03/07/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3320.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/14/2014 1245	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	220		0.75	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN99-2575

Lab Sample ID: 280-52986-11

Date Sampled: 03/07/2014 0800

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3329.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1605			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1605				

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	1.3	B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN99-2575

Lab Sample ID: 280-52986-11

Date Sampled: 03/07/2014 0800

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3329.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1605			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1605				

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)	100		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-52986-12

Date Sampled: 03/08/2014 0757

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3330.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1627			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1627				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-52986-12

Date Sampled: 03/08/2014 0757

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3330.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1627			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1627				

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)	105		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-52986-13

Date Sampled: 03/08/2014 0840

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3344.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2137			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2137				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-52986-13

Date Sampled: 03/08/2014 0840

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3344.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2137			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2137				

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)	87		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-52986-14

Date Sampled: 03/08/2014 0910

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3347.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2243			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2243				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.9	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	0.15	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-52986-14

Date Sampled: 03/08/2014 0910

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3347.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2243			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2243				

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)	92		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	82		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-52986-15

Date Sampled: 03/07/2014 1401

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3348.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2305			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2305				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-52986-15

Date Sampled: 03/07/2014 1401

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3348.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2305			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2305				

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)	98		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-52986-16

Date Sampled: 03/07/2014 1432

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3349.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2328			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2328				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-52986-16

Date Sampled: 03/07/2014 1432

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3349.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2328			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2328				

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)	88		80 - 125
4-Bromofluorobenzene (Surr)	81		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-52986-17

Date Sampled: 03/07/2014 1507

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3350.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2350			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2350				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-52986-17

Date Sampled: 03/07/2014 1507

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3350.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2350			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2350				

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)	93		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-52986-18

Client Matrix: Water

Date Sampled: 03/10/2014 0954

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3351.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0012			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0012				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-52986-18

Date Sampled: 03/10/2014 0954

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3351.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0012			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0012				

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)	98		70 - 127
Toluene-d8 (Surr)	85		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-52986-19

Date Sampled: 03/10/2014 1026

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3352.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0034			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0034				

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	0.83	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-52986-19

Date Sampled: 03/10/2014 1026

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3352.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0034			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0034				

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	5.0		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)	89		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-52986-20

Date Sampled: 03/10/2014 1100

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3353.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0056			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0056				

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	0.32	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	41		0.15	1.0
trans-1,2-Dichloroethene	0.60	J	0.15	1.0
1,1-Dichloroethene	1.6		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-52986-20

Date Sampled: 03/10/2014 1100

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3353.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0056			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0056				

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	37		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)	90		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-52986-21

Date Sampled: 03/07/2014 0845

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0119			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0119				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-52986-21

Date Sampled: 03/07/2014 0845

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0119			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0119				

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)	91		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-52986-22

Date Sampled: 03/07/2014 0930

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3355.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0141			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0141				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-52986-22

Date Sampled: 03/07/2014 0930

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3355.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0141			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0141				

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	0.40	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)	99		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-52986-23

Date Sampled: 03/07/2014 1025

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3356.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0203			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0203				

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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-52986-23

Date Sampled: 03/07/2014 1025

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3356.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0203			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0203				

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	3.6		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)	91		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-52986-24

Client Matrix: Water

Date Sampled: 03/07/2014 1115

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3357.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0225			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0225				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.6	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-52986-24

Date Sampled: 03/07/2014 1115

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3357.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0225			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 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	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)	91		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-52986-25

Date Sampled: 03/07/2014 1146

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3358.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0247			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0247				

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	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.8		0.15	1.0
1,1-Dichloroethene	8.6		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-52986-25

Date Sampled: 03/07/2014 1146

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3358.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0247			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0247				

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
Vinyl chloride	35		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)	88		80 - 125
4-Bromofluorobenzene (Surr)	82		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-52986-25

Date Sampled: 03/07/2014 1146

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3359.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/15/2014 0309	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0309				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	210		0.60	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-52986-26

Date Sampled: 03/10/2014 1504

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3360.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0331			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0331				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.3	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	7.0		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	4.4		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	1.1		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-52986-26

Date Sampled: 03/10/2014 1504

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3360.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0331			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0331				

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	4.9		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)	101		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	82		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-52986-27

Date Sampled: 03/10/2014 1535

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3361.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0353			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0353				

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	7.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	4.7		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-52986-27

Date Sampled: 03/10/2014 1535

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3361.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0353			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0353				

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	4.9		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)	102		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0524

Lab Sample ID: 280-52986-28

Client Matrix: Water

Date Sampled: 03/08/2014 0800

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3362.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2014 0415			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0415				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	U	3.8	20
Benzene	1.7	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	5.9		0.30	2.0
1,1-Dichloroethene	13		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	1.2	J B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0524

Lab Sample ID: 280-52986-28

Date Sampled: 03/08/2014 0800

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3362.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/15/2014 0415			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0415				

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)	101		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0524

Lab Sample ID: 280-52986-28

Date Sampled: 03/08/2014 0800

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3363.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/15/2014 0437	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0437				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	650		3.0	20
Vinyl chloride	450		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0525

Lab Sample ID: 280-52986-29

Date Sampled: 03/08/2014 0830

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3364.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0459			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0459				

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	0.15	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0525

Lab Sample ID: 280-52986-29

Date Sampled: 03/08/2014 0830

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3364.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0459			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0459				

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)	87		80 - 125
4-Bromofluorobenzene (Surr)	81		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0541

Lab Sample ID: 280-52986-30

Client Matrix: Water

Date Sampled: 03/07/2014 1555

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3365.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0522			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0522				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0541

Lab Sample ID: 280-52986-30

Date Sampled: 03/07/2014 1555

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3365.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0522			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0522				

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)	91		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0542

Lab Sample ID: 280-52986-31

Date Sampled: 03/07/2014 1625

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3366.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0544			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0544				

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	0.25	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.31	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0542

Lab Sample ID: 280-52986-31

Date Sampled: 03/07/2014 1625

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3366.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0544			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0544				

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)	91		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0549

Lab Sample ID: 280-52986-32

Date Sampled: 03/07/2014 1655

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3367.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0606			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0606				

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	0.45	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0549

Lab Sample ID: 280-52986-32

Date Sampled: 03/07/2014 1655

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3367.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/15/2014 0606			Final Weight/Volume:	20 mL
Prep Date:	03/15/2014 0606				

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)	94		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0554C

Lab Sample ID: 280-52986-33

Date Sampled: 03/07/2014 1430

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3500.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0300			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0300				

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
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	19		0.15	1.0
trans-1,2-Dichloroethene	6.6		0.15	1.0
1,1-Dichloroethene	0.81	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
Styrene	0.17	U	0.17	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0554C

Lab Sample ID: 280-52986-33

Date Sampled: 03/07/2014 1430

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3500.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0300			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0300				

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)	111		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0554C

Lab Sample ID: 280-52986-33

Date Sampled: 03/07/2014 1430

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217757	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1082.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/21/2014 0319	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 0319				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1-Dichloroethane	54		0.88	4.0
Vinyl chloride	84		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-52986-34

Date Sampled: 03/10/2014 0835

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3501.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0322			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0322				

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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-52986-34

Date Sampled: 03/10/2014 0835

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3501.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0322			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0322				

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)	109		70 - 127
Toluene-d8 (Surr)	86		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-52986-35

Date Sampled: 03/10/2014 0905

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3349.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1521			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1521				

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	17		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.6		0.15	1.0
trans-1,2-Dichloroethene	0.58	J	0.15	1.0
1,1-Dichloroethene	0.99	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-52986-35

Date Sampled: 03/10/2014 0905

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3349.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1521			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1521				

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	14		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)	95		80 - 125
4-Bromofluorobenzene (Surr)	121	X	78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-52986-36

Date Sampled: 03/10/2014 1020

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3350.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1543			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1543				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	22		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	0.72	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.47	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-52986-36

Date Sampled: 03/10/2014 1020

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3350.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1543			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1543				

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	0.48	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)	111		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	113		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-52986-37

Date Sampled: 03/10/2014 1110

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-216810	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS3351.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/14/2014 1604		Final Weight/Volume: 20 mL
Prep Date: 03/14/2014 1604		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	33		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	0.60	J	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-52986-37

Date Sampled: 03/10/2014 1110

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3351.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1604			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1604				

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)	100		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	114		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-52986-38

Date Sampled: 03/10/2014 1145

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3352.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1625			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1625				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	22		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	0.40	J	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	17		0.15	1.0
trans-1,2-Dichloroethene	4.9		0.15	1.0
1,1-Dichloroethene	0.63	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-52986-38

Date Sampled: 03/10/2014 1145

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3352.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1625			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1625				

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)	101		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-52986-38

Date Sampled: 03/10/2014 1145

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3353.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/14/2014 1647	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	110		0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-52986-39

Date Sampled: 03/10/2014 1245

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1708			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1708				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	20		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	0.42	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.56	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-52986-39

Date Sampled: 03/10/2014 1245

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3354.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1708			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1708				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.50	J	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	2.2		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)	98		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-52986-40

Date Sampled: 03/08/2014 0920

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3355.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1729			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1729				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	17		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	1.2		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-52986-40

Date Sampled: 03/08/2014 0920

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3355.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1729			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1729				

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	0.17	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
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)	103		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-52986-41

Date Sampled: 03/08/2014 0955

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3356.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/14/2014 1751			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1751				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	700		38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	29		3.0	20
1,1-Dichloroethene	290		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	6.4	U	6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	4.4	U	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-52986-41

Date Sampled: 03/08/2014 0955

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3356.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/14/2014 1751			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1751				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.2	U	4.2	20
1,1,2,2-Tetrachloroethane	4.2	U	4.2	20
Tetrachloroethene	4.0	U	4.0	20
Toluene	3.4	U	3.4	20
1,2,3-Trichlorobenzene	4.2	U	4.2	20
1,2,4-Trichlorobenzene	4.2	U	4.2	20
1,1,1-Trichloroethane	3.2	U	3.2	20
1,1,2-Trichloroethane	5.4	U	5.4	20
Trichlorofluoromethane	5.8	U	5.8	20
1,2,3-Trichloropropane	6.6	U	6.6	20
1,2,4-Trimethylbenzene	3.0	U	3.0	20
1,3,5-Trimethylbenzene	3.2	U	3.2	20
Vinyl chloride	590		2.0	20
Xylenes, Total	3.8	U	3.8	20
1,2-Dibromoethane	3.6	U	3.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	85		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-52986-41

Date Sampled: 03/08/2014 0955

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3357.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	03/14/2014 1812	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1812				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	5300		30	200
Trichloroethene	1400		32	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-52986-42

Date Sampled: 03/08/2014 1030

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3358.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/14/2014 1834			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1834				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	16	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
trans-1,2-Dichloroethene	8.2		0.30	2.0
1,1-Dichloroethene	17		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-52986-42

Date Sampled: 03/08/2014 1030

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3358.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/14/2014 1834			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1834				

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	11		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)	108		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	115		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-52986-42

Date Sampled: 03/08/2014 1030

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3359.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/14/2014 1856	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1856				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	430		3.0	20
Vinyl chloride	1200		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	109		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2451

Lab Sample ID: 280-52986-43

Date Sampled: 03/10/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3360.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1917			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1917				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	17		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	13		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	4.7		0.15	1.0
trans-1,2-Dichloroethene	0.34	J	0.15	1.0
1,1-Dichloroethene	0.50	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2451

Lab Sample ID: 280-52986-43

Date Sampled: 03/10/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3360.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1917			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1917				

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)	102		70 - 127
Toluene-d8 (Surr)	81		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2452

Lab Sample ID: 280-52986-44

Date Sampled: 03/10/2014 1600

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3361.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1939			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1939				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	46		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	36		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	14		0.15	1.0
trans-1,2-Dichloroethene	2.8		0.15	1.0
1,1-Dichloroethene	0.35	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2452

Lab Sample ID: 280-52986-44

Date Sampled: 03/10/2014 1600

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3361.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1939			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1939				

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)	87		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2452

Lab Sample ID: 280-52986-44

Date Sampled: 03/10/2014 1600

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS3362.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/14/2014 2000	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2000				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	120		0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	80		80 - 125
4-Bromofluorobenzene (Surr)	109		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2453

Lab Sample ID: 280-52986-45

Date Sampled: 03/08/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217195	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q3293.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2014 1555			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1555				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	38	U	38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	24		3.0	20
1,1-Dichloroethene	250		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	6.4	U	6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	4.4	U	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2453

Lab Sample ID: 280-52986-45

Date Sampled: 03/08/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217195	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q3293.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2014 1555			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1555				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.2	U	4.2	20
1,1,2,2-Tetrachloroethane	4.2	U	4.2	20
Tetrachloroethene	4.0	U	4.0	20
Toluene	3.4	U	3.4	20
1,2,3-Trichlorobenzene	4.2	U	4.2	20
1,2,4-Trichlorobenzene	4.2	U	4.2	20
1,1,1-Trichloroethane	3.2	U	3.2	20
1,1,2-Trichloroethane	5.4	U	5.4	20
Trichloroethene	1100		3.2	20
Trichlorofluoromethane	5.8	U	5.8	20
1,2,3-Trichloropropane	6.6	U	6.6	20
1,2,4-Trimethylbenzene	3.0	U	3.0	20
1,3,5-Trimethylbenzene	3.2	U	3.2	20
Vinyl chloride	590		2.0	20
Xylenes, Total	3.8	U	3.8	20
1,2-Dibromoethane	3.6	U	3.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	114		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2453

Lab Sample ID: 280-52986-45

Date Sampled: 03/08/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217195	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q3294.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	03/18/2014 1615	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1615				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	4400		30	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	109		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN99-2581

Lab Sample ID: 280-52986-46

Date Sampled: 03/07/2014 0800

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217195	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q3295.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1635			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1635				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.6	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	0.90	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN99-2581

Lab Sample ID: 280-52986-46

Date Sampled: 03/07/2014 0800

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217195	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q3295.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1635			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1635				

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)	105		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-52986-47

Client Matrix: Water

Date Sampled: 03/10/2014 1445

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3502.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0344			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0344				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.7	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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-52986-47

Date Sampled: 03/10/2014 1445

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3502.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0344			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0344				

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	0.88	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)	108		70 - 127
Toluene-d8 (Surr)	83		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-52986-48

Client Matrix: Water

Date Sampled: 03/10/2014 1530

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3503.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0407			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0407				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.1	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	3.8		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	5.1		0.15	1.0
trans-1,2-Dichloroethene	6.5		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-52986-48

Date Sampled: 03/10/2014 1530

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3503.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0407			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0407				

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)	102		70 - 127
Toluene-d8 (Surr)	85		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-52986-48

Date Sampled: 03/10/2014 1530

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217757	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1083.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/21/2014 0342	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 0342				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	110		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-52986-49

Date Sampled: 03/10/2014 1615

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3504.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0429			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0429				

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	0.23	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.16	J	0.15	1.0
trans-1,2-Dichloroethene	0.40	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-52986-49

Date Sampled: 03/10/2014 1615

Client Matrix: Water

Date Received: 03/12/2014 0950

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3504.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0429			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0429				

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	2.8		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)	108		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-52986-1

Date Sampled: 03/10/2014 1326

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1553.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1340			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1340				

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)	112		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-52986-2

Date Sampled: 03/10/2014 1348

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1567.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1808			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1808				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.26	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-52986-3

Date Sampled: 03/10/2014 1419

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1568.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1826			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1826				

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)	93		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-52986-4

Date Sampled: 03/08/2014 0956

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1569.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1844			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1844				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.1		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-52986-5

Date Sampled: 03/08/2014 1026

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1570.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1902			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1902				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.98	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-52986-6

Date Sampled: 03/08/2014 1056

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1571.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1920			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1920				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-52986-7

Date Sampled: 03/07/2014 1553

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1572.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1938			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1938				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.62	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-52986-8

Date Sampled: 03/10/2014 0829

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1573.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1956			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1956				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-52986-9

Date Sampled: 03/10/2014 0857

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1574.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 2014			Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 2014				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.46	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2450

Lab Sample ID: 280-52986-10

Date Sampled: 03/07/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1593.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1305			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1305				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.4		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-52986-12

Date Sampled: 03/08/2014 0757

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1626.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1039			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1039				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-52986-13

Date Sampled: 03/08/2014 0840

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1599.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1454			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1454				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-52986-14

Date Sampled: 03/08/2014 0910

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1600.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1513			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1513				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.83	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-52986-15

Date Sampled: 03/07/2014 1401

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1590.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1210			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1210				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-52986-16

Date Sampled: 03/07/2014 1432

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1591.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1228			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1228				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.4		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-52986-17

Date Sampled: 03/07/2014 1507

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1601.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1531			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1531				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-52986-18

Date Sampled: 03/10/2014 0954

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1627.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1057			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1057				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-52986-19

Date Sampled: 03/10/2014 1026

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1633.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1245			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.7		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-52986-20

Date Sampled: 03/10/2014 1100

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1635.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1322			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1322				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.0		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-52986-21

Date Sampled: 03/07/2014 0845

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1602.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1549			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1549				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-52986-22

Date Sampled: 03/07/2014 0930

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1603.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1608			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1608				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-52986-23

Date Sampled: 03/07/2014 1025

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1604.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1626			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1626				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.7		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-52986-24

Date Sampled: 03/07/2014 1115

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1605.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1644			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1644				

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)	104		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0572-2

Lab Sample ID: 280-52986-25

Date Sampled: 03/07/2014 1146

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1606.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1703			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1703				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.1		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-52986-26

Date Sampled: 03/10/2014 1504

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1670.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/20/2014 0951			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0951				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	22		0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0576-2

Lab Sample ID: 280-52986-27

Date Sampled: 03/10/2014 1535

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1674.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2014 1103			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 1103				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	24		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0524

Lab Sample ID: 280-52986-28

Date Sampled: 03/08/2014 0800

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1607.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1721			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1721				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.92	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0525

Lab Sample ID: 280-52986-29

Date Sampled: 03/08/2014 0830

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1608.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1739			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1739				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.0		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0541

Lab Sample ID: 280-52986-30

Date Sampled: 03/07/2014 1555

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1609.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1758			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1758				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.4		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0542

Lab Sample ID: 280-52986-31

Date Sampled: 03/07/2014 1625

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1610.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1816			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1816				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.7		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0549

Lab Sample ID: 280-52986-32

Date Sampled: 03/07/2014 1655

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1611.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1835			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1835				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.5		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0554C

Lab Sample ID: 280-52986-33

Date Sampled: 03/07/2014 1430

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1638.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/19/2014 1416			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1416				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	87		2.2	10

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-52986-34

Date Sampled: 03/10/2014 0835

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1639.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1434			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1434				

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)	111		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-52986-35

Date Sampled: 03/10/2014 0905

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1675.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2014 1121			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 1121				

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)	106		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-52986-36

Date Sampled: 03/10/2014 1020

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1676.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 1139			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 1139				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-52986-37

Date Sampled: 03/10/2014 1110

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1642.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1528			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1528				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-52986-38

Date Sampled: 03/10/2014 1145

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1677.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/20/2014 1157			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	150		4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-52986-39

Date Sampled: 03/10/2014 1245

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1678.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 1215			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 1215				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.98	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-52986-40

Date Sampled: 03/08/2014 0920

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1645.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1641			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1641				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.3		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-52986-41

Date Sampled: 03/08/2014 0955

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1646.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/19/2014 1659			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1659				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.1	J	0.88	4.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-52986-42

Date Sampled: 03/08/2014 1030

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1647.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1717			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1717				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.5		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2451

Lab Sample ID: 280-52986-43

Date Sampled: 03/10/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1679.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/20/2014 1233			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 1233				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	22		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2452

Lab Sample ID: 280-52986-44

Date Sampled: 03/10/2014 1600

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1629.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/19/2014 1133			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1133				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	150		2.2	10

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-2453

Lab Sample ID: 280-52986-45

Date Sampled: 03/08/2014 1200

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217732	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1725.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/21/2014 0639			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 0639				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	7.2		1.1	5.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-52986-47

Date Sampled: 03/10/2014 1445

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1650.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1811			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1811				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-52986-48

Date Sampled: 03/10/2014 1530

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218160	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1831.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/24/2014 2154			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2154				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	60		2.2	10

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-52986-49

Date Sampled: 03/10/2014 1615

Client Matrix: Water

Date Received: 03/12/2014 0950

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

Analysis Method:	8260B SIM	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1652.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1847			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1847				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.8		0.22	1.0

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

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
280-52986-1	PIN12-0579-1	97	88	92	87
280-52986-2	PIN12-0579-2	103	99	90	89
280-52986-3	PIN12-0579-3	105	101	89	90
280-52986-4	PIN12-0584-1	103	98	90	83
280-52986-5	PIN12-0584-2	104	99	87	85
280-52986-6	PIN12-0584-3	108	108	89	85
280-52986-7	PIN12-0586-1	106	104	88	84
280-52986-8	PIN12-0586-2	108	103	90	87
280-52986-9	PIN12-0586-3	106	104	87	87
280-52986-10	PIN12-2450	99	93	89	85
280-52986-10 DL	PIN12-2450 DL	108	99	93	89
280-52986-11	PIN99-2575	102	100	88	84
280-52986-12	PIN12-0561-1	106	105	88	88
280-52986-13	PIN12-0561-2	97	87	95	90
280-52986-14	PIN12-0561-3	97	92	90	82
280-52986-15	PIN12-0568-1	102	98	92	85
280-52986-16	PIN12-0568-2	99	96	88	81
280-52986-17	PIN12-0568-3	104	101	93	86
280-52986-18	PIN12-0569-1	103	98	85	83
280-52986-19	PIN12-0569-2	103	102	89	84
280-52986-20	PIN12-0569-3	103	99	90	83
280-52986-21	PIN12-0570-1	104	102	91	88
280-52986-22	PIN12-0570-2	103	99	91	84
280-52986-23	PIN12-0570-3	103	103	91	83
280-52986-24	PIN12-0572-1	105	101	91	84
280-52986-25	PIN12-0572-2	104	100	88	82
280-52986-25 DL	PIN12-0572-2 DL	109	106	93	88
280-52986-26	PIN12-0576-1	102	101	89	82
280-52986-27	PIN12-0576-2	104	102	92	84

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

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
280-52986-28	PIN12-0524	107	101	89	83
280-52986-28 DL	PIN12-0524 DL	113	109	93	90
280-52986-29	PIN12-0525	101	99	87	81
280-52986-30	PIN12-0541	104	102	91	84
280-52986-31	PIN12-0542	103	104	91	87
280-52986-32	PIN12-0549	102	104	94	86
280-52986-33	PIN12-0554C	112	111	90	89
280-52986-33 DL	PIN12-0554C DL	85	84	95	89
280-52986-34	PIN12-0581-1	109	109	86	87
280-52986-35	PIN12-0581-2	114	108	95	121X
280-52986-36	PIN12-0581-3	114	111	88	113
280-52986-37	PIN12-0582-1	106	100	91	114
280-52986-38	PIN12-0582-2	101	101	90	110
280-52986-38 DL	PIN12-0582-2 DL	106	103	87	110
280-52986-39	PIN12-0582-3	99	98	89	101
280-52986-40	PIN12-0585-1	111	103	89	110
280-52986-41	PIN12-0585-2	101	98	85	95
280-52986-41 DL	PIN12-0585-2 DL	105	105	88	93
280-52986-42	PIN12-0585-3	111	108	91	115
280-52986-42 DL	PIN12-0585-3 DL	111	107	93	109
280-52986-43	PIN12-2451	104	102	81	99
280-52986-44	PIN12-2452	103	99	87	110
280-52986-44 DL	PIN12-2452 DL	105	102	80	109
280-52986-45	PIN12-2453	105	105	114	105
280-52986-45 DL	PIN12-2453 DL	109	104	109	106
280-52986-46	PIN99-2581	111	105	107	102
280-52986-47	PIN12-S73B	111	108	83	88
280-52986-48	PIN12-S73C	104	102	85	85
280-52986-48 DL	PIN12-S73C DL	90	88	103	98
280-52986-49	PIN12-S73D	107	108	87	85

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

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 280-216804/5		106	99	96	93
MB 280-216810/5		102	101	91	112
MB 280-216967/5		106	102	92	87
MB 280-217195/6		112	105	110	113
MB 280-217508/5		104	103	83	86
MB 280-217757/6		89	92	95	85
LCS 280-216804/4		99	92	90	85
LCS 280-216810/4		96	98	82	102
LCS 280-216967/4		106	101	92	83
LCS 280-217195/4		119	113	113	109
LCS 280-217508/4		108	108	92	89
LCS 280-217757/4		95	95	98	96
280-52986-1 MS	PIN12-0579-1 MS	96	87	91	82
280-52986-13 MS	PIN12-0561-2 MS	100	92	91	82
280-52990-F-3 MS		94	93	81	98
280-53139-C-8 MS		112	104	106	104
280-53126-E-1 MS		104	99	89	87
280-53150-B-20 MS		93	94	98	94
280-52986-1 MSD	PIN12-0579-1 MSD	98	95	89	83
280-52986-13 MSD	PIN12-0561-2 MSD	98	94	91	82
280-52990-F-3 MSD		91	94	82	99
280-53139-C-8 MSD		106	99	99	98
280-53126-E-1 MSD		105	101	93	89
280-53150-B-20 MSD		85	89	95	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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-52986-1	PIN12-0579-1	112
280-52986-2	PIN12-0579-2	98
280-52986-3	PIN12-0579-3	93
280-52986-4	PIN12-0584-1	95
280-52986-5	PIN12-0584-2	95
280-52986-6	PIN12-0584-3	100
280-52986-7	PIN12-0586-1	98
280-52986-8	PIN12-0586-2	97
280-52986-9	PIN12-0586-3	103
280-52986-10	PIN12-2450	98
280-52986-12	PIN12-0561-1	97
280-52986-13	PIN12-0561-2	96
280-52986-14	PIN12-0561-3	96
280-52986-15	PIN12-0568-1	114
280-52986-16	PIN12-0568-2	105
280-52986-17	PIN12-0568-3	94
280-52986-18	PIN12-0569-1	103
280-52986-19	PIN12-0569-2	101
280-52986-20	PIN12-0569-3	106
280-52986-21	PIN12-0570-1	98
280-52986-22	PIN12-0570-2	103
280-52986-23	PIN12-0570-3	107
280-52986-24	PIN12-0572-1	104
280-52986-25	PIN12-0572-2	108
280-52986-26	PIN12-0576-1	110
280-52986-27	PIN12-0576-2	104
280-52986-28	PIN12-0524	106
280-52986-29	PIN12-0525	93
280-52986-30	PIN12-0541	101

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-52986-31	PIN12-0542	100
280-52986-32	PIN12-0549	109
280-52986-33	PIN12-0554C	100
280-52986-34	PIN12-0581-1	111
280-52986-35	PIN12-0581-2	106
280-52986-36	PIN12-0581-3	105
280-52986-37	PIN12-0582-1	113
280-52986-38	PIN12-0582-2	119
280-52986-39	PIN12-0582-3	111
280-52986-40	PIN12-0585-1	111
280-52986-41	PIN12-0585-2	100
280-52986-42	PIN12-0585-3	111
280-52986-43	PIN12-2451	107
280-52986-44	PIN12-2452	103
280-52986-45	PIN12-2453	102
280-52986-47	PIN12-S73B	96
280-52986-48	PIN12-S73C	98
280-52986-49	PIN12-S73D	99
MB 280-217094/5		104
MB 280-217187/9		91
MB 280-217378/9		97
MB 280-217545/5		98
MB 280-217732/15		93
MB 280-218160/17		95
LCS 280-217094/3		100
LCS 280-217187/3		101
LCS 280-217378/3		106
LCS 280-217545/7		100
LCS 280-217732/13		100
LCS 280-218160/15		97
Surrogate	Acceptance Limits	
DCA = 1,2-Dichloroethane-d4 (Surr)	70-127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCSD 280-217094/4		96
LCSD 280-217187/4		106
LCSD 280-217378/4		119
LCSD 280-217545/4		109
LCSD 280-217732/14		100
LCSD 280-218160/16		93
280-52986-1 MS	PIN12-0579-1 MS	98
280-52986-15 MS	PIN12-0568-1 MS	95
280-52986-26 MS	PIN12-0576-1 MS	106
280-52986-44 MS	PIN12-2452 MS	100
280-52986-1 MSD	PIN12-0579-1 MSD	110
280-52986-15 MSD	PIN12-0568-1 MSD	107
280-52986-26 MSD	PIN12-0576-1 MSD	108
280-52986-44 MSD	PIN12-2452 MSD	116

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-216804

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216804/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 0945
 Prep Date: 03/14/2014 0945
 Leach Date: N/A

Analysis Batch: 280-216804
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3312.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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	1.50	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-216804

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216804/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 0945
 Prep Date: 03/14/2014 0945
 Leach Date: N/A

Analysis Batch: 280-216804
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3312.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	99	70 - 127
Toluene-d8 (Surr)	96	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Control Sample - Batch: 280-216804

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 280-216804/4	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3311.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 0902	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 0902				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.45	89	74 - 135	
Bromodichloromethane	5.00	4.61	92	73 - 135	
Carbon tetrachloride	5.00	5.20	104	67 - 135	
Chlorobenzene	5.00	4.27	85	76 - 135	
Chloroform	5.00	4.64	93	76 - 120	
1,3-Dichlorobenzene	5.00	4.25	85	74 - 135	
1,1-Dichloroethane	5.00	4.39	88	75 - 135	
trans-1,2-Dichloroethene	5.00	4.66	93	75 - 135	
1,1-Dichloroethene	5.00	4.38	88	71 - 136	
1,2-Dichloropropane	5.00	4.22	84	71 - 120	
Ethylbenzene	5.00	4.21	84	72 - 120	
Methylene Chloride	5.00	5.88	118	54 - 141	
Tetrachloroethene	5.00	4.56	91	70 - 135	
Toluene	5.00	4.87	97	73 - 120	
1,1,1-Trichloroethane	5.00	4.85	97	70 - 135	
Trichloroethene	5.00	4.72	94	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 127
Toluene-d8 (Surr)	90	80 - 125
4-Bromofluorobenzene (Surr)	85	78 - 120
Dibromofluoromethane (Surr)	99	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216804**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-52986-1	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3317.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1137			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1137				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-52986-1	Analysis Batch:	280-216804	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3318.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1200			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1200				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	86	89	74 - 135	4	20		
Bromodichloromethane	91	97	73 - 135	6	20		
Carbon tetrachloride	105	110	67 - 135	4	21		
Chlorobenzene	83	85	76 - 135	2	20		
Chloroform	89	92	76 - 120	4	20		
1,3-Dichlorobenzene	81	84	74 - 135	4	20		
1,1-Dichloroethane	84	88	75 - 135	5	21		
trans-1,2-Dichloroethene	89	94	75 - 135	5	24		
1,1-Dichloroethene	83	86	71 - 136	3	20		
1,2-Dichloropropane	80	86	71 - 120	7	20		
Ethylbenzene	83	85	72 - 120	2	26		
Methylene Chloride	88	91	54 - 141	3	20		
Tetrachloroethene	92	94	70 - 135	2	20		
Toluene	95	99	73 - 120	4	20		
1,1,1-Trichloroethane	97	102	70 - 135	4	20		
Trichloroethene	92	97	73 - 135	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	95	70 - 127
Toluene-d8 (Surr)	91	89	80 - 125
4-Bromofluorobenzene (Surr)	82	83	78 - 120
Dibromofluoromethane (Surr)	96	98	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216804**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-52986-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/14/2014 1137
Prep Date: 03/14/2014 1137
Leach Date: N/A

MSD Lab Sample ID: 280-52986-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/14/2014 1200
Prep Date: 03/14/2014 1200
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	4.28	4.47
Bromodichloromethane	0.17	U	5.00	5.00	4.53	4.83
Carbon tetrachloride	0.19	U	5.00	5.00	5.26	5.48
Chlorobenzene	0.17	U	5.00	5.00	4.15	4.25
Chloroform	0.16	U	5.00	5.00	4.43	4.62
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.04	4.20
1,1-Dichloroethane	0.22	U	5.00	5.00	4.18	4.40
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.45	4.69
1,1-Dichloroethene	0.23	U	5.00	5.00	4.15	4.29
1,2-Dichloropropane	0.18	U	5.00	5.00	4.02	4.31
Ethylbenzene	0.16	U	5.00	5.00	4.17	4.27
Methylene Chloride	0.32	U	5.00	5.00	4.41	4.53
Tetrachloroethene	0.20	U	5.00	5.00	4.61	4.72
Toluene	0.17	U	5.00	5.00	4.77	4.96
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.86	5.08
Trichloroethene	0.16	U	5.00	5.00	4.58	4.86

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-216810

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216810/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 1122
 Prep Date: 03/14/2014 1122
 Leach Date: N/A

Analysis Batch: 280-216810
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3339.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-216810

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216810/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 1122
 Prep Date: 03/14/2014 1122
 Leach Date: N/A

Analysis Batch: 280-216810
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3339.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	101	70 - 127
Toluene-d8 (Surr)	91	80 - 125
4-Bromofluorobenzene (Surr)	112	78 - 120
Dibromofluoromethane (Surr)	102	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Control Sample - Batch: 280-216810

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-216810/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 1100
 Prep Date: 03/14/2014 1100
 Leach Date: N/A

Analysis Batch: 280-216810
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS1
 Lab File ID: MS3338.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.71	94	74 - 135	
Bromodichloromethane	5.00	4.54	91	73 - 135	
Carbon tetrachloride	5.00	4.91	98	67 - 135	
Chlorobenzene	5.00	4.63	93	76 - 135	
Chloroform	5.00	4.84	97	76 - 120	
1,3-Dichlorobenzene	5.00	4.59	92	74 - 135	
1,1-Dichloroethane	5.00	4.82	96	75 - 135	
trans-1,2-Dichloroethene	5.00	5.05	101	75 - 135	
1,1-Dichloroethene	5.00	4.69	94	71 - 136	
1,2-Dichloropropane	5.00	4.58	92	71 - 120	
Ethylbenzene	5.00	4.78	96	72 - 120	
Methylene Chloride	5.00	4.76	95	54 - 141	
Tetrachloroethene	5.00	4.34	87	70 - 135	
Toluene	5.00	5.19	104	73 - 120	
1,1,1-Trichloroethane	5.00	4.90	98	70 - 135	
Trichloroethene	5.00	4.71	94	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	98		70 - 127		
Toluene-d8 (Surr)	82		80 - 125		
4-Bromofluorobenzene (Surr)	102		78 - 120		
Dibromofluoromethane (Surr)	96		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216810**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-52990-F-3 MS	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS3342.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1250			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1250				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-52990-F-3 MSD	Analysis Batch:	280-216810	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS3343.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 1311			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 1311				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	96	94	74 - 135	2	20		
Bromodichloromethane	88	86	73 - 135	2	20		
Carbon tetrachloride	101	103	67 - 135	2	21		
Chlorobenzene	91	92	76 - 135	1	20		
Chloroform	96	97	76 - 120	0	20		
1,3-Dichlorobenzene	92	92	74 - 135	0	20		
1,1-Dichloroethane	101	102	75 - 135	1	21		
trans-1,2-Dichloroethene	103	103	75 - 135	0	24		
1,1-Dichloroethene	98	96	71 - 136	2	20		
1,2-Dichloropropane	91	87	71 - 120	4	20		
Ethylbenzene	93	94	72 - 120	1	26		
Methylene Chloride	68	68	54 - 141	1	20		
Tetrachloroethene	91	93	70 - 135	2	20		
Toluene	100	99	73 - 120	1	20		
1,1,1-Trichloroethane	100	100	70 - 135	0	20		
Trichloroethene	92	92	73 - 135	0	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	93		94	70 - 127			
Toluene-d8 (Surr)	81		82	80 - 125			
4-Bromofluorobenzene (Surr)	98		99	78 - 120			
Dibromofluoromethane (Surr)	94		91	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-216810

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-52990-F-3 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 1250
 Prep Date: 03/14/2014 1250
 Leach Date: N/A

MSD Lab Sample ID: 280-52990-F-3 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 1311
 Prep Date: 03/14/2014 1311
 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	4.70
Bromodichloromethane	0.17	U	5.00	5.00	4.39	4.32
Carbon tetrachloride	0.19	U	5.00	5.00	5.07	5.16
Chlorobenzene	0.17	U	5.00	5.00	4.56	4.62
Chloroform	0.16	U	5.00	5.00	4.82	4.83
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.59	4.60
1,1-Dichloroethane	0.22	U	5.00	5.00	5.04	5.09
trans-1,2-Dichloroethene	0.39	J	5.00	5.00	5.54	5.56
1,1-Dichloroethene	0.23	U	5.00	5.00	4.88	4.79
1,2-Dichloropropane	0.18	U	5.00	5.00	4.54	4.36
Ethylbenzene	0.16	U	5.00	5.00	4.65	4.69
Methylene Chloride	0.32	U	5.00	5.00	3.41	3.38
Tetrachloroethene	0.20	U	5.00	5.00	4.54	4.64
Toluene	0.17	U	5.00	5.00	4.99	4.97
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.02	5.01
Trichloroethene	0.16	U	5.00	5.00	4.60	4.62

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-216967

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216967/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 2052
 Prep Date: 03/14/2014 2052
 Leach Date: N/A

Analysis Batch: 280-216967
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3342.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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	1.08	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-216967

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-216967/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 2052
 Prep Date: 03/14/2014 2052
 Leach Date: N/A

Analysis Batch: 280-216967
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3342.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	102	70 - 127
Toluene-d8 (Surr)	92	80 - 125
4-Bromofluorobenzene (Surr)	87	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Control Sample - Batch: 280-216967

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-216967/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 2030
 Prep Date: 03/14/2014 2030
 Leach Date: N/A

Analysis Batch: 280-216967
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3341.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.85	97	74 - 135	
Bromodichloromethane	5.00	5.18	104	73 - 135	
Carbon tetrachloride	5.00	6.57	131	67 - 135	
Chlorobenzene	5.00	4.62	92	76 - 135	
Chloroform	5.00	5.21	104	76 - 120	
1,3-Dichlorobenzene	5.00	4.49	90	74 - 135	
1,1-Dichloroethane	5.00	4.91	98	75 - 135	
trans-1,2-Dichloroethene	5.00	5.25	105	75 - 135	
1,1-Dichloroethene	5.00	4.96	99	71 - 136	
1,2-Dichloropropane	5.00	4.51	90	71 - 120	
Ethylbenzene	5.00	4.66	93	72 - 120	
Methylene Chloride	5.00	5.86	117	54 - 141	
Tetrachloroethene	5.00	5.21	104	70 - 135	
Toluene	5.00	5.32	106	73 - 120	
1,1,1-Trichloroethane	5.00	5.96	119	70 - 135	
Trichloroethene	5.00	5.35	107	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	101		70 - 127		
Toluene-d8 (Surr)	92		80 - 125		
4-Bromofluorobenzene (Surr)	83		78 - 120		
Dibromofluoromethane (Surr)	106		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-216967**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-52986-13	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3345.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2159			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2159				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-52986-13	Analysis Batch:	280-216967	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3346.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/14/2014 2221			Final Weight/Volume:	20 mL
Prep Date:	03/14/2014 2221				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	93	92	74 - 135	1	20		
Bromodichloromethane	98	97	73 - 135	1	20		
Carbon tetrachloride	123	122	67 - 135	1	21		
Chlorobenzene	88	88	76 - 135	0	20		
Chloroform	98	97	76 - 120	1	20		
1,3-Dichlorobenzene	87	86	74 - 135	1	20		
1,1-Dichloroethane	91	91	75 - 135	0	21		
trans-1,2-Dichloroethene	97	97	75 - 135	0	24		
1,1-Dichloroethene	89	89	71 - 136	1	20		
1,2-Dichloropropane	86	84	71 - 120	3	20		
Ethylbenzene	88	88	72 - 120	0	26		
Methylene Chloride	95	95	54 - 141	1	20		
Tetrachloroethene	101	102	70 - 135	1	20		
Toluene	104	103	73 - 120	1	20		
1,1,1-Trichloroethane	112	111	70 - 135	1	20		
Trichloroethene	102	101	73 - 135	1	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	92		94	70 - 127			
Toluene-d8 (Surr)	91		91	80 - 125			
4-Bromofluorobenzene (Surr)	82		82	78 - 120			
Dibromofluoromethane (Surr)	100		98	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-216967

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-52986-13 Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 2159
 Prep Date: 03/14/2014 2159
 Leach Date: N/A

MSD Lab Sample ID: 280-52986-13
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/14/2014 2221
 Prep Date: 03/14/2014 2221
 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	4.66	4.60
Bromodichloromethane	0.17	U	5.00	5.00	4.89	4.83
Carbon tetrachloride	0.19	U	5.00	5.00	6.17	6.10
Chlorobenzene	0.17	U	5.00	5.00	4.41	4.39
Chloroform	0.16	U	5.00	5.00	4.92	4.84
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.36	4.31
1,1-Dichloroethane	0.22	U	5.00	5.00	4.57	4.55
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.85	4.86
1,1-Dichloroethene	0.23	U	5.00	5.00	4.47	4.43
1,2-Dichloropropane	0.18	U	5.00	5.00	4.31	4.18
Ethylbenzene	0.16	U	5.00	5.00	4.41	4.42
Methylene Chloride	0.32	U	5.00	5.00	4.76	4.74
Tetrachloroethene	0.20	U	5.00	5.00	5.04	5.09
Toluene	0.17	U	5.00	5.00	5.18	5.14
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.60	5.57
Trichloroethene	0.16	U	5.00	5.00	5.10	5.05

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217195

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217195/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/18/2014 1015
 Prep Date: 03/18/2014 1015
 Leach Date: N/A

Analysis Batch: 280-217195
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Q
 Lab File ID: Q3277.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217195

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217195/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/18/2014 1015
 Prep Date: 03/18/2014 1015
 Leach Date: N/A

Analysis Batch: 280-217195
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Q
 Lab File ID: Q3277.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	105	70 - 127
Toluene-d8 (Surr)	110	80 - 125
4-Bromofluorobenzene (Surr)	113	78 - 120
Dibromofluoromethane (Surr)	112	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Control Sample - Batch: 280-217195

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-217195/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 0955
Prep Date: 03/18/2014 0955
Leach Date: N/A

Analysis Batch: 280-217195
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_Q
Lab File ID: Q3276.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.28	106	74 - 135	
Bromodichloromethane	5.00	5.36	107	73 - 135	
Carbon tetrachloride	5.00	6.06	121	67 - 135	
Chlorobenzene	5.00	5.00	100	76 - 135	
Chloroform	5.00	5.72	114	76 - 120	
1,3-Dichlorobenzene	5.00	4.87	97	74 - 135	
1,1-Dichloroethane	5.00	5.92	118	75 - 135	
trans-1,2-Dichloroethene	5.00	5.40	108	75 - 135	
1,1-Dichloroethene	5.00	4.99	100	71 - 136	
1,2-Dichloropropane	5.00	5.47	109	71 - 120	
Ethylbenzene	5.00	4.68	94	72 - 120	
Methylene Chloride	5.00	5.61	112	54 - 141	
Tetrachloroethene	5.00	4.76	95	70 - 135	
Toluene	5.00	5.35	107	73 - 120	
1,1,1-Trichloroethane	5.00	5.75	115	70 - 135	
Trichloroethene	5.00	4.99	100	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	113		70 - 127		
Toluene-d8 (Surr)	113		80 - 125		
4-Bromofluorobenzene (Surr)	109		78 - 120		
Dibromofluoromethane (Surr)	119		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217195**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53139-C-8 MS	Analysis Batch:	280-217195	Instrument ID:	VMS_Q
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Q3280.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1138			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1138				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53139-C-8 MSD	Analysis Batch:	280-217195	Instrument ID:	VMS_Q
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Q3281.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1157			Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1157				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	100	92	74 - 135	8	20		
Bromodichloromethane	101	95	73 - 135	6	20		
Carbon tetrachloride	124	106	67 - 135	16	21		
Chlorobenzene	92	85	76 - 135	8	20		
Chloroform	108	99	76 - 120	8	20		
1,3-Dichlorobenzene	90	87	74 - 135	4	20		
1,1-Dichloroethane	114	103	75 - 135	10	21		
trans-1,2-Dichloroethene	104	97	75 - 135	7	24		
1,1-Dichloroethene	99	87	71 - 136	13	20		
1,2-Dichloropropane	102	98	71 - 120	3	20		
Ethylbenzene	89	80	72 - 120	10	26		
Methylene Chloride	99	88	54 - 141	12	20		
Tetrachloroethene	96	84	70 - 135	13	20		
Toluene	106	94	73 - 120	12	20		
1,1,1-Trichloroethane	116	101	70 - 135	14	20		
Trichloroethene	94	90	73 - 135	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	99	70 - 127
Toluene-d8 (Surr)	106	99	80 - 125
4-Bromofluorobenzene (Surr)	104	98	78 - 120
Dibromofluoromethane (Surr)	112	106	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-217195

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-53139-C-8 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/18/2014 1138
 Prep Date: 03/18/2014 1138
 Leach Date: N/A

MSD Lab Sample ID: 280-53139-C-8 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/18/2014 1157
 Prep Date: 03/18/2014 1157
 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	5.00	4.62
Bromodichloromethane	0.17	U	5.00	5.00	5.06	4.76
Carbon tetrachloride	0.19	U	5.00	5.00	6.20	5.28
Chlorobenzene	0.17	U	5.00	5.00	4.58	4.23
Chloroform	0.16	U	5.00	5.00	5.38	4.97
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.52	4.33
1,1-Dichloroethane	0.22	U	5.00	5.00	5.68	5.13
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.22	4.87
1,1-Dichloroethene	0.23	U	5.00	5.00	4.97	4.36
1,2-Dichloropropane	0.18	U	5.00	5.00	5.08	4.91
Ethylbenzene	0.16	U	5.00	5.00	4.43	4.02
Methylene Chloride	0.32	U	5.00	5.00	4.96	4.40
Tetrachloroethene	0.20	U	5.00	5.00	4.78	4.19
Toluene	0.17	U	5.00	5.00	5.32	4.70
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.80	5.04
Trichloroethene	0.16	U	5.00	5.00	4.71	4.48

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217508

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217508/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/19/2014 2019
 Prep Date: 03/19/2014 2019
 Leach Date: N/A

Analysis Batch: 280-217508
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3482.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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	0.587	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217508

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217508/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/19/2014 2019
 Prep Date: 03/19/2014 2019
 Leach Date: N/A

Analysis Batch: 280-217508
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3482.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	83	80 - 125
4-Bromofluorobenzene (Surr)	86	78 - 120
Dibromofluoromethane (Surr)	104	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Control Sample - Batch: 280-217508

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-217508/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/19/2014 1956
 Prep Date: 03/19/2014 1956
 Leach Date: N/A

Analysis Batch: 280-217508
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3481.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.89	98	74 - 135	
Bromodichloromethane	5.00	5.46	109	73 - 135	
Carbon tetrachloride	5.00	6.11	122	67 - 135	
Chlorobenzene	5.00	4.57	91	76 - 135	
Chloroform	5.00	5.29	106	76 - 120	
1,3-Dichlorobenzene	5.00	4.36	87	74 - 135	
1,1-Dichloroethane	5.00	4.85	97	75 - 135	
trans-1,2-Dichloroethene	5.00	5.02	100	75 - 135	
1,1-Dichloroethene	5.00	4.65	93	71 - 136	
1,2-Dichloropropane	5.00	4.77	95	71 - 120	
Ethylbenzene	5.00	4.50	90	72 - 120	
Methylene Chloride	5.00	5.33	107	54 - 141	
Tetrachloroethene	5.00	4.81	96	70 - 135	
Toluene	5.00	5.34	107	73 - 120	
1,1,1-Trichloroethane	5.00	5.67	113	70 - 135	
Trichloroethene	5.00	5.29	106	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	108		70 - 127		
Toluene-d8 (Surr)	92		80 - 125		
4-Bromofluorobenzene (Surr)	89		78 - 120		
Dibromofluoromethane (Surr)	108		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217508**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53126-E-1 MS	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3485.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 2126			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 2126				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53126-E-1 MSD	Analysis Batch:	280-217508	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3484.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 2104			Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 2104				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	92	99	74 - 135	7	20		
Bromodichloromethane	102	108	73 - 135	5	20		
Carbon tetrachloride	121	130	67 - 135	7	21		
Chlorobenzene	85	92	76 - 135	8	20		
Chloroform	101	106	76 - 120	5	20		
1,3-Dichlorobenzene	83	89	74 - 135	7	20		
1,1-Dichloroethane	93	98	75 - 135	5	21		
trans-1,2-Dichloroethene	98	103	75 - 135	5	24		
1,1-Dichloroethene	89	95	71 - 136	7	20		
1,2-Dichloropropane	88	93	71 - 120	5	20		
Ethylbenzene	85	92	72 - 120	8	26		
Methylene Chloride	96	101	54 - 141	5	20		
Tetrachloroethene	95	103	70 - 135	8	20		
Toluene	103	110	73 - 120	6	20		
1,1,1-Trichloroethane	112	122	70 - 135	8	20		
Trichloroethene	100	108	73 - 135	8	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	99		101	70 - 127			
Toluene-d8 (Surr)	89		93	80 - 125			
4-Bromofluorobenzene (Surr)	87		89	78 - 120			
Dibromofluoromethane (Surr)	104		105	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217508**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-53126-E-1 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2014 2126
Prep Date: 03/19/2014 2126
Leach Date: N/A

MSD Lab Sample ID: 280-53126-E-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2014 2104
Prep Date: 03/19/2014 2104
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	4.62	4.96
Bromodichloromethane	0.17	U	5.00	5.00	5.12	5.39
Carbon tetrachloride	0.19	U	5.00	5.00	6.06	6.50
Chlorobenzene	0.17	U	5.00	5.00	4.24	4.59
Chloroform	0.16	U	5.00	5.00	5.04	5.29
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.13	4.44
1,1-Dichloroethane	0.22	U	5.00	5.00	4.65	4.90
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.90	5.14
1,1-Dichloroethene	0.23	U	5.00	5.00	4.47	4.77
1,2-Dichloropropane	0.18	U	5.00	5.00	4.42	4.66
Ethylbenzene	0.16	U	5.00	5.00	4.26	4.60
Methylene Chloride	0.32	U	5.00	5.00	4.78	5.04
Tetrachloroethene	0.20	U	5.00	5.00	4.73	5.15
Toluene	0.17	U	5.00	5.00	5.16	5.50
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.59	6.08
Trichloroethene	0.16	U	5.00	5.00	5.02	5.42

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217757

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217757/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/20/2014 2214
 Prep Date: 03/20/2014 2214
 Leach Date: N/A

Analysis Batch: 280-217757
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R2
 Lab File ID: RR1069.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217757

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217757/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/20/2014 2214
 Prep Date: 03/20/2014 2214
 Leach Date: N/A

Analysis Batch: 280-217757
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R2
 Lab File ID: RR1069.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	92	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	85	78 - 120
Dibromofluoromethane (Surr)	89	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Lab Control Sample - Batch: 280-217757

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-217757/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/20/2014 2151
 Prep Date: 03/20/2014 2151
 Leach Date: N/A

Analysis Batch: 280-217757
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R2
 Lab File ID: RR1068.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.04	101	74 - 135	
Bromodichloromethane	5.00	4.84	97	73 - 135	
Carbon tetrachloride	5.00	6.07	121	67 - 135	
Chlorobenzene	5.00	5.06	101	76 - 135	
Chloroform	5.00	5.03	101	76 - 120	
1,3-Dichlorobenzene	5.00	5.10	102	74 - 135	
1,1-Dichloroethane	5.00	5.52	110	75 - 135	
trans-1,2-Dichloroethene	5.00	5.38	108	75 - 135	
1,1-Dichloroethene	5.00	5.57	111	71 - 136	
1,2-Dichloropropane	5.00	5.06	101	71 - 120	
Ethylbenzene	5.00	5.24	105	72 - 120	
Methylene Chloride	5.00	5.60	112	54 - 141	
Tetrachloroethene	5.00	5.21	104	70 - 135	
Toluene	5.00	5.30	106	73 - 120	
1,1,1-Trichloroethane	5.00	5.77	115	70 - 135	
Trichloroethene	5.00	5.23	105	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	95		70 - 127		
Toluene-d8 (Surr)	98		80 - 125		
4-Bromofluorobenzene (Surr)	96		78 - 120		
Dibromofluoromethane (Surr)	95		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217757**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53150-B-20 MS	Analysis Batch:	280-217757	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1073.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 2351			Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 2351				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53150-B-20 MSD	Analysis Batch:	280-217757	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1074.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 0014			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 0014				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	96	90	74 - 135	7	20		
Bromodichloromethane	93	88	73 - 135	5	20		
Carbon tetrachloride	103	92	67 - 135	12	21		
Chlorobenzene	97	92	76 - 135	5	20		
Chloroform	95	86	76 - 120	11	20		
1,3-Dichlorobenzene	99	93	74 - 135	6	20		
1,1-Dichloroethane	101	90	75 - 135	11	21		
trans-1,2-Dichloroethene	99	86	75 - 135	14	24		
1,1-Dichloroethene	95	84	71 - 136	12	20		
1,2-Dichloropropane	98	93	71 - 120	5	20		
Ethylbenzene	98	93	72 - 120	5	26		
Methylene Chloride	89	81	54 - 141	10	20		
Tetrachloroethene	97	91	70 - 135	5	20		
Toluene	97	91	73 - 120	7	20		
1,1,1-Trichloroethane	99	89	70 - 135	10	20		
Trichloroethene	97	91	73 - 135	7	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	94		89	70 - 127			
Toluene-d8 (Surr)	98		95	80 - 125			
4-Bromofluorobenzene (Surr)	94		92	78 - 120			
Dibromofluoromethane (Surr)	93		85	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-217757

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-53150-B-20 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/20/2014 2351
 Prep Date: 03/20/2014 2351
 Leach Date: N/A

MSD Lab Sample ID: 280-53150-B-20 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/21/2014 0014
 Prep Date: 03/21/2014 0014
 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	4.50
Bromodichloromethane	0.17	U	5.00	5.00	4.63	4.42
Carbon tetrachloride	0.19	U	5.00	5.00	5.16	4.59
Chlorobenzene	0.17	U	5.00	5.00	4.85	4.62
Chloroform	0.16	U	5.00	5.00	4.75	4.28
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.95	4.66
1,1-Dichloroethane	0.22	U	5.00	5.00	5.04	4.51
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.96	4.32
1,1-Dichloroethene	0.23	U	5.00	5.00	4.75	4.19
1,2-Dichloropropane	0.18	U	5.00	5.00	4.89	4.67
Ethylbenzene	0.16	U	5.00	5.00	4.88	4.64
Methylene Chloride	0.32	U	5.00	5.00	4.47	4.03
Tetrachloroethene	1.8		5.00	5.00	6.69	6.35
Toluene	0.17	U	5.00	5.00	4.87	4.54
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.95	4.46
Trichloroethene	0.16	U	5.00	5.00	4.87	4.55

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217094

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-217094/5	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1552.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1307	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1307				
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)	104	70 - 127

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-217094

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-217094/3	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1550.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1231	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1231				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-217094/4	Analysis Batch:	280-217094	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1551.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2014 1249	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/17/2014 1249				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	103	85	25 - 141	19	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	100		96		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-217094

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-217094/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1231
Prep Date: 03/17/2014 1231
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-217094/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1249
Prep Date: 03/17/2014 1249
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.17	4.26

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-217094

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1433
Prep Date: 03/17/2014 1433
Leach Date: N/A

Analysis Batch: 280-217094
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1556.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-52986-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1451
Prep Date: 03/17/2014 1451
Leach Date: N/A

Analysis Batch: 280-217094
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1557.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	97	87	25 - 141	10	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		98	110			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1
Sdg Number: 1402596

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217094

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1433
Prep Date: 03/17/2014 1433
Leach Date: N/A

MSD Lab Sample ID: 280-52986-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/17/2014 1451
Prep Date: 03/17/2014 1451
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	4.83	4.36

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217187

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-217187/9	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1592.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1246	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1246				
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)	91	70 - 127

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-217187

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-217187/3	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1586.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1016	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1016				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-217187/4	Analysis Batch:	280-217187	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1587.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2014 1035	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2014 1035				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	100	106	25 - 141	5	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	101	106			70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-217187

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-217187/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1016
Prep Date: 03/18/2014 1016
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-217187/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1035
Prep Date: 03/18/2014 1035
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.02	5.28

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-217187

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-15
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1341
Prep Date: 03/18/2014 1341
Leach Date: N/A

Analysis Batch: 280-217187
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1595.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-52986-15
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1359
Prep Date: 03/18/2014 1359
Leach Date: N/A

Analysis Batch: 280-217187
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1596.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	74	78	25 - 141	5	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		95	107			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1
Sdg Number: 1402596

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217187

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-15 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1341
Prep Date: 03/18/2014 1341
Leach Date: N/A

MSD Lab Sample ID: 280-52986-15
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2014 1359
Prep Date: 03/18/2014 1359
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	3.71	3.92

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217378

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-217378/9	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1628.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 1115	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 1115				
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)	97	70 - 127

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-217378

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-217378/3	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1622.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 0927	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 0927				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-217378/4	Analysis Batch:	280-217378	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1623.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2014 0945	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2014 0945				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	98	90	25 - 141	9	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	106		119		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-217378

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-217378/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2014 0927
Prep Date: 03/19/2014 0927
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-217378/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2014 0945
Prep Date: 03/19/2014 0945
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.92	4.48

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-217378

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-44
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2014 1151
Prep Date: 03/19/2014 1151
Leach Date: N/A

Analysis Batch: 280-217378
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1630.D
Initial Weight/Volume: 2 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-52986-44
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2014 1304
Prep Date: 03/19/2014 1304
Leach Date: N/A

Analysis Batch: 280-217378
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1634.D
Initial Weight/Volume: 2 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	99	129	25 - 141	7	20		E
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		100	116			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1
Sdg Number: 1402596

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217378

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-44 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2014 1151
Prep Date: 03/19/2014 1151
Leach Date: N/A

MSD Lab Sample ID: 280-52986-44
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2014 1304
Prep Date: 03/19/2014 1304
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,4-Dioxane	150	50.0	50.0	197	212	E

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217545

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-217545/5	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1668.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0915	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0915				
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)	98	70 - 127

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-217545

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-217545/7	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1669.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0933	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0933				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-217545/4	Analysis Batch:	280-217545	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1666.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/20/2014 0839	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/20/2014 0839				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	86	99	25 - 141	14	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	100		109		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-217545

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-217545/7 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/20/2014 0933
Prep Date: 03/20/2014 0933
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-217545/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/20/2014 0839
Prep Date: 03/20/2014 0839
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.31	4.93

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-217545

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-26
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/20/2014 1009
Prep Date: 03/20/2014 1009
Leach Date: N/A

Analysis Batch: 280-217545
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1671.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-52986-26
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/20/2014 1027
Prep Date: 03/20/2014 1027
Leach Date: N/A

Analysis Batch: 280-217545
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1672.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	78	111	25 - 141	16	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		106	108			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1
Sdg Number: 1402596

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217545

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-52986-26 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/20/2014 1009
Prep Date: 03/20/2014 1009
Leach Date: N/A

MSD Lab Sample ID: 280-52986-26
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/20/2014 1027
Prep Date: 03/20/2014 1027
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	22	20.0	20.0	38.1	44.6

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-217732

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-217732/15	Analysis Batch:	280-217732	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 0107	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 0107				
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/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-217732

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-217732/13	Analysis Batch:	280-217732	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1716.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 0031	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 0031				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-217732/14	Analysis Batch:	280-217732	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1717.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 0049	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 0049				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	111	113	25 - 141	1	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	100		100		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1
Sdg Number: 1402596

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-217732

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-217732/13 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/21/2014 0031
Prep Date: 03/21/2014 0031
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-217732/14
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/21/2014 0049
Prep Date: 03/21/2014 0049
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.57	5.65

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

Method Blank - Batch: 280-218160

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-218160/17	Analysis Batch:	280-218160	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1830.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2136	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2136				
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/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-218160

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-218160/15	Analysis Batch:	280-218160	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1827.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2041	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2041				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-218160/16	Analysis Batch:	280-218160	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1828.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2059	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2059				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	105	92	25 - 141	14	20		
Surrogate		LCS % Rec	LCSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)		97	93		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1
Sdg Number: 1402596

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-218160

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-218160/15 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/24/2014 2041
Prep Date: 03/24/2014 2041
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-218160/16
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/24/2014 2059
Prep Date: 03/24/2014 2059
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.26	4.58

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-216804					
LCS 280-216804/4	Lab Control Sample	T	Water	8260B	
MB 280-216804/5	Method Blank	T	Water	8260B	
280-52986-1	PIN12-0579-1	T	Water	8260B	
280-52986-1MS	Matrix Spike	T	Water	8260B	
280-52986-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-52986-2	PIN12-0579-2	T	Water	8260B	
280-52986-3	PIN12-0579-3	T	Water	8260B	
280-52986-4	PIN12-0584-1	T	Water	8260B	
280-52986-5	PIN12-0584-2	T	Water	8260B	
280-52986-6	PIN12-0584-3	T	Water	8260B	
280-52986-7	PIN12-0586-1	T	Water	8260B	
280-52986-8	PIN12-0586-2	T	Water	8260B	
280-52986-9	PIN12-0586-3	T	Water	8260B	
280-52986-10	PIN12-2450	T	Water	8260B	
280-52986-10DL	PIN12-2450	T	Water	8260B	
280-52986-11	PIN99-2575	T	Water	8260B	
280-52986-12	PIN12-0561-1	T	Water	8260B	
Analysis Batch:280-216810					
LCS 280-216810/4	Lab Control Sample	T	Water	8260B	
MB 280-216810/5	Method Blank	T	Water	8260B	
280-52986-35	PIN12-0581-2	T	Water	8260B	
280-52986-36	PIN12-0581-3	T	Water	8260B	
280-52986-37	PIN12-0582-1	T	Water	8260B	
280-52986-38	PIN12-0582-2	T	Water	8260B	
280-52986-38DL	PIN12-0582-2	T	Water	8260B	
280-52986-39	PIN12-0582-3	T	Water	8260B	
280-52986-40	PIN12-0585-1	T	Water	8260B	
280-52986-41	PIN12-0585-2	T	Water	8260B	
280-52986-41DL	PIN12-0585-2	T	Water	8260B	
280-52986-42	PIN12-0585-3	T	Water	8260B	
280-52986-42DL	PIN12-0585-3	T	Water	8260B	
280-52986-43	PIN12-2451	T	Water	8260B	
280-52986-44	PIN12-2452	T	Water	8260B	
280-52986-44DL	PIN12-2452	T	Water	8260B	
280-52990-F-3 MS	Matrix Spike	T	Water	8260B	
280-52990-F-3 MSD	Matrix Spike Duplicate	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-216967					
LCS 280-216967/4	Lab Control Sample	T	Water	8260B	
MB 280-216967/5	Method Blank	T	Water	8260B	
280-52986-13	PIN12-0561-2	T	Water	8260B	
280-52986-13MS	Matrix Spike	T	Water	8260B	
280-52986-13MSD	Matrix Spike Duplicate	T	Water	8260B	
280-52986-14	PIN12-0561-3	T	Water	8260B	
280-52986-15	PIN12-0568-1	T	Water	8260B	
280-52986-16	PIN12-0568-2	T	Water	8260B	
280-52986-17	PIN12-0568-3	T	Water	8260B	
280-52986-18	PIN12-0569-1	T	Water	8260B	
280-52986-19	PIN12-0569-2	T	Water	8260B	
280-52986-20	PIN12-0569-3	T	Water	8260B	
280-52986-21	PIN12-0570-1	T	Water	8260B	
280-52986-22	PIN12-0570-2	T	Water	8260B	
280-52986-23	PIN12-0570-3	T	Water	8260B	
280-52986-24	PIN12-0572-1	T	Water	8260B	
280-52986-25	PIN12-0572-2	T	Water	8260B	
280-52986-25DL	PIN12-0572-2	T	Water	8260B	
280-52986-26	PIN12-0576-1	T	Water	8260B	
280-52986-27	PIN12-0576-2	T	Water	8260B	
280-52986-28	PIN12-0524	T	Water	8260B	
280-52986-28DL	PIN12-0524	T	Water	8260B	
280-52986-29	PIN12-0525	T	Water	8260B	
280-52986-30	PIN12-0541	T	Water	8260B	
280-52986-31	PIN12-0542	T	Water	8260B	
280-52986-32	PIN12-0549	T	Water	8260B	
Analysis Batch:280-217094					
LCS 280-217094/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-217094/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-217094/5	Method Blank	T	Water	8260B SIM	
280-52986-1	PIN12-0579-1	T	Water	8260B SIM	
280-52986-1MS	Matrix Spike	T	Water	8260B SIM	
280-52986-1MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-52986-2	PIN12-0579-2	T	Water	8260B SIM	
280-52986-3	PIN12-0579-3	T	Water	8260B SIM	
280-52986-4	PIN12-0584-1	T	Water	8260B SIM	
280-52986-5	PIN12-0584-2	T	Water	8260B SIM	
280-52986-6	PIN12-0584-3	T	Water	8260B SIM	
280-52986-7	PIN12-0586-1	T	Water	8260B SIM	
280-52986-8	PIN12-0586-2	T	Water	8260B SIM	
280-52986-9	PIN12-0586-3	T	Water	8260B SIM	

TestAmerica Denver

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-217187					
LCS 280-217187/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-217187/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-217187/9	Method Blank	T	Water	8260B SIM	
280-52986-10	PIN12-2450	T	Water	8260B SIM	
280-52986-13	PIN12-0561-2	T	Water	8260B SIM	
280-52986-14	PIN12-0561-3	T	Water	8260B SIM	
280-52986-15	PIN12-0568-1	T	Water	8260B SIM	
280-52986-15MS	Matrix Spike	T	Water	8260B SIM	
280-52986-15MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-52986-16	PIN12-0568-2	T	Water	8260B SIM	
280-52986-17	PIN12-0568-3	T	Water	8260B SIM	
280-52986-21	PIN12-0570-1	T	Water	8260B SIM	
280-52986-22	PIN12-0570-2	T	Water	8260B SIM	
280-52986-23	PIN12-0570-3	T	Water	8260B SIM	
280-52986-24	PIN12-0572-1	T	Water	8260B SIM	
280-52986-25	PIN12-0572-2	T	Water	8260B SIM	
280-52986-28	PIN12-0524	T	Water	8260B SIM	
280-52986-29	PIN12-0525	T	Water	8260B SIM	
280-52986-30	PIN12-0541	T	Water	8260B SIM	
280-52986-31	PIN12-0542	T	Water	8260B SIM	
280-52986-32	PIN12-0549	T	Water	8260B SIM	
Analysis Batch:280-217195					
LCS 280-217195/4	Lab Control Sample	T	Water	8260B	
MB 280-217195/6	Method Blank	T	Water	8260B	
280-52986-45	PIN12-2453	T	Water	8260B	
280-52986-45DL	PIN12-2453	T	Water	8260B	
280-52986-46	PIN99-2581	T	Water	8260B	
280-53139-C-8 MS	Matrix Spike	T	Water	8260B	
280-53139-C-8 MSD	Matrix Spike Duplicate	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-217378					
LCS 280-217378/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-217378/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-217378/9	Method Blank	T	Water	8260B SIM	
280-52986-12	PIN12-0561-1	T	Water	8260B SIM	
280-52986-18	PIN12-0569-1	T	Water	8260B SIM	
280-52986-19	PIN12-0569-2	T	Water	8260B SIM	
280-52986-20	PIN12-0569-3	T	Water	8260B SIM	
280-52986-33	PIN12-0554C	T	Water	8260B SIM	
280-52986-34	PIN12-0581-1	T	Water	8260B SIM	
280-52986-37	PIN12-0582-1	T	Water	8260B SIM	
280-52986-40	PIN12-0585-1	T	Water	8260B SIM	
280-52986-41	PIN12-0585-2	T	Water	8260B SIM	
280-52986-42	PIN12-0585-3	T	Water	8260B SIM	
280-52986-44	PIN12-2452	T	Water	8260B SIM	
280-52986-44MS	Matrix Spike	T	Water	8260B SIM	
280-52986-44MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-52986-47	PIN12-S73B	T	Water	8260B SIM	
280-52986-49	PIN12-S73D	T	Water	8260B SIM	
Analysis Batch:280-217508					
LCS 280-217508/4	Lab Control Sample	T	Water	8260B	
MB 280-217508/5	Method Blank	T	Water	8260B	
280-52986-33	PIN12-0554C	T	Water	8260B	
280-52986-34	PIN12-0581-1	T	Water	8260B	
280-52986-47	PIN12-S73B	T	Water	8260B	
280-52986-48	PIN12-S73C	T	Water	8260B	
280-52986-49	PIN12-S73D	T	Water	8260B	
280-53126-E-1 MS	Matrix Spike	T	Water	8260B	
280-53126-E-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-217545					
LCS 280-217545/7	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-217545/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-217545/5	Method Blank	T	Water	8260B SIM	
280-52986-26	PIN12-0576-1	T	Water	8260B SIM	
280-52986-26MS	Matrix Spike	T	Water	8260B SIM	
280-52986-26MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-52986-27	PIN12-0576-2	T	Water	8260B SIM	
280-52986-35	PIN12-0581-2	T	Water	8260B SIM	
280-52986-36	PIN12-0581-3	T	Water	8260B SIM	
280-52986-38	PIN12-0582-2	T	Water	8260B SIM	
280-52986-39	PIN12-0582-3	T	Water	8260B SIM	
280-52986-43	PIN12-2451	T	Water	8260B SIM	

TestAmerica Denver

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-52986-1

Sdg Number: 1402596

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-217732					
LCS 280-217732/13	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-217732/14	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-217732/15	Method Blank	T	Water	8260B SIM	
280-52986-45	PIN12-2453	T	Water	8260B SIM	
Analysis Batch:280-217757					
LCS 280-217757/4	Lab Control Sample	T	Water	8260B	
MB 280-217757/6	Method Blank	T	Water	8260B	
280-52986-33DL	PIN12-0554C	T	Water	8260B	
280-52986-48DL	PIN12-S73C	T	Water	8260B	
280-53150-B-20 MS	Matrix Spike	T	Water	8260B	
280-53150-B-20 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-218160					
LCS 280-218160/15	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-218160/16	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-218160/17	Method Blank	T	Water	8260B SIM	
280-52986-48	PIN12-S73C	T	Water	8260B SIM	

Report Basis

T = Total

ANALYTICAL REPORT

Job Number: 280-53153-1

SDG Number: 14025946

Job Description: PINELLAS MONITORING

For:

S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Kae E Yoder
Senior Project Manager
3/31/2014 6:08 PM

Designee for
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03/31/2014

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.

TestAmerica Laboratories, Inc.

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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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 14025946

Report Number: 280-53153-1

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 3/15/2014 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 5.5° C.

GC/MS VOLATILES - SW846 8260B

In some cases, due to high concentrations of target analytes, 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.

The nominal volume analysis of sample PIN12-0540 (MDR 428) exhibited surrogate recoveries outside the control limits, biased high. Evidence of matrix interference is present; therefore, corrective action is deemed unnecessary.

Samples PIN12-0551-1 (MDR 432), PIN12-0577-1 (MDR 496) and PIN12-0577-2 (MDR 497) exhibited surrogate recoveries outside the control limits, biased high. As no detectable concentrations are present at levels greater than the reporting limits in the samples, corrective action is deemed unnecessary.

Methylene Chloride, a common laboratory contaminant, was detected in the method blanks associated with batches 280-218178 and 280-218222 at levels exceeding the reporting limit. Because this common laboratory contaminant is present in the method blanks at levels that were less than five times the reporting limit, corrective action is not required. If the associated samples reported a result above the MDL and/or RL, the result has been "B" flagged.

Naphthalene was detected in the method blank associated with batch 280-218201 at a level that was above the method detection limit but not greater than half 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.

The MS/MSD associated with batch 280-217987 exhibited percent recoveries outside the control limits, biased low, for Methylene Chloride. In addition, the accuracy and precision of Toluene could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration, and the MS/MSD concentrations were present above the instrument calibration range. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The MSD aliquot of the MS/MSD associated with batch 280-217995 exhibited a surrogate recovery outside the control limits, biased high. The MSD spike compound recoveries were in control. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

A Continuing Calibration Verification (CCV) standard associated with samples in batch 280-217763 recovered above the upper control limit for Bromomethane. No detectable concentrations of Bromomethane are present in the associated samples; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

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

Due to instrument failure, analysis of sample PIN12-0578-1 (MDR 499) was performed 1 day outside the recommended 14 day sample holding time. The associated sample result has been flagged "H".

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

1,4-Dioxane was detected in the method blanks associated with batches 280-218207 and 280-218328 at levels that were above the method detection limit but not greater than half the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated samples reported a result above the MDL and/or RL, the result has been "B" flagged.

The MS/MSD performed on sample PIN12-0540 (MDR 428) in batch 280-218207 exhibited percent recoveries outside the control limits, biased high. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data; therefore, corrective action is deemed unnecessary.

The accuracy and precision of 1,4-Dioxane in the MS/MSD associated with batch 280-218328 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data; therefore, corrective action is deemed unnecessary.

The internal standard (ISTD) responses for 1,4-Dichlorobenzene-d4 and/or Chlorobenzene-d5 in samples PIN12-S70D (MDR 510) and PIN12-0583-3 (MDR 515) were outside acceptance criteria. The ISTDs are not associated with any requested target compounds; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

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.
	F1	MS and/or MSD Recovery exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is greater than 4 times 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.
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-53153-1	PIN12-0539	Water	03/11/2014 0825	03/15/2014 0945
280-53153-1MS	PIN12-0539	Water	03/11/2014 0825	03/15/2014 0945
280-53153-1MSD	PIN12-0539	Water	03/11/2014 0825	03/15/2014 0945
280-53153-2	PIN12-0540	Water	03/11/2014 0916	03/15/2014 0945
280-53153-2MS	PIN12-0540	Water	03/11/2014 0916	03/15/2014 0945
280-53153-2MSD	PIN12-0540	Water	03/11/2014 0916	03/15/2014 0945
280-53153-3	PIN12-0580-1	Water	03/11/2014 1304	03/15/2014 0945
280-53153-4	PIN12-0580-2	Water	03/11/2014 1339	03/15/2014 0945
280-53153-5	PIN12-0580-3	Water	03/11/2014 1412	03/15/2014 0945
280-53153-6	PIN12-0583-1	Water	03/11/2014 1005	03/15/2014 0945
280-53153-7	PIN12-0583-2	Water	03/11/2014 1030	03/15/2014 0945
280-53153-8	PIN12-0583-3	Water	03/11/2014 1059	03/15/2014 0945
280-53153-9	PIN99-2582	Water	03/11/2014 0743	03/15/2014 0945
280-53153-10	PIN12-S69B	Water	03/12/2014 1415	03/15/2014 0945
280-53153-11	PIN12-S69D	Water	03/12/2014 1551	03/15/2014 0945
280-53153-12	PIN12-S70B	Water	03/12/2014 0948	03/15/2014 0945
280-53153-13	PIN12-S70C	Water	03/12/2014 1026	03/15/2014 0945
280-53153-14	PIN12-S70D	Water	03/12/2014 1127	03/15/2014 0945
280-53153-15	PIN12-S71B	Water	03/11/2014 1530	03/15/2014 0945
280-53153-16	PIN12-S71C	Water	03/12/2014 0809	03/15/2014 0945
280-53153-17	PIN12-S71D	Water	03/12/2014 0850	03/15/2014 0945
280-53153-18	PIN12-0551-1	Water	03/11/2014 1440	03/15/2014 0945
280-53153-19	PIN12-0551-2	Water	03/11/2014 1508	03/15/2014 0945
280-53153-20	PIN12-0576-3	Water	03/11/2014 1400	03/15/2014 0945
280-53153-21	PIN12-0577-1	Water	03/11/2014 0828	03/15/2014 0945
280-53153-22	PIN12-0577-2	Water	03/11/2014 0856	03/15/2014 0945
280-53153-23	PIN12-0577-3	Water	03/11/2014 0952	03/15/2014 0945
280-53153-24	PIN12-0578-1	Water	03/11/2014 1030	03/15/2014 0945
280-53153-25	PIN12-0578-2	Water	03/11/2014 1100	03/15/2014 0945
280-53153-26	PIN12-0578-3	Water	03/11/2014 1127	03/15/2014 0945
280-53153-27	PIN12-0587-1	Water	03/12/2014 0812	03/15/2014 0945
280-53153-28	PIN12-0587-2	Water	03/12/2014 0846	03/15/2014 0945
280-53153-29	PIN12-0587-3	Water	03/12/2014 0930	03/15/2014 0945
280-53153-30	PIN12-0588-1	Water	03/12/2014 1015	03/15/2014 0945
280-53153-31	PIN12-0588-2	Water	03/12/2014 1054	03/15/2014 0945
280-53153-32	PIN12-0588-3	Water	03/12/2014 1130	03/15/2014 0945
280-53153-33	PIN12-2454	Water	03/12/2014 0800	03/15/2014 0945
280-53153-34	PIN99-2576	Water	03/11/2014 0800	03/15/2014 0945
280-53153-35	PIN12-S68B	Water	03/12/2014 1430	03/15/2014 0945
280-53153-36	PIN12-S68C	Water	03/12/2014 1600	03/15/2014 0945
280-53153-37	PIN12-S68D	Water	03/12/2014 1510	03/15/2014 0945

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-53153-1	PIN12-0539					
Acetone		3.0	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.29	J	1.0	ug/L	8260B
Vinyl chloride		2.3		1.0	ug/L	8260B
1,4-Dioxane		1.2	B	1.0	ug/L	8260B SIM
280-53153-2	PIN12-0540					
Acetone		13		10	ug/L	8260B
1,1-Dichloroethane		20		1.0	ug/L	8260B
cis-1,2-Dichloroethene		30		1.0	ug/L	8260B
trans-1,2-Dichloroethene		13		1.0	ug/L	8260B
1,1-Dichloroethene		0.44	J	1.0	ug/L	8260B
Methylene Chloride		2.1		1.0	ug/L	8260B
Vinyl chloride		270		10	ug/L	8260B
1,4-Dioxane		200	B	20	ug/L	8260B SIM
280-53153-4	PIN12-0580-2					
1,1-Dichloroethane		3.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		5.0		1.0	ug/L	8260B
Vinyl chloride		130		5.0	ug/L	8260B
1,4-Dioxane		130	B	10	ug/L	8260B SIM
280-53153-5	PIN12-0580-3					
Acetone		2.8	J	10	ug/L	8260B
1,1-Dichloroethane		3.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.4		1.0	ug/L	8260B
1,1-Dichloroethene		0.28	J	1.0	ug/L	8260B
Vinyl chloride		40		1.0	ug/L	8260B
1,4-Dioxane		31	B	4.0	ug/L	8260B SIM
280-53153-6	PIN12-0583-1					
1,4-Dioxane		0.71	J B	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-53153-7	PIN12-0583-2					
Acetone		3.2	J	10	ug/L	8260B
1,1-Dichloroethane		0.96	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.22	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.4		1.0	ug/L	8260B
Vinyl chloride		21		1.0	ug/L	8260B
1,4-Dioxane		8.6	B	1.0	ug/L	8260B SIM
280-53153-8	PIN12-0583-3					
Acetone		11		10	ug/L	8260B
trans-1,2-Dichloroethene		0.17	J	1.0	ug/L	8260B
Methylene Chloride		0.93	J	1.0	ug/L	8260B
Vinyl chloride		0.76	J	1.0	ug/L	8260B
1,4-Dioxane		0.88	J B	1.0	ug/L	8260B SIM
280-53153-9	PIN99-2582					
Acetone		3.3	J	10	ug/L	8260B
Methylene Chloride		0.66	J	1.0	ug/L	8260B
280-53153-10	PIN12-S69B					
1,4-Dioxane		0.90	J	1.0	ug/L	8260B SIM
280-53153-11	PIN12-S69D					
Acetone		11		10	ug/L	8260B
cis-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
Vinyl chloride		0.40	J	1.0	ug/L	8260B
1,4-Dioxane		0.22	J	1.0	ug/L	8260B SIM
280-53153-12	PIN12-S70B					
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B
Vinyl chloride		5.3		1.0	ug/L	8260B
1,4-Dioxane		0.50	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-53153-13	PIN12-S70C					
Acetone		4.4	J	10	ug/L	8260B
1,1-Dichloroethane		6.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.6		1.0	ug/L	8260B
1,1-Dichloroethene		0.26	J	1.0	ug/L	8260B
Vinyl chloride		13		1.0	ug/L	8260B
1,4-Dioxane		19	B	1.0	ug/L	8260B SIM
280-53153-14	PIN12-S70D					
1,1-Dichloroethane		6.9		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.5		1.0	ug/L	8260B
1,1-Dichloroethene		0.46	J	1.0	ug/L	8260B
Vinyl chloride		15		1.0	ug/L	8260B
1,4-Dioxane		13	B	1.0	ug/L	8260B SIM
280-53153-15	PIN12-S71B					
Acetone		6.0	J	10	ug/L	8260B
280-53153-16	PIN12-S71C					
Acetone		2.6	J	10	ug/L	8260B
1,1-Dichloroethane		2.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19		1.0	ug/L	8260B
trans-1,2-Dichloroethene		11		1.0	ug/L	8260B
1,1-Dichloroethene		0.27	J	1.0	ug/L	8260B
Vinyl chloride		57		1.0	ug/L	8260B
1,4-Dioxane		22		4.0	ug/L	8260B SIM
280-53153-17	PIN12-S71D					
Acetone		4.8	J	10	ug/L	8260B
1,1-Dichloroethane		2.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		24		1.0	ug/L	8260B
trans-1,2-Dichloroethene		10		1.0	ug/L	8260B
1,1-Dichloroethene		0.30	J	1.0	ug/L	8260B
Vinyl chloride		48		1.0	ug/L	8260B
1,4-Dioxane		17		2.0	ug/L	8260B SIM
280-53153-18	PIN12-0551-1					
Acetone		5.0	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-53153-19 Acetone	PIN12-0551-2	4.8	J	10	ug/L	8260B
280-53153-20 Acetone	PIN12-0576-3	4.2	J	10	ug/L	8260B
1,1-Dichloroethane		0.43	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.35	J	1.0	ug/L	8260B
Toluene		0.17	J	1.0	ug/L	8260B
Vinyl chloride		0.68	J	1.0	ug/L	8260B
280-53153-21 1,4-Dioxane	PIN12-0577-1	0.80	J B	1.0	ug/L	8260B SIM
280-53153-22 Acetone	PIN12-0577-2	2.7	J	10	ug/L	8260B
1,4-Dioxane		0.66	J B	1.0	ug/L	8260B SIM
280-53153-23 Acetone	PIN12-0577-3	3.3	J	10	ug/L	8260B
Methylene Chloride		0.33	J	1.0	ug/L	8260B
1,4-Dioxane		0.61	J B	1.0	ug/L	8260B SIM
280-53153-24 Methylene Chloride	PIN12-0578-1	0.43	J	1.0	ug/L	8260B
1,4-Dioxane		0.30	J H	1.0	ug/L	8260B SIM
280-53153-25 1,4-Dioxane	PIN12-0578-2	1.6	B	1.0	ug/L	8260B SIM
280-53153-26 1,4-Dioxane	PIN12-0578-3	0.43	J B	1.0	ug/L	8260B SIM
280-53153-27 cis-1,2-Dichloroethene	PIN12-0587-1	670		20	ug/L	8260B
trans-1,2-Dichloroethene		5.6		2.0	ug/L	8260B
1,1-Dichloroethene		30		2.0	ug/L	8260B
Trichloroethene		1.4	J	2.0	ug/L	8260B
Vinyl chloride		310		20	ug/L	8260B
1,4-Dioxane		0.74	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-53153-28	PIN12-0587-2					
cis-1,2-Dichloroethene		3400		100	ug/L	8260B
trans-1,2-Dichloroethene		19		10	ug/L	8260B
1,1-Dichloroethene		160		10	ug/L	8260B
Trichloroethene		66		10	ug/L	8260B
Vinyl chloride		480		10	ug/L	8260B
1,4-Dioxane		2.2		1.0	ug/L	8260B SIM
280-53153-29	PIN12-0587-3					
1,1-Dichloroethane		0.47	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		23		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.65	J	1.0	ug/L	8260B
1,1-Dichloroethene		2.5		1.0	ug/L	8260B
Trichloroethene		1.1		1.0	ug/L	8260B
Vinyl chloride		93		4.0	ug/L	8260B
1,4-Dioxane		1.3		1.0	ug/L	8260B SIM
280-53153-30	PIN12-0588-1					
cis-1,2-Dichloroethene		0.42	J	1.0	ug/L	8260B
280-53153-31	PIN12-0588-2					
Acetone		3.6	J	10	ug/L	8260B
1,1-Dichloroethane		2.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		3.2		1.0	ug/L	8260B
Methylene Chloride		0.43	J B	1.0	ug/L	8260B
Vinyl chloride		4.8		1.0	ug/L	8260B
1,4-Dioxane		6.9		1.0	ug/L	8260B SIM
280-53153-32	PIN12-0588-3					
Acetone		27		10	ug/L	8260B
cis-1,2-Dichloroethene		0.33	J	1.0	ug/L	8260B
Methylene Chloride		0.42	J B	1.0	ug/L	8260B
Styrene		0.41	J	1.0	ug/L	8260B
Vinyl chloride		2.7		1.0	ug/L	8260B
1,4-Dioxane		0.92	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-53153-33	PIN12-2454					
cis-1,2-Dichloroethene		4100		100	ug/L	8260B
trans-1,2-Dichloroethene		21		10	ug/L	8260B
1,1-Dichloroethene		190		10	ug/L	8260B
Methylene Chloride		16	B	10	ug/L	8260B
Trichloroethene		110		10	ug/L	8260B
Vinyl chloride		720		100	ug/L	8260B
1,4-Dioxane		2.7		1.0	ug/L	8260B SIM
280-53153-34	PIN99-2576					
Methylene Chloride		0.92	J	1.0	ug/L	8260B
280-53153-35	PIN12-S68B					
Acetone		12		10	ug/L	8260B
Methylene Chloride		0.37	J B	1.0	ug/L	8260B
1,4-Dioxane		0.48	J	1.0	ug/L	8260B SIM
280-53153-36	PIN12-S68C					
Acetone		6.7	J	10	ug/L	8260B
1,1-Dichloroethane		1.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		14		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.23	J	1.0	ug/L	8260B
Methylene Chloride		0.40	J B	1.0	ug/L	8260B
Vinyl chloride		11		1.0	ug/L	8260B
1,4-Dioxane		2.7		1.0	ug/L	8260B SIM
280-53153-37	PIN12-S68D					
Acetone		10		10	ug/L	8260B
Benzene		0.42	J	1.0	ug/L	8260B
1,1-Dichloroethane		1.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		57		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.78	J	1.0	ug/L	8260B
Methylene Chloride		0.43	J B	1.0	ug/L	8260B
Vinyl chloride		44		1.0	ug/L	8260B
1,4-Dioxane		2.1		1.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

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: 280-53153-1

Sdg Number: 14025946

Method	Analyst	Analyst ID
SW846 8260B	Contreras, Evan	EC
SW846 8260B	Dobransky, Michael E	MD
SW846 8260B	Meier, Greg P	GPM
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0539

Lab Sample ID: 280-53153-1

Date Sampled: 03/11/2014 0825

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3025.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1334			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1334				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.0	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	0.26	J	0.15	1.0
trans-1,2-Dichloroethene	0.29	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0539

Lab Sample ID: 280-53153-1

Date Sampled: 03/11/2014 0825

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3025.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1334			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1334				

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	2.3		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)	101		70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0540

Lab Sample ID: 280-53153-2

Date Sampled: 03/11/2014 0916

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4380.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1031			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1031				

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	20		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	30		0.15	1.0
trans-1,2-Dichloroethene	13		0.15	1.0
1,1-Dichloroethene	0.44	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	2.1		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0540

Lab Sample ID: 280-53153-2

Date Sampled: 03/11/2014 0916

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4380.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1031			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1031				

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)	119		70 - 127
Toluene-d8 (Surr)	177	X	80 - 125
4-Bromofluorobenzene (Surr)	124	X	78 - 120
Dibromofluoromethane (Surr)	121	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0540

Lab Sample ID: 280-53153-2

Date Sampled: 03/11/2014 0916

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4381.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/24/2014 1054	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1054				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	270		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-53153-3

Date Sampled: 03/11/2014 1304

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3029.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1505			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1505				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-53153-3

Date Sampled: 03/11/2014 1304

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3029.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1505			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1505				

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)	101		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	116		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-53153-4

Date Sampled: 03/11/2014 1339

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3030.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1527			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1527				

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	3.3		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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-53153-4

Date Sampled: 03/11/2014 1339

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3030.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1527			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 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
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)	101		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-53153-4

Date Sampled: 03/11/2014 1339

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4379.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	03/24/2014 1008	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1008				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	130		0.50	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-53153-5

Date Sampled: 03/11/2014 1412

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3031.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1550			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1550				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	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	3.1		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	3.4		0.15	1.0
1,1-Dichloroethene	0.28	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-53153-5

Date Sampled: 03/11/2014 1412

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3031.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1550			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1550				

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	40		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)	104		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-53153-6

Date Sampled: 03/11/2014 1005

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3032.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1612			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1612				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-53153-6

Date Sampled: 03/11/2014 1005

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3032.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1612			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1612				

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)	115		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-53153-7

Date Sampled: 03/11/2014 1030

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3033.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1634			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1634				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	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	0.96	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.22	J	0.15	1.0
trans-1,2-Dichloroethene	2.4		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-53153-7

Date Sampled: 03/11/2014 1030

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-217763	Instrument ID: VMS_G
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: G3033.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/21/2014 1634		Final Weight/Volume: 20 mL
Prep Date: 03/21/2014 1634		

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	21		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)	107		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-53153-8

Client Matrix: Water

Date Sampled: 03/11/2014 1059

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-217987	Instrument ID: VMS_Z
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: Z4378.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/24/2014 0945		Final Weight/Volume: 20 mL
Prep Date: 03/24/2014 0945		

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	0.17	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	0.93	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-53153-8

Date Sampled: 03/11/2014 1059

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4378.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 0945			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 0945				

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	0.76	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)	92		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN99-2582

Lab Sample ID: 280-53153-9

Date Sampled: 03/11/2014 0743

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3035.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1719			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1719				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	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	0.66	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN99-2582

Lab Sample ID: 280-53153-9

Date Sampled: 03/11/2014 0743

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3035.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1719			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1719				

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)	119		70 - 127
Toluene-d8 (Surr)	109		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-53153-10

Date Sampled: 03/12/2014 1415

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1162.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1452			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1452				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-53153-10

Date Sampled: 03/12/2014 1415

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1162.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1452			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1452				

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)	88		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	85		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-53153-11

Date Sampled: 03/12/2014 1551

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1163.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1515			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1515				

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	0.34	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-53153-11

Date Sampled: 03/12/2014 1551

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1163.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1515			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1515				

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	0.40	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)	98		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-53153-12

Date Sampled: 03/12/2014 0948

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1164.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1538			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1538				

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	12		0.15	1.0
trans-1,2-Dichloroethene	0.37	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-53153-12

Date Sampled: 03/12/2014 0948

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1164.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1538			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1538				

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	5.3		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)	93		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	88		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-53153-13

Date Sampled: 03/12/2014 1026

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1165.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1601			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1601				

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	6.1		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	3.6		0.15	1.0
1,1-Dichloroethene	0.26	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-53153-13

Date Sampled: 03/12/2014 1026

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1165.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1601			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1601				

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)	100		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-53153-14

Date Sampled: 03/12/2014 1127

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1166.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1625			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1625				

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	6.9		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	6.5		0.15	1.0
1,1-Dichloroethene	0.46	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-53153-14

Date Sampled: 03/12/2014 1127

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1166.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1625			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1625				

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)	89		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	87		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-53153-15

Date Sampled: 03/11/2014 1530

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3036.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1741			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1741				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.0	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-53153-15

Date Sampled: 03/11/2014 1530

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3036.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1741			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1741				

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)	104		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-53153-16

Date Sampled: 03/12/2014 0809

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218222	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1217.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1324			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.6	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	2.7		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	11		0.15	1.0
1,1-Dichloroethene	0.27	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-53153-16

Date Sampled: 03/12/2014 0809

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218222	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1217.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1324			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 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
Vinyl chloride	57		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)	98		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-53153-17

Date Sampled: 03/12/2014 0850

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218222	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1218.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1347			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1347				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.8	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	2.1		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	24		0.15	1.0
trans-1,2-Dichloroethene	10		0.15	1.0
1,1-Dichloroethene	0.30	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-53153-17

Date Sampled: 03/12/2014 0850

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218222	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1218.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1347			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1347				

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	48		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)	97		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	88		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0551-1

Lab Sample ID: 280-53153-18

Date Sampled: 03/11/2014 1440

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3037.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1804			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1804				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.0	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0551-1

Lab Sample ID: 280-53153-18

Client Matrix: Water

Date Sampled: 03/11/2014 1440

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3037.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1804			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1804				

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)	129	X	70 - 127
Toluene-d8 (Surr)	113		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	122	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-53153-19

Date Sampled: 03/11/2014 1508

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3038.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1826			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1826				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.8	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-53153-19

Date Sampled: 03/11/2014 1508

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3038.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1826			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1826				

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)	121		70 - 127
Toluene-d8 (Surr)	110		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	116		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-53153-20

Date Sampled: 03/11/2014 1400

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3039.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1849			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1849				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.2	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	0.43	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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-53153-20

Date Sampled: 03/11/2014 1400

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3039.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1849			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1849				

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	0.68	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)	126		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-53153-21

Date Sampled: 03/11/2014 0828

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217995	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3134.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2004			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2004				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-53153-21

Date Sampled: 03/11/2014 0828

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217995	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3134.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2004			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2004				

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)	139	X	70 - 127
Toluene-d8 (Surr)	114		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-53153-22

Date Sampled: 03/11/2014 0856

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217995	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3133.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1942			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1942				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-53153-22

Date Sampled: 03/11/2014 0856

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217995	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G3133.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1942			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1942				

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)	169	X	70 - 127
Toluene-d8 (Surr)	130	X	80 - 125
4-Bromofluorobenzene (Surr)	131	X	78 - 120
Dibromofluoromethane (Surr)	142	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-53153-23

Date Sampled: 03/11/2014 0952

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1157.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1256			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1256				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.3	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	0.33	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-53153-23

Client Matrix: Water

Date Sampled: 03/11/2014 0952

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1157.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1256			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1256				

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)	90		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	87		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-53153-24

Date Sampled: 03/11/2014 1030

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1158.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1319			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1319				

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	0.43	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-53153-24

Date Sampled: 03/11/2014 1030

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1158.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1319			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1319				

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)	108		70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-53153-25

Date Sampled: 03/11/2014 1100

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1159.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1343			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1343				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-53153-25

Date Sampled: 03/11/2014 1100

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1159.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1343			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1343				

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)	97		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-53153-26

Date Sampled: 03/11/2014 1127

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1160.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1406			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1406				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-53153-26

Date Sampled: 03/11/2014 1127

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1160.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1406			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1406				

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)	97		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-53153-27

Date Sampled: 03/12/2014 0812

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4394.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/24/2014 1604	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1604				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	670		3.0	20
Vinyl chloride	310		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-53153-27

Date Sampled: 03/12/2014 0812

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218201	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4433.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/25/2014 0823			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0823				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.8	U	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	5.6		0.30	2.0
1,1-Dichloroethene	30		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-53153-27

Date Sampled: 03/12/2014 0812

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218201	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4433.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/25/2014 0823			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0823				

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	1.4	J	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)	96		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-53153-28

Date Sampled: 03/12/2014 0846

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4395.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/24/2014 1627			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1627				

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	19		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-53153-28

Date Sampled: 03/12/2014 0846

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4395.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/24/2014 1627			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1627				

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	66		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	480		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)	98		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-53153-28

Date Sampled: 03/12/2014 0846

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4396.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	03/24/2014 1650	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	3400		15	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-53153-29

Date Sampled: 03/12/2014 0930

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4397.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1713			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1713				

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	0.47	J	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	0.65	J	0.15	1.0
1,1-Dichloroethene	2.5		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-53153-29

Date Sampled: 03/12/2014 0930

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4397.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1713			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1713				

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	1.1		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)	97		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-53153-29

Date Sampled: 03/12/2014 0930

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218201	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4432.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2014 0800	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0800				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	93		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-53153-30

Date Sampled: 03/12/2014 1015

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4398.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1737			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1737				

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	0.42	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-53153-30

Date Sampled: 03/12/2014 1015

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Z4398.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1737			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1737				

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)	97		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-53153-31

Date Sampled: 03/12/2014 1054

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8453.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2254			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2254				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.6	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	2.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	3.2		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	0.43	J B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-53153-31

Date Sampled: 03/12/2014 1054

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8453.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2254			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2254				

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	4.8		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)	105		70 - 127
Toluene-d8 (Surr)	109		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-53153-32

Date Sampled: 03/12/2014 1130

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8456.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2356			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2356				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	27		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	0.33	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	0.42	J B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-53153-32

Date Sampled: 03/12/2014 1130

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8456.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2356			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2356				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.41	J	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	2.7		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)	109		70 - 127
Toluene-d8 (Surr)	106		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-2454

Lab Sample ID: 280-53153-33

Date Sampled: 03/12/2014 0800

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8457.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	03/25/2014 0017	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0017				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	4100		15	100
Vinyl chloride	720		10	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	109		80 - 125
4-Bromofluorobenzene (Surr)	111		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-2454

Lab Sample ID: 280-53153-33

Date Sampled: 03/12/2014 0800

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8476.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/25/2014 0649			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0649				

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	21		1.5	10
1,1-Dichloroethene	190		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	16	B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-2454

Lab Sample ID: 280-53153-33

Date Sampled: 03/12/2014 0800

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8476.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/25/2014 0649			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0649				

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	110		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
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)	114		70 - 127
Toluene-d8 (Surr)	111		80 - 125
4-Bromofluorobenzene (Surr)	111		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN99-2576

Lab Sample ID: 280-53153-34

Date Sampled: 03/11/2014 0800

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1161.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1429			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1429				

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	0.92	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN99-2576

Lab Sample ID: 280-53153-34

Date Sampled: 03/11/2014 0800

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR1161.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1429			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1429				

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)	99		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	88		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-53153-35

Date Sampled: 03/12/2014 1430

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8459.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0058			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0058				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	12		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	0.37	J B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-53153-35

Date Sampled: 03/12/2014 1430

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8459.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0058			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0058				

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)	106		70 - 127
Toluene-d8 (Surr)	111		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-53153-36

Client Matrix: Water

Date Sampled: 03/12/2014 1600

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8460.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0119			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0119				

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
1,1-Dichloroethane	1.5		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	14		0.15	1.0
trans-1,2-Dichloroethene	0.23	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	0.40	J B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-53153-36

Date Sampled: 03/12/2014 1600

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8460.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0119			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0119				

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)	113		70 - 127
Toluene-d8 (Surr)	108		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-53153-37

Date Sampled: 03/12/2014 1510

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8461.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0140			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0140				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10		1.9	10
Benzene	0.42	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	0.45	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	1.1		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	57		0.15	1.0
trans-1,2-Dichloroethene	0.78	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	0.43	J B	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-53153-37

Date Sampled: 03/12/2014 1510

Client Matrix: Water

Date Received: 03/15/2014 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P8461.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0140			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 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	0.17	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)	111		70 - 127
Toluene-d8 (Surr)	110		80 - 125
4-Bromofluorobenzene (Surr)	113		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0539

Lab Sample ID: 280-53153-1

Date Sampled: 03/11/2014 0825

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1856.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0929			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0929				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.2	B	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0540

Lab Sample ID: 280-53153-2

Date Sampled: 03/11/2014 0916

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1857.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/25/2014 0951			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0951				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	200	B	4.4	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-53153-3

Date Sampled: 03/11/2014 1304

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1860.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1044			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1044				

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)	88		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-53153-4

Date Sampled: 03/11/2014 1339

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1861.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/25/2014 1102			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1102				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	130	B	2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-53153-5

Date Sampled: 03/11/2014 1412

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218328	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1887.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/25/2014 1909			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1909				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	31	B	0.88	4.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-53153-6

Date Sampled: 03/11/2014 1005

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1863.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1138			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1138				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.71	J B	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-53153-7

Date Sampled: 03/11/2014 1030

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1864.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1156			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1156				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	8.6	B	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-53153-8

Date Sampled: 03/11/2014 1059

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1865.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1214			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1214				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	J B	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-53153-10

Date Sampled: 03/12/2014 1415

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1923.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1022			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1022				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.90	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-53153-11

Date Sampled: 03/12/2014 1551

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1924.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1039			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1039				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70B

Lab Sample ID: 280-53153-12

Date Sampled: 03/12/2014 0948

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1925.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1057			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1057				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.50	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70C

Lab Sample ID: 280-53153-13

Date Sampled: 03/12/2014 1026

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218328	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1899.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 2250			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 2250				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	19	B	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S70D

Lab Sample ID: 280-53153-14

Date Sampled: 03/12/2014 1127

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218328	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1900.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 2308			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 2308				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	13	B	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-53153-15

Date Sampled: 03/11/2014 1530

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1866.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1232			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1232				

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)	90		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-53153-16

Date Sampled: 03/12/2014 0809

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1935.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/26/2014 1359			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1359				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	22		0.88	4.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-53153-17

Date Sampled: 03/12/2014 0850

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1936.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/26/2014 1417			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1417				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	17		0.44	2.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0551-1

Lab Sample ID: 280-53153-18

Date Sampled: 03/11/2014 1440

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1867.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1250			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1250				

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)	92		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-53153-19

Date Sampled: 03/11/2014 1508

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1868.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1308			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1308				

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)	92		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-53153-20

Date Sampled: 03/11/2014 1400

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1869.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1326			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1326				

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)	95		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-53153-21

Date Sampled: 03/11/2014 0828

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1870.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1344			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1344				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.80	J B	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-53153-22

Date Sampled: 03/11/2014 0856

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1871.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1402			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1402				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.66	J B	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-53153-23

Date Sampled: 03/11/2014 0952

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1872.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1420			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1420				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.61	J B	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-53153-24

Date Sampled: 03/11/2014 1030

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1937.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1435			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1435				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.30	J H	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-53153-25

Date Sampled: 03/11/2014 1100

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1873.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1438			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1438				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.6	B	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-53153-26

Date Sampled: 03/11/2014 1127

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1874.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1455			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1455				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.43	J B	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-53153-27

Date Sampled: 03/12/2014 0812

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1938.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1453			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1453				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.74	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-53153-28

Date Sampled: 03/12/2014 0846

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1939.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1511			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1511				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.2		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-53153-29

Date Sampled: 03/12/2014 0930

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1940.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1529			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1529				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.3		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-53153-30

Date Sampled: 03/12/2014 1015

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1941.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1547			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1547				

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)	93		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-53153-31

Date Sampled: 03/12/2014 1054

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1928.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1152			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1152				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.9		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-53153-32

Date Sampled: 03/12/2014 1130

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1929.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1209			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1209				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.92	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-2454

Lab Sample ID: 280-53153-33

Date Sampled: 03/12/2014 0800

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1930.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1227			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1227				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.7		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-53153-35

Date Sampled: 03/12/2014 1430

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1932.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1306			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1306				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.48	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-53153-36

Date Sampled: 03/12/2014 1600

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1933.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1324			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.7		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-53153-37

Date Sampled: 03/12/2014 1510

Client Matrix: Water

Date Received: 03/15/2014 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1934.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 1342			Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 1342				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.1		0.22	1.0

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

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
280-53153-1	PIN12-0539	115	101	105	90
280-53153-2	PIN12-0540	121X	119	177X	124X
280-53153-2 DL	PIN12-0540 DL	96	96	99	99
280-53153-3	PIN12-0580-1	116	107	101	99
280-53153-4	PIN12-0580-2	114	110	101	96
280-53153-4 DL	PIN12-0580-2 DL	96	92	100	100
280-53153-5	PIN12-0580-3	117	118	104	101
280-53153-6	PIN12-0583-1	113	115	99	97
280-53153-7	PIN12-0583-2	117	119	107	106
280-53153-8	PIN12-0583-3	97	92	102	101
280-53153-9	PIN99-2582	115	119	109	108
280-53153-10	PIN12-S69B	85	88	88	88
280-53153-11	PIN12-S69D	92	98	97	94
280-53153-12	PIN12-S70B	88	93	95	93
280-53153-13	PIN12-S70C	97	100	103	98
280-53153-14	PIN12-S70D	87	89	92	88
280-53153-15	PIN12-S71B	110	118	104	105
280-53153-16	PIN12-S71C	94	102	100	98
280-53153-17	PIN12-S71D	88	91	97	91
280-53153-18	PIN12-0551-1	122X	129X	113	110
280-53153-19	PIN12-0551-2	116	121	110	103
280-53153-20	PIN12-0576-3	115	126	107	100
280-53153-21	PIN12-0577-1	117	139X	114	110
280-53153-22	PIN12-0577-2	142X	169X	130X	131X
280-53153-23	PIN12-0577-3	87	90	90	85
280-53153-24	PIN12-0578-1	105	108	106	106
280-53153-25	PIN12-0578-2	91	97	98	95
280-53153-26	PIN12-0578-3	92	91	97	92
280-53153-27 DL	PIN12-0587-1 DL	97	95	99	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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

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
280-53153-27	PIN12-0587-1	100	96	101	100
280-53153-28	PIN12-0587-2	98	98	97	99
280-53153-28 DL	PIN12-0587-2 DL	97	94	96	98
280-53153-29	PIN12-0587-3	98	99	97	98
280-53153-29 DL	PIN12-0587-3 DL	101	96	103	104
280-53153-30	PIN12-0588-1	98	97	98	97
280-53153-31	PIN12-0588-2	104	105	109	112
280-53153-32	PIN12-0588-3	104	109	106	110
280-53153-33 DL	PIN12-2454 DL	102	104	109	111
280-53153-33	PIN12-2454	107	114	111	111
280-53153-34	PIN99-2576	88	91	99	96
280-53153-35	PIN12-S68B	104	106	111	110
280-53153-36	PIN12-S68C	107	113	108	112
280-53153-37	PIN12-S68D	105	111	110	113
MB 280-217763/5		112	112	105	101
MB 280-217986/6		97	102	101	99
MB 280-217987/6		98	97	98	96
MB 280-217995/5		113	122	108	104
MB 280-218178/7		103	104	109	112
MB 280-218201/6		103	102	105	105
MB 280-218222/6		89	91	91	90
LCS 280-217763/4		112	116	110	99
LCS 280-217986/4		86	91	94	91
LCS 280-217987/4		99	93	104	91
LCS 280-217995/4		109	120	103	96
LCS 280-218178/6		100	96	109	109
LCS 280-218201/4		104	102	112	107
LCS 280-218222/4		103	107	106	104
280-53153-1 MS	PIN12-0539 MS	111	104	100	92
280-53153-31 MS	PIN12-0588-2 MS	105	110	109	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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

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
280-53176-D-20 MS		93	97	112	100
280-53050-E-15 MS		103	98	113	106
280-53248-B-1 MS		108	117	105	95
280-53333-B-2 MS		105	102	113	106
280-53271-D-17 MS		84	93	90	86
280-53153-1 MSD	PIN12-0539 MSD	113	106	102	98
280-53153-31 MSD	PIN12-0588-2 MSD	104	107	108	108
280-53176-D-20 MSD		94	97	96	95
280-53050-E-15 MSD		101	97	109	103
280-53248-B-1 MSD		114	130X	107	103
280-53333-B-2 MSD		105	100	113	107
280-53271-D-17 MSD		91	97	95	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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-53153-1	PIN12-0539	81
280-53153-2	PIN12-0540	88
280-53153-3	PIN12-0580-1	88
280-53153-4	PIN12-0580-2	93
280-53153-5	PIN12-0580-3	92
280-53153-6	PIN12-0583-1	93
280-53153-7	PIN12-0583-2	89
280-53153-8	PIN12-0583-3	91
280-53153-10	PIN12-S69B	89
280-53153-11	PIN12-S69D	96
280-53153-12	PIN12-S70B	89
280-53153-13	PIN12-S70C	94
280-53153-14	PIN12-S70D	95
280-53153-15	PIN12-S71B	90
280-53153-16	PIN12-S71C	96
280-53153-17	PIN12-S71D	94
280-53153-18	PIN12-0551-1	92
280-53153-19	PIN12-0551-2	92
280-53153-20	PIN12-0576-3	95
280-53153-21	PIN12-0577-1	95
280-53153-22	PIN12-0577-2	94
280-53153-23	PIN12-0577-3	91
280-53153-24	PIN12-0578-1	92
280-53153-25	PIN12-0578-2	91
280-53153-26	PIN12-0578-3	91
280-53153-27	PIN12-0587-1	96
280-53153-28	PIN12-0587-2	93
280-53153-29	PIN12-0587-3	92
280-53153-30	PIN12-0588-1	93

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-53153-31	PIN12-0588-2	94
280-53153-32	PIN12-0588-3	99
280-53153-33	PIN12-2454	92
280-53153-35	PIN12-S68B	91
280-53153-36	PIN12-S68C	90
280-53153-37	PIN12-S68D	99
MB 280-218207/5		84
MB 280-218328/5		96
MB 280-218390/5		93
LCS 280-218207/3		92
LCS 280-218328/3		106
LCS 280-218390/3		101
LCSD 280-218207/4		86
LCSD 280-218328/4		98
LCSD 280-218390/4		95
280-53153-2 MS	PIN12-0540 MS	107
280-53195-C-2 MS		100
280-53214-N-1 MS		91
280-53153-2 MSD	PIN12-0540 MSD	91
280-53195-C-2 MSD		99
280-53214-N-1 MSD		94

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-217763

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217763/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/21/2014 0943
 Prep Date: 03/21/2014 0943
 Leach Date: N/A

Analysis Batch: 280-217763
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G3015.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-217763

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217763/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/21/2014 0943
 Prep Date: 03/21/2014 0943
 Leach Date: N/A

Analysis Batch: 280-217763
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G3015.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	112	70 - 127
Toluene-d8 (Surr)	105	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	112	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-217763

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-217763/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/21/2014 0920
Prep Date: 03/21/2014 0920
Leach Date: N/A

Analysis Batch: 280-217763
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_G
Lab File ID: G3014.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.75	95	74 - 135	
Bromodichloromethane	5.00	4.81	96	73 - 135	
Carbon tetrachloride	5.00	5.81	116	67 - 135	
Chlorobenzene	5.00	4.73	95	76 - 135	
Chloroform	5.00	5.21	104	76 - 120	
1,3-Dichlorobenzene	5.00	4.65	93	74 - 135	
1,1-Dichloroethane	5.00	4.79	96	75 - 135	
trans-1,2-Dichloroethene	5.00	4.99	100	75 - 135	
1,1-Dichloroethene	5.00	4.87	97	71 - 136	
1,2-Dichloropropane	5.00	4.49	90	71 - 120	
Ethylbenzene	5.00	5.15	103	72 - 120	
Methylene Chloride	5.00	4.79	96	54 - 141	
Tetrachloroethene	5.00	5.37	107	70 - 135	
Toluene	5.00	4.96	99	73 - 120	
1,1,1-Trichloroethane	5.00	5.79	116	70 - 135	
Trichloroethene	5.00	5.21	104	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	116		70 - 127		
Toluene-d8 (Surr)	110		80 - 125		
4-Bromofluorobenzene (Surr)	99		78 - 120		
Dibromofluoromethane (Surr)	112		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217763**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53153-1	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3026.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1357			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1357				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53153-1	Analysis Batch:	280-217763	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G3027.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/21/2014 1419			Final Weight/Volume:	20 mL
Prep Date:	03/21/2014 1419				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	89	91	74 - 135	2	20		
Bromodichloromethane	89	91	73 - 135	2	20		
Carbon tetrachloride	91	95	67 - 135	4	21		
Chlorobenzene	93	95	76 - 135	2	20		
Chloroform	92	94	76 - 120	2	20		
1,3-Dichlorobenzene	92	94	74 - 135	2	20		
1,1-Dichloroethane	90	90	75 - 135	0	21		
trans-1,2-Dichloroethene	94	91	75 - 135	3	24		
1,1-Dichloroethene	84	86	71 - 136	2	20		
1,2-Dichloropropane	85	87	71 - 120	2	20		
Ethylbenzene	90	92	72 - 120	2	26		
Methylene Chloride	90	91	54 - 141	1	20		
Tetrachloroethene	95	99	70 - 135	3	20		
Toluene	91	92	73 - 120	1	20		
1,1,1-Trichloroethane	91	93	70 - 135	2	20		
Trichloroethene	91	91	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	106	70 - 127
Toluene-d8 (Surr)	100	102	80 - 125
4-Bromofluorobenzene (Surr)	92	98	78 - 120
Dibromofluoromethane (Surr)	111	113	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217763**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-53153-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/21/2014 1357
Prep Date: 03/21/2014 1357
Leach Date: N/A

MSD Lab Sample ID: 280-53153-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/21/2014 1419
Prep Date: 03/21/2014 1419
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	4.45	4.55
Bromodichloromethane	0.17	U	5.00	5.00	4.46	4.55
Carbon tetrachloride	0.19	U	5.00	5.00	4.57	4.74
Chlorobenzene	0.17	U	5.00	5.00	4.64	4.74
Chloroform	0.16	U	5.00	5.00	4.60	4.70
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.59	4.70
1,1-Dichloroethane	0.22	U	5.00	5.00	4.50	4.51
trans-1,2-Dichloroethene	0.29	J	5.00	5.00	5.00	4.86
1,1-Dichloroethene	0.23	U	5.00	5.00	4.20	4.28
1,2-Dichloropropane	0.18	U	5.00	5.00	4.26	4.33
Ethylbenzene	0.16	U	5.00	5.00	4.52	4.59
Methylene Chloride	0.32	U	5.00	5.00	4.50	4.55
Tetrachloroethene	0.20	U	5.00	5.00	4.77	4.93
Toluene	0.17	U	5.00	5.00	4.55	4.58
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.55	4.63
Trichloroethene	0.16	U	5.00	5.00	4.56	4.53

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-217986

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217986/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 0838
 Prep Date: 03/24/2014 0838
 Leach Date: N/A

Analysis Batch: 280-217986
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R2
 Lab File ID: RR1146.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-217986

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217986/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 0838
 Prep Date: 03/24/2014 0838
 Leach Date: N/A

Analysis Batch: 280-217986
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R2
 Lab File ID: RR1146.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	102	70 - 127
Toluene-d8 (Surr)	101	80 - 125
4-Bromofluorobenzene (Surr)	99	78 - 120
Dibromofluoromethane (Surr)	97	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-217986

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-217986/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/24/2014 0800
Prep Date: 03/24/2014 0800
Leach Date: N/A

Analysis Batch: 280-217986
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_R2
Lab File ID: RR1145.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.41	88	74 - 135	
Bromodichloromethane	5.00	3.86	77	73 - 135	
Carbon tetrachloride	5.00	4.79	96	67 - 135	
Chlorobenzene	5.00	4.50	90	76 - 135	
Chloroform	5.00	4.21	84	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	4.34	87	75 - 135	
1,1-Dichloroethene	5.00	4.22	84	71 - 136	
1,2-Dichloropropane	5.00	4.52	90	71 - 120	
Ethylbenzene	5.00	4.51	90	72 - 120	
Methylene Chloride	5.00	4.33	87	54 - 141	
Tetrachloroethene	5.00	4.73	95	70 - 135	
Toluene	5.00	4.65	93	73 - 120	
1,1,1-Trichloroethane	5.00	4.49	90	70 - 135	
Trichloroethene	5.00	4.55	91	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	91		70 - 127		
Toluene-d8 (Surr)	94		80 - 125		
4-Bromofluorobenzene (Surr)	91		78 - 120		
Dibromofluoromethane (Surr)	86		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217986**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53176-D-20 MS	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1154.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1147			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1147				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53176-D-20 MSD	Analysis Batch:	280-217986	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1155.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 1210			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1210				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	88	88	74 - 135	0	20		
Bromodichloromethane	90	90	73 - 135	0	20		
Carbon tetrachloride	94	96	67 - 135	2	21		
Chlorobenzene	87	89	76 - 135	2	20		
Chloroform	87	89	76 - 120	3	20		
1,3-Dichlorobenzene	91	90	74 - 135	2	20		
1,1-Dichloroethane	90	91	75 - 135	1	21		
trans-1,2-Dichloroethene	87	89	75 - 135	1	24		
1,1-Dichloroethene	83	84	71 - 136	2	20		
1,2-Dichloropropane	91	92	71 - 120	1	20		
Ethylbenzene	88	88	72 - 120	0	26		
Methylene Chloride	74	66	54 - 141	8	20		
Tetrachloroethene	92	90	70 - 135	2	20		
Toluene	90	89	73 - 120	1	20		
1,1,1-Trichloroethane	90	92	70 - 135	2	20		
Trichloroethene	90	91	73 - 135	1	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	97		97	70 - 127			
Toluene-d8 (Surr)	112		96	80 - 125			
4-Bromofluorobenzene (Surr)	100		95	78 - 120			
Dibromofluoromethane (Surr)	93		94	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-217986

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-53176-D-20 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 1147
 Prep Date: 03/24/2014 1147
 Leach Date: N/A

MSD Lab Sample ID: 280-53176-D-20 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 1210
 Prep Date: 03/24/2014 1210
 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	4.41	4.42
Bromodichloromethane	0.17	U	5.00	5.00	4.50	4.49
Carbon tetrachloride	0.19	U	5.00	5.00	4.70	4.79
Chlorobenzene	0.17	U	5.00	5.00	4.37	4.44
Chloroform	0.16	U	5.00	5.00	4.34	4.45
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.56	4.49
1,1-Dichloroethane	0.22	U	5.00	5.00	4.51	4.56
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.36	4.43
1,1-Dichloroethene	0.23	U	5.00	5.00	4.13	4.21
1,2-Dichloropropane	0.18	U	5.00	5.00	4.54	4.60
Ethylbenzene	0.16	U	5.00	5.00	4.41	4.41
Methylene Chloride	1.2		5.00	5.00	4.93	4.56
Tetrachloroethene	0.20	U	5.00	5.00	4.58	4.50
Toluene	0.17	U	5.00	5.00	4.50	4.46
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.48	4.58
Trichloroethene	0.16	U	5.00	5.00	4.50	4.54

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-217987

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217987/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 0858
 Prep Date: 03/24/2014 0858
 Leach Date: N/A

Analysis Batch: 280-217987
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Z
 Lab File ID: Z4376.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-217987

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217987/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 0858
 Prep Date: 03/24/2014 0858
 Leach Date: N/A

Analysis Batch: 280-217987
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Z
 Lab File ID: Z4376.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	97	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-217987

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-217987/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 0835
 Prep Date: 03/24/2014 0835
 Leach Date: N/A

Analysis Batch: 280-217987
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Z
 Lab File ID: Z4375.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.14	83	74 - 135	
Bromodichloromethane	5.00	4.20	84	73 - 135	
Carbon tetrachloride	5.00	4.35	87	67 - 135	
Chlorobenzene	5.00	4.52	90	76 - 135	
Chloroform	5.00	4.23	85	76 - 120	
1,3-Dichlorobenzene	5.00	4.75	95	74 - 135	
1,1-Dichloroethane	5.00	4.27	85	75 - 135	
trans-1,2-Dichloroethene	5.00	4.37	87	75 - 135	
1,1-Dichloroethene	5.00	4.10	82	71 - 136	
1,2-Dichloropropane	5.00	4.37	87	71 - 120	
Ethylbenzene	5.00	4.39	88	72 - 120	
Methylene Chloride	5.00	2.83	57	54 - 141	
Tetrachloroethene	5.00	4.47	89	70 - 135	
Toluene	5.00	4.26	85	73 - 120	
1,1,1-Trichloroethane	5.00	4.24	85	70 - 135	
Trichloroethene	5.00	4.28	86	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	93		70 - 127		
Toluene-d8 (Surr)	104		80 - 125		
4-Bromofluorobenzene (Surr)	91		78 - 120		
Dibromofluoromethane (Surr)	99		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217987**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53050-E-15 MS	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z4384.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.05 mL
Analysis Date:	03/24/2014 1211			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1211				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53050-E-15 MSD	Analysis Batch:	280-217987	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z4385.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.05 mL
Analysis Date:	03/24/2014 1234			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1234				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	107	103	74 - 135	2	20		
Bromodichloromethane	97	98	73 - 135	1	20		
Carbon tetrachloride	109	108	67 - 135	0	21		
Chlorobenzene	110	106	76 - 135	4	20		
Chloroform	105	104	76 - 120	1	20		
1,3-Dichlorobenzene	111	112	74 - 135	0	20		
1,1-Dichloroethane	95	104	75 - 135	4	21		
trans-1,2-Dichloroethene	109	104	75 - 135	4	24		
1,1-Dichloroethene	102	101	71 - 136	1	20		
1,2-Dichloropropane	102	101	71 - 120	1	20		
Ethylbenzene	109	106	72 - 120	2	26		
Methylene Chloride	35	34	54 - 141	1	20	F1	F1
Tetrachloroethene	113	108	70 - 135	4	20		
Toluene	169	143	73 - 120	2	20	E 4	E 4
1,1,1-Trichloroethane	109	105	70 - 135	4	20		
Trichloroethene	105	104	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	97	70 - 127
Toluene-d8 (Surr)	113	109	80 - 125
4-Bromofluorobenzene (Surr)	106	103	78 - 120
Dibromofluoromethane (Surr)	103	101	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-217987

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-53050-E-15 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 1211
 Prep Date: 03/24/2014 1211
 Leach Date: N/A

MSD Lab Sample ID: 280-53050-E-15 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 1234
 Prep Date: 03/24/2014 1234
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	1900		2000	2000	4040	3970	
Bromodichloromethane	68 U		2000	2000	1950	1960	
Carbon tetrachloride	76 U		2000	2000	2180	2170	
Chlorobenzene	68 U		2000	2000	2200	2120	
Chloroform	64 U		2000	2000	2110	2080	
1,3-Dichlorobenzene	52 U		2000	2000	2220	2230	
1,1-Dichloroethane	2300		2000	2000	4230	4410	
trans-1,2-Dichloroethene	480		2000	2000	2660	2560	
1,1-Dichloroethene	210 J		2000	2000	2250	2230	
1,2-Dichloropropane	72 U		2000	2000	2030	2020	
Ethylbenzene	260 J		2000	2000	2440	2380	
Methylene Chloride	1100		2000	2000	1780 F1	1760 F1	
Tetrachloroethene	110 J		2000	2000	2360	2270	
Toluene	22000		2000	2000	25600 E 4	25100 E 4	
1,1,1-Trichloroethane	64 U		2000	2000	2190	2100	
Trichloroethene	170 J		2000	2000	2260	2250	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-217995

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217995/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 1219
 Prep Date: 03/24/2014 1219
 Leach Date: N/A

Analysis Batch: 280-217995
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G3113.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-217995

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-217995/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 1219
 Prep Date: 03/24/2014 1219
 Leach Date: N/A

Analysis Batch: 280-217995
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_G
 Lab File ID: G3113.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	122	70 - 127
Toluene-d8 (Surr)	108	80 - 125
4-Bromofluorobenzene (Surr)	104	78 - 120
Dibromofluoromethane (Surr)	113	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-217995

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 280-217995/4	Analysis Batch:	280-217995	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:	03/24/2014 1134	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1134				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.02	100	74 - 135	
Bromodichloromethane	5.00	5.23	105	73 - 135	
Carbon tetrachloride	5.00	6.09	122	67 - 135	
Chlorobenzene	5.00	5.17	103	76 - 135	
Chloroform	5.00	5.75	115	76 - 120	
1,3-Dichlorobenzene	5.00	4.67	93	74 - 135	
1,1-Dichloroethane	5.00	5.20	104	75 - 135	
trans-1,2-Dichloroethene	5.00	5.19	104	75 - 135	
1,1-Dichloroethene	5.00	4.87	97	71 - 136	
1,2-Dichloropropane	5.00	4.77	95	71 - 120	
Ethylbenzene	5.00	5.24	105	72 - 120	
Methylene Chloride	5.00	6.10	122	54 - 141	
Tetrachloroethene	5.00	5.56	111	70 - 135	
Toluene	5.00	5.03	101	73 - 120	
1,1,1-Trichloroethane	5.00	6.08	122	70 - 135	
Trichloroethene	5.00	5.30	106	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120	70 - 127
Toluene-d8 (Surr)	103	80 - 125
4-Bromofluorobenzene (Surr)	96	78 - 120
Dibromofluoromethane (Surr)	109	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217995**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53248-B-1 MS	Analysis Batch:	280-217995	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:	20 mL
Analysis Date:	03/24/2014 1324			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1324				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53248-B-1 MSD	Analysis Batch:	280-217995	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:	20 mL
Analysis Date:	03/24/2014 1346			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 1346				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	95	100	74 - 135	5	20		
Bromodichloromethane	105	110	73 - 135	5	20		
Carbon tetrachloride	111	114	67 - 135	3	21		
Chlorobenzene	102	103	76 - 135	1	20		
Chloroform	114	117	76 - 120	3	20		
1,3-Dichlorobenzene	91	93	74 - 135	3	20		
1,1-Dichloroethane	101	104	75 - 135	3	21		
trans-1,2-Dichloroethene	97	99	75 - 135	2	24		
1,1-Dichloroethene	85	89	71 - 136	5	20		
1,2-Dichloropropane	89	95	71 - 120	7	20		
Ethylbenzene	99	99	72 - 120	0	26		
Methylene Chloride	96	103	54 - 141	7	20		
Tetrachloroethene	104	100	70 - 135	4	20		
Toluene	95	100	73 - 120	5	20		
1,1,1-Trichloroethane	114	119	70 - 135	4	20		
Trichloroethene	100	106	73 - 135	6	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	117		130	X	70 - 127		
Toluene-d8 (Surr)	105		107		80 - 125		
4-Bromofluorobenzene (Surr)	95		103		78 - 120		
Dibromofluoromethane (Surr)	108		114		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-217995**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-53248-B-1 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/24/2014 1324
Prep Date: 03/24/2014 1324
Leach Date: N/A

MSD Lab Sample ID: 280-53248-B-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/24/2014 1346
Prep Date: 03/24/2014 1346
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	4.76	5.01
Bromodichloromethane	0.17	U	5.00	5.00	5.27	5.52
Carbon tetrachloride	0.19	U	5.00	5.00	5.55	5.72
Chlorobenzene	0.17	U	5.00	5.00	5.09	5.13
Chloroform	0.16	U	5.00	5.00	5.68	5.84
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.53	4.64
1,1-Dichloroethane	0.22	U	5.00	5.00	5.05	5.20
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.86	4.96
1,1-Dichloroethene	0.23	U	5.00	5.00	4.24	4.46
1,2-Dichloropropane	0.18	U	5.00	5.00	4.43	4.77
Ethylbenzene	0.16	U	5.00	5.00	4.96	4.97
Methylene Chloride	0.32	U	5.00	5.00	4.78	5.15
Tetrachloroethene	0.20	U	5.00	5.00	5.20	5.02
Toluene	0.17	U	5.00	5.00	4.74	5.00
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.71	5.95
Trichloroethene	0.16	U	5.00	5.00	5.00	5.28

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218178

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-218178/7
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 2143
 Prep Date: 03/24/2014 2143
 Leach Date: N/A

Analysis Batch: 280-218178
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_P
 Lab File ID: P8450.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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	1.87	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218178

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-218178/7
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 2143
 Prep Date: 03/24/2014 2143
 Leach Date: N/A

Analysis Batch: 280-218178
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_P
 Lab File ID: P8450.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	109	80 - 125
4-Bromofluorobenzene (Surr)	112	78 - 120
Dibromofluoromethane (Surr)	103	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-218178

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-218178/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/24/2014 2123
 Prep Date: 03/24/2014 2123
 Leach Date: N/A

Analysis Batch: 280-218178
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_P
 Lab File ID: P8449.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.82	96	74 - 135	
Bromodichloromethane	5.00	4.46	89	73 - 135	
Carbon tetrachloride	5.00	4.40	88	67 - 135	
Chlorobenzene	5.00	4.64	93	76 - 135	
Chloroform	5.00	4.50	90	76 - 120	
1,3-Dichlorobenzene	5.00	4.78	96	74 - 135	
1,1-Dichloroethane	5.00	4.75	95	75 - 135	
trans-1,2-Dichloroethene	5.00	4.68	94	75 - 135	
1,1-Dichloroethene	5.00	4.55	91	71 - 136	
1,2-Dichloropropane	5.00	4.81	96	71 - 120	
Ethylbenzene	5.00	4.61	92	72 - 120	
Methylene Chloride	5.00	5.82	116	54 - 141	
Tetrachloroethene	5.00	4.36	87	70 - 135	
Toluene	5.00	5.03	101	73 - 120	
1,1,1-Trichloroethane	5.00	4.42	88	70 - 135	
Trichloroethene	5.00	4.68	94	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 127
Toluene-d8 (Surr)	109	80 - 125
4-Bromofluorobenzene (Surr)	109	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-218178**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53153-31	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P8454.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2315			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2315				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53153-31	Analysis Batch:	280-218178	Instrument ID:	VMS_P
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P8455.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/24/2014 2336			Final Weight/Volume:	20 mL
Prep Date:	03/24/2014 2336				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	94	92	74 - 135	2	20		
Bromodichloromethane	91	89	73 - 135	2	20		
Carbon tetrachloride	86	86	67 - 135	0	21		
Chlorobenzene	90	89	76 - 135	1	20		
Chloroform	89	88	76 - 120	0	20		
1,3-Dichlorobenzene	91	90	74 - 135	1	20		
1,1-Dichloroethane	95	94	75 - 135	0	21		
trans-1,2-Dichloroethene	92	92	75 - 135	1	24		
1,1-Dichloroethene	88	88	71 - 136	0	20		
1,2-Dichloropropane	95	93	71 - 120	2	20		
Ethylbenzene	89	87	72 - 120	2	26		
Methylene Chloride	83	84	54 - 141	0	20		
Tetrachloroethene	83	83	70 - 135	0	20		
Toluene	96	94	73 - 120	2	20		
1,1,1-Trichloroethane	88	89	70 - 135	1	20		
Trichloroethene	89	88	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	107	70 - 127
Toluene-d8 (Surr)	109	108	80 - 125
4-Bromofluorobenzene (Surr)	110	108	78 - 120
Dibromofluoromethane (Surr)	105	104	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-218178**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-53153-31 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/24/2014 2315
Prep Date: 03/24/2014 2315
Leach Date: N/A

MSD Lab Sample ID: 280-53153-31
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/24/2014 2336
Prep Date: 03/24/2014 2336
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	4.70	4.61
Bromodichloromethane	0.17	U	5.00	5.00	4.55	4.46
Carbon tetrachloride	0.19	U	5.00	5.00	4.29	4.29
Chlorobenzene	0.17	U	5.00	5.00	4.49	4.44
Chloroform	0.16	U	5.00	5.00	4.44	4.42
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.57	4.51
1,1-Dichloroethane	2.2		5.00	5.00	6.90	6.88
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.62	4.58
1,1-Dichloroethene	0.23	U	5.00	5.00	4.42	4.40
1,2-Dichloropropane	0.18	U	5.00	5.00	4.76	4.67
Ethylbenzene	0.16	U	5.00	5.00	4.45	4.35
Methylene Chloride	0.43	J	5.00	5.00	4.59	4.61
Tetrachloroethene	0.20	U	5.00	5.00	4.16	4.15
Toluene	0.17	U	5.00	5.00	4.82	4.72
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.42	4.45
Trichloroethene	0.16	U	5.00	5.00	4.46	4.40

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218201

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-218201/6
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 0732
Prep Date: 03/25/2014 0732
Leach Date: N/A

Analysis Batch: 280-218201
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_Z
Lab File ID: Z4431.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

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	0.227	J	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218201

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-218201/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/25/2014 0732
 Prep Date: 03/25/2014 0732
 Leach Date: N/A

Analysis Batch: 280-218201
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Z
 Lab File ID: Z4431.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	102	70 - 127
Toluene-d8 (Surr)	105	80 - 125
4-Bromofluorobenzene (Surr)	105	78 - 120
Dibromofluoromethane (Surr)	103	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-218201

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-218201/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/25/2014 0709
 Prep Date: 03/25/2014 0709
 Leach Date: N/A

Analysis Batch: 280-218201
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Z
 Lab File ID: Z4430.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.96	99	74 - 135	
Bromodichloromethane	5.00	4.86	97	73 - 135	
Carbon tetrachloride	5.00	5.18	104	67 - 135	
Chlorobenzene	5.00	5.22	104	76 - 135	
Chloroform	5.00	5.01	100	76 - 120	
1,3-Dichlorobenzene	5.00	5.42	108	74 - 135	
1,1-Dichloroethane	5.00	5.09	102	75 - 135	
trans-1,2-Dichloroethene	5.00	5.18	104	75 - 135	
1,1-Dichloroethene	5.00	4.89	98	71 - 136	
1,2-Dichloropropane	5.00	5.07	101	71 - 120	
Ethylbenzene	5.00	5.19	104	72 - 120	
Methylene Chloride	5.00	4.77	95	54 - 141	
Tetrachloroethene	5.00	5.28	106	70 - 135	
Toluene	5.00	5.08	102	73 - 120	
1,1,1-Trichloroethane	5.00	5.16	103	70 - 135	
Trichloroethene	5.00	5.16	103	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	102		70 - 127		
Toluene-d8 (Surr)	112		80 - 125		
4-Bromofluorobenzene (Surr)	107		78 - 120		
Dibromofluoromethane (Surr)	104		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-218201**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53333-B-2 MS	Analysis Batch:	280-218201	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z4436.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0942			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0942				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53333-B-2 MSD	Analysis Batch:	280-218201	Instrument ID:	VMS_Z
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	Z4437.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1005			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1005				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	103	99	74 - 135	3	20		
Bromodichloromethane	103	99	73 - 135	4	20		
Carbon tetrachloride	109	104	67 - 135	5	21		
Chlorobenzene	110	108	76 - 135	2	20		
Chloroform	105	102	76 - 120	3	20		
1,3-Dichlorobenzene	113	111	74 - 135	1	20		
1,1-Dichloroethane	107	104	75 - 135	2	21		
trans-1,2-Dichloroethene	106	105	75 - 135	1	24		
1,1-Dichloroethene	102	99	71 - 136	3	20		
1,2-Dichloropropane	107	105	71 - 120	2	20		
Ethylbenzene	107	105	72 - 120	1	26		
Methylene Chloride	73	72	54 - 141	1	20		
Tetrachloroethene	109	106	70 - 135	3	20		
Toluene	106	103	73 - 120	3	20		
1,1,1-Trichloroethane	108	103	70 - 135	4	20		
Trichloroethene	106	103	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	100	70 - 127
Toluene-d8 (Surr)	113	113	80 - 125
4-Bromofluorobenzene (Surr)	106	107	78 - 120
Dibromofluoromethane (Surr)	105	105	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-218201**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID: 280-53333-B-2 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 0942
Prep Date: 03/25/2014 0942
Leach Date: N/A

MSD Lab Sample ID: 280-53333-B-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1005
Prep Date: 03/25/2014 1005
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	5.15	4.97
Bromodichloromethane	0.17	U	5.00	5.00	5.13	4.94
Carbon tetrachloride	0.19	U	5.00	5.00	5.47	5.19
Chlorobenzene	0.17	U	5.00	5.00	5.50	5.40
Chloroform	0.16	U	5.00	5.00	5.26	5.10
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.63	5.57
1,1-Dichloroethane	0.22	U	5.00	5.00	5.33	5.20
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.30	5.25
1,1-Dichloroethene	0.23	U	5.00	5.00	5.10	4.97
1,2-Dichloropropane	0.18	U	5.00	5.00	5.35	5.24
Ethylbenzene	0.16	U	5.00	5.00	5.33	5.26
Methylene Chloride	0.32	U	5.00	5.00	3.64	3.59
Tetrachloroethene	0.20	U	5.00	5.00	5.47	5.32
Toluene	0.17	U	5.00	5.00	5.29	5.14
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.38	5.17
Trichloroethene	0.16	U	5.00	5.00	5.28	5.16

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218222

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-218222/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/25/2014 1040
 Prep Date: 03/25/2014 1040
 Leach Date: N/A

Analysis Batch: 280-218222
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R2
 Lab File ID: RR1210.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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	1.36	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218222

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-218222/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/25/2014 1040
 Prep Date: 03/25/2014 1040
 Leach Date: N/A

Analysis Batch: 280-218222
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R2
 Lab File ID: RR1210.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	91	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	89	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Lab Control Sample - Batch: 280-218222

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-218222/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/25/2014 1005
 Prep Date: 03/25/2014 1005
 Leach Date: N/A

Analysis Batch: 280-218222
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R2
 Lab File ID: RR1209.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.51	90	74 - 135	
Bromodichloromethane	5.00	4.61	92	73 - 135	
Carbon tetrachloride	5.00	4.78	96	67 - 135	
Chlorobenzene	5.00	4.57	91	76 - 135	
Chloroform	5.00	4.53	91	76 - 120	
1,3-Dichlorobenzene	5.00	4.67	93	74 - 135	
1,1-Dichloroethane	5.00	4.69	94	75 - 135	
trans-1,2-Dichloroethene	5.00	4.44	89	75 - 135	
1,1-Dichloroethene	5.00	4.18	84	71 - 136	
1,2-Dichloropropane	5.00	4.67	93	71 - 120	
Ethylbenzene	5.00	4.54	91	72 - 120	
Methylene Chloride	5.00	5.92	118	54 - 141	
Tetrachloroethene	5.00	4.64	93	70 - 135	
Toluene	5.00	4.60	92	73 - 120	
1,1,1-Trichloroethane	5.00	4.62	92	70 - 135	
Trichloroethene	5.00	4.56	91	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	107		70 - 127		
Toluene-d8 (Surr)	106		80 - 125		
4-Bromofluorobenzene (Surr)	104		78 - 120		
Dibromofluoromethane (Surr)	103		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-218222**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53271-D-17 MS	Analysis Batch:	280-218222	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1214.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1214			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1214				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53271-D-17 MSD	Analysis Batch:	280-218222	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR1215.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1237			Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1237				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	82	92	74 - 135	11	20		
Bromodichloromethane	85	91	73 - 135	7	20		
Carbon tetrachloride	84	92	67 - 135	10	21		
Chlorobenzene	83	89	76 - 135	7	20		
Chloroform	81	87	76 - 120	8	20		
1,3-Dichlorobenzene	84	93	74 - 135	9	20		
1,1-Dichloroethane	83	90	75 - 135	9	21		
trans-1,2-Dichloroethene	78	86	75 - 135	10	24		
1,1-Dichloroethene	73	79	71 - 136	8	20		
1,2-Dichloropropane	83	94	71 - 120	12	20		
Ethylbenzene	82	88	72 - 120	7	26		
Methylene Chloride	73	84	54 - 141	13	20		
Tetrachloroethene	84	90	70 - 135	7	20		
Toluene	83	92	73 - 120	10	20		
1,1,1-Trichloroethane	81	87	70 - 135	7	20		
Trichloroethene	82	91	73 - 135	10	20		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	93		97	70 - 127			
Toluene-d8 (Surr)	90		95	80 - 125			
4-Bromofluorobenzene (Surr)	86		93	78 - 120			
Dibromofluoromethane (Surr)	84		91	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-218222

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-53271-D-17 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1214
Prep Date: 03/25/2014 1214
Leach Date: N/A

MSD Lab Sample ID: 280-53271-D-17 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1237
Prep Date: 03/25/2014 1237
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	4.12	4.59
Bromodichloromethane	0.17	U	5.00	5.00	4.23	4.54
Carbon tetrachloride	0.19	U	5.00	5.00	4.18	4.62
Chlorobenzene	0.17	U	5.00	5.00	4.15	4.46
Chloroform	0.16	U	5.00	5.00	4.03	4.37
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.22	4.63
1,1-Dichloroethane	0.22	U	5.00	5.00	4.14	4.51
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	3.89	4.30
1,1-Dichloroethene	0.23	U	5.00	5.00	3.65	3.96
1,2-Dichloropropane	0.18	U	5.00	5.00	4.16	4.71
Ethylbenzene	0.16	U	5.00	5.00	4.12	4.42
Methylene Chloride	0.32	U	5.00	5.00	3.66	4.18
Tetrachloroethene	0.20	U	5.00	5.00	4.22	4.52
Toluene	0.17	U	5.00	5.00	4.16	4.61
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.07	4.37
Trichloroethene	0.16	U	5.00	5.00	4.12	4.56

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218207

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-218207/5	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1855.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0908	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0908				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.459	J	0.22	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-218207

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-218207/3	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1852.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0814	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0814				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-218207/4	Analysis Batch:	280-218207	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1853.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 0832	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 0832				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	94	97	25 - 141	3	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	92		86		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-218207

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-218207/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 0814
Prep Date: 03/25/2014 0814
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-218207/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 0832
Prep Date: 03/25/2014 0832
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.70	4.86

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-218207

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-53153-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1009
Prep Date: 03/25/2014 1009
Leach Date: N/A

Analysis Batch: 280-218207
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1858.D
Initial Weight/Volume: 1 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-53153-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1026
Prep Date: 03/25/2014 1026
Leach Date: N/A

Analysis Batch: 280-218207
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1859.D
Initial Weight/Volume: 1 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	144	166	25 - 141	6	20	F1	F1
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	107		91		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1
Sdg Number: 14025946

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-218207

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-53153-2 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1009
Prep Date: 03/25/2014 1009
Leach Date: N/A

MSD Lab Sample ID: 280-53153-2
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1026
Prep Date: 03/25/2014 1026
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	200	100	100	340 F1	362 F1

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218328

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-218328/5	Analysis Batch:	280-218328	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1908.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 0133	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 0133				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.222	J	0.22	1.0

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

Lab Control Sample/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-218328

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-218328/3	Analysis Batch:	280-218328	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1879.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1642	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1642				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-218328/4	Analysis Batch:	280-218328	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/25/2014 1700	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/25/2014 1700				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	120	101	25 - 141	17	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	106		98		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-218328

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-218328/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1642
Prep Date: 03/25/2014 1642
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-218328/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 1700
Prep Date: 03/25/2014 1700
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	6.00	5.06

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-218328

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-53195-C-2 MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 2039
Prep Date: 03/25/2014 2039
Leach Date: N/A

Analysis Batch: 280-218328
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1892.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-53195-C-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 2057
Prep Date: 03/25/2014 2057
Leach Date: N/A

Analysis Batch: 280-218328
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1893.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	-1102	-1083	25 - 141	8	20	4	4
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	100		99		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1
Sdg Number: 14025946

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-218328

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-53195-C-2 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 2039
Prep Date: 03/25/2014 2039
Leach Date: N/A

MSD Lab Sample ID: 280-53195-C-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/25/2014 2057
Prep Date: 03/25/2014 2057
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,4-Dioxane	66	5.00	5.00	10.9	4	11.8	4

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Method Blank - Batch: 280-218390

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-218390/5	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1921.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 0943	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 0943				
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/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-218390

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-218390/3	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1918.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 0849	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 0849				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-218390/4	Analysis Batch:	280-218390	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1919.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/26/2014 0907	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/26/2014 0907				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	92	103	25 - 141	12	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	101		95		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-218390

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-218390/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/26/2014 0849
Prep Date: 03/26/2014 0849
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-218390/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/26/2014 0907
Prep Date: 03/26/2014 0907
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.59	5.16

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-218390

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-53214-N-1 MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/26/2014 1829
Prep Date: 03/26/2014 1829
Leach Date: N/A

Analysis Batch: 280-218390
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1950.D
Initial Weight/Volume: 0.4 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-53214-N-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/26/2014 1847
Prep Date: 03/26/2014 1847
Leach Date: N/A

Analysis Batch: 280-218390
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1951.D
Initial Weight/Volume: 0.4 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	86	71	25 - 141	14	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		91	94			70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1
Sdg Number: 14025946

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-218390

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-53214-N-1 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/26/2014 1829
Prep Date: 03/26/2014 1829
Leach Date: N/A

MSD Lab Sample ID: 280-53214-N-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/26/2014 1847
Prep Date: 03/26/2014 1847
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	67	250	250	282	246

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-217763					
LCS 280-217763/4	Lab Control Sample	T	Water	8260B	
MB 280-217763/5	Method Blank	T	Water	8260B	
280-53153-1	PIN12-0539	T	Water	8260B	
280-53153-1MS	Matrix Spike	T	Water	8260B	
280-53153-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-53153-3	PIN12-0580-1	T	Water	8260B	
280-53153-4	PIN12-0580-2	T	Water	8260B	
280-53153-5	PIN12-0580-3	T	Water	8260B	
280-53153-6	PIN12-0583-1	T	Water	8260B	
280-53153-7	PIN12-0583-2	T	Water	8260B	
280-53153-9	PIN99-2582	T	Water	8260B	
280-53153-15	PIN12-S71B	T	Water	8260B	
280-53153-18	PIN12-0551-1	T	Water	8260B	
280-53153-19	PIN12-0551-2	T	Water	8260B	
280-53153-20	PIN12-0576-3	T	Water	8260B	
Analysis Batch:280-217986					
LCS 280-217986/4	Lab Control Sample	T	Water	8260B	
MB 280-217986/6	Method Blank	T	Water	8260B	
280-53153-10	PIN12-S69B	T	Water	8260B	
280-53153-11	PIN12-S69D	T	Water	8260B	
280-53153-12	PIN12-S70B	T	Water	8260B	
280-53153-13	PIN12-S70C	T	Water	8260B	
280-53153-14	PIN12-S70D	T	Water	8260B	
280-53153-23	PIN12-0577-3	T	Water	8260B	
280-53153-24	PIN12-0578-1	T	Water	8260B	
280-53153-25	PIN12-0578-2	T	Water	8260B	
280-53153-26	PIN12-0578-3	T	Water	8260B	
280-53153-34	PIN99-2576	T	Water	8260B	
280-53176-D-20 MS	Matrix Spike	T	Water	8260B	
280-53176-D-20 MSD	Matrix Spike Duplicate	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-217987					
LCS 280-217987/4	Lab Control Sample	T	Water	8260B	
MB 280-217987/6	Method Blank	T	Water	8260B	
280-53050-E-15 MS	Matrix Spike	T	Water	8260B	
280-53050-E-15 MSD	Matrix Spike Duplicate	T	Water	8260B	
280-53153-2	PIN12-0540	T	Water	8260B	
280-53153-2DL	PIN12-0540	T	Water	8260B	
280-53153-4DL	PIN12-0580-2	T	Water	8260B	
280-53153-8	PIN12-0583-3	T	Water	8260B	
280-53153-27DL	PIN12-0587-1	T	Water	8260B	
280-53153-28	PIN12-0587-2	T	Water	8260B	
280-53153-28DL	PIN12-0587-2	T	Water	8260B	
280-53153-29	PIN12-0587-3	T	Water	8260B	
280-53153-30	PIN12-0588-1	T	Water	8260B	
Analysis Batch:280-217995					
LCS 280-217995/4	Lab Control Sample	T	Water	8260B	
MB 280-217995/5	Method Blank	T	Water	8260B	
280-53153-21	PIN12-0577-1	T	Water	8260B	
280-53153-22	PIN12-0577-2	T	Water	8260B	
280-53248-B-1 MS	Matrix Spike	T	Water	8260B	
280-53248-B-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-218178					
LCS 280-218178/6	Lab Control Sample	T	Water	8260B	
MB 280-218178/7	Method Blank	T	Water	8260B	
280-53153-31	PIN12-0588-2	T	Water	8260B	
280-53153-31MS	Matrix Spike	T	Water	8260B	
280-53153-31MSD	Matrix Spike Duplicate	T	Water	8260B	
280-53153-32	PIN12-0588-3	T	Water	8260B	
280-53153-33	PIN12-2454	T	Water	8260B	
280-53153-33DL	PIN12-2454	T	Water	8260B	
280-53153-35	PIN12-S68B	T	Water	8260B	
280-53153-36	PIN12-S68C	T	Water	8260B	
280-53153-37	PIN12-S68D	T	Water	8260B	
Analysis Batch:280-218201					
LCS 280-218201/4	Lab Control Sample	T	Water	8260B	
MB 280-218201/6	Method Blank	T	Water	8260B	
280-53153-27	PIN12-0587-1	T	Water	8260B	
280-53153-29DL	PIN12-0587-3	T	Water	8260B	
280-53333-B-2 MS	Matrix Spike	T	Water	8260B	
280-53333-B-2 MSD	Matrix Spike Duplicate	T	Water	8260B	

TestAmerica Denver

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-218207					
LCS 280-218207/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-218207/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-218207/5	Method Blank	T	Water	8260B SIM	
280-53153-1	PIN12-0539	T	Water	8260B SIM	
280-53153-2	PIN12-0540	T	Water	8260B SIM	
280-53153-2MS	Matrix Spike	T	Water	8260B SIM	
280-53153-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-53153-3	PIN12-0580-1	T	Water	8260B SIM	
280-53153-4	PIN12-0580-2	T	Water	8260B SIM	
280-53153-6	PIN12-0583-1	T	Water	8260B SIM	
280-53153-7	PIN12-0583-2	T	Water	8260B SIM	
280-53153-8	PIN12-0583-3	T	Water	8260B SIM	
280-53153-15	PIN12-S71B	T	Water	8260B SIM	
280-53153-18	PIN12-0551-1	T	Water	8260B SIM	
280-53153-19	PIN12-0551-2	T	Water	8260B SIM	
280-53153-20	PIN12-0576-3	T	Water	8260B SIM	
280-53153-21	PIN12-0577-1	T	Water	8260B SIM	
280-53153-22	PIN12-0577-2	T	Water	8260B SIM	
280-53153-23	PIN12-0577-3	T	Water	8260B SIM	
280-53153-25	PIN12-0578-2	T	Water	8260B SIM	
280-53153-26	PIN12-0578-3	T	Water	8260B SIM	
Analysis Batch:280-218222					
LCS 280-218222/4	Lab Control Sample	T	Water	8260B	
MB 280-218222/6	Method Blank	T	Water	8260B	
280-53153-16	PIN12-S71C	T	Water	8260B	
280-53153-17	PIN12-S71D	T	Water	8260B	
280-53271-D-17 MS	Matrix Spike	T	Water	8260B	
280-53271-D-17 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-218328					
LCS 280-218328/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-218328/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-218328/5	Method Blank	T	Water	8260B SIM	
280-53153-5	PIN12-0580-3	T	Water	8260B SIM	
280-53153-13	PIN12-S70C	T	Water	8260B SIM	
280-53153-14	PIN12-S70D	T	Water	8260B SIM	
280-53195-C-2 MS	Matrix Spike	T	Water	8260B SIM	
280-53195-C-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53153-1

Sdg Number: 14025946

QC Association Summary

Lab Sample ID	Client Sample ID	Report	Client Matrix	Method	Prep Batch
		Basis			
GC/MS VOA					
Analysis Batch:280-218390					
LCS 280-218390/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-218390/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-218390/5	Method Blank	T	Water	8260B SIM	
280-53153-10	PIN12-S69B	T	Water	8260B SIM	
280-53153-11	PIN12-S69D	T	Water	8260B SIM	
280-53153-12	PIN12-S70B	T	Water	8260B SIM	
280-53153-16	PIN12-S71C	T	Water	8260B SIM	
280-53153-17	PIN12-S71D	T	Water	8260B SIM	
280-53153-24	PIN12-0578-1	T	Water	8260B SIM	
280-53153-27	PIN12-0587-1	T	Water	8260B SIM	
280-53153-28	PIN12-0587-2	T	Water	8260B SIM	
280-53153-29	PIN12-0587-3	T	Water	8260B SIM	
280-53153-30	PIN12-0588-1	T	Water	8260B SIM	
280-53153-31	PIN12-0588-2	T	Water	8260B SIM	
280-53153-32	PIN12-0588-3	T	Water	8260B SIM	
280-53153-33	PIN12-2454	T	Water	8260B SIM	
280-53153-35	PIN12-S68B	T	Water	8260B SIM	
280-53153-36	PIN12-S68C	T	Water	8260B SIM	
280-53153-37	PIN12-S68D	T	Water	8260B SIM	
280-53214-N-1 MS	Matrix Spike	T	Water	8260B SIM	
280-53214-N-1 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Report Basis

T = Total

ANALYTICAL REPORT

Job Number: 280-53275-1

SDG Number: 14036007

Job Description: PINELLAS MONITORING

For:

S.M. Stoller Corporation
2597 Legacy Way
Grand Junction, CO 81503
Attention: Mr. Steve Donovan



Approved for release.
Kae E Yoder
Senior Project Manager
4/9/2014 1:26 PM

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04/09/2014

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.

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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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 14036007

Report Number: 280-53275-1

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 3/20/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC/MS VOLATILES - SW846 8260B

Acetone and Methylene Chloride, common laboratory contaminants, were detected in the method blank associated with batch 280-219332 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

Due to insufficient sample volume submitted by the client, Rocky Flats sample specific MS and MSD analysis could not be performed. Standard batch MS and MSD data have been provided.

The accuracy and precision of Chlorobenzene in the MS/MSD associated with batch 280-219332 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. In addition, the MS/MSD concentrations were present above the instrument calibration range. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other analytical or quality issues were noted.

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

Surrogate 1,2-Dichloroethane-d4 was recovered outside the control limits, biased high, in the MSD aliquot of the MS/MSD performed on sample PIN12-S69C (MEU 182). The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other analytical or quality issues were noted.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

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.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times 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.
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-53275-1	PIN12-S69C	Water	03/19/2014 1042	03/20/2014 0930
280-53275-1MS	PIN12-S69C	Water	03/19/2014 1042	03/20/2014 0930
280-53275-1MSD	PIN12-S69C	Water	03/19/2014 1042	03/20/2014 0930

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-53275-1	PIN12-S69C					
Acetone		5.1	J B	10	ug/L	8260B
1,4-Dioxane		0.53	J	1.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

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: 280-53275-1

Sdg Number: 14036007

Method	Analyst	Analyst ID
SW846 8260B	Lines, Jeremy N	JNL
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-53275-1

Date Sampled: 03/19/2014 1042

Client Matrix: Water

Date Received: 03/20/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-219332	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3087.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/02/2014 0223			Final Weight/Volume:	20 mL
Prep Date:	04/02/2014 0223				

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	0.32	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-53275-1

Date Sampled: 03/19/2014 1042

Client Matrix: Water

Date Received: 03/20/2014 0930

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-219332	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3087.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	04/02/2014 0223			Final Weight/Volume:	20 mL
Prep Date:	04/02/2014 0223				

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)	81		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	83		78 - 120
Dibromofluoromethane (Surr)	79		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-53275-1

Date Sampled: 03/19/2014 1042

Client Matrix: Water

Date Received: 03/20/2014 0930

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

Analysis Method:	8260B SIM	Analysis Batch:	280-218567	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E1968.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/27/2014 1145			Final Weight/Volume:	20 mL
Prep Date:	03/27/2014 1145				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.53	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

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
280-53275-1	PIN12-S69C	79	81	89	83
MB 280-219332/5		85	85	92	89
LCS 280-219332/4		84	84	94	84
280-53388-C-12 MS		85	86	89	83
280-53388-C-12 MSD		84	83	91	85

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-53275-1	PIN12-S69C	90
MB 280-218567/31		101
LCS 280-218567/3		101
LCSD 280-218567/4		96
280-53275-1 MS	PIN12-S69C MS	97
280-53275-1 MSD	PIN12-S69C MSD	132X

Surrogate

Acceptance Limits

DCA = 1,2-Dichloroethane-d4 (Surr)

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Method Blank - Batch: 280-219332

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-219332/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/01/2014 2344
 Prep Date: 04/01/2014 2344
 Leach Date: N/A

Analysis Batch: 280-219332
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3080.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	2.60	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	0.450	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Method Blank - Batch: 280-219332

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-219332/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/01/2014 2344
 Prep Date: 04/01/2014 2344
 Leach Date: N/A

Analysis Batch: 280-219332
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3080.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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)	85	70 - 127
Toluene-d8 (Surr)	92	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	85	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Lab Control Sample - Batch: 280-219332

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-219332/4
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/01/2014 2322
 Prep Date: 04/01/2014 2322
 Leach Date: N/A

Analysis Batch: 280-219332
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3079.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.58	92	74 - 135	
Bromodichloromethane	5.00	4.07	81	73 - 135	
Carbon tetrachloride	5.00	4.61	92	67 - 135	
Chlorobenzene	5.00	4.50	90	76 - 135	
Chloroform	5.00	4.53	91	76 - 120	
1,3-Dichlorobenzene	5.00	4.44	89	74 - 135	
1,1-Dichloroethane	5.00	4.82	96	75 - 135	
trans-1,2-Dichloroethene	5.00	4.68	94	75 - 135	
1,1-Dichloroethene	5.00	4.48	90	71 - 136	
1,2-Dichloropropane	5.00	4.39	88	71 - 120	
Ethylbenzene	5.00	4.65	93	72 - 120	
Methylene Chloride	5.00	4.99	100	54 - 141	
Tetrachloroethene	5.00	4.58	92	70 - 135	
Toluene	5.00	4.63	93	73 - 120	
1,1,1-Trichloroethane	5.00	4.62	92	70 - 135	
Trichloroethene	5.00	4.54	91	73 - 135	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	84		70 - 127		
Toluene-d8 (Surr)	94		80 - 125		
4-Bromofluorobenzene (Surr)	84		78 - 120		
Dibromofluoromethane (Surr)	84		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-219332**

**Method: 8260B
Preparation: 5030B**

MS Lab Sample ID:	280-53388-C-12 MS	Analysis Batch:	280-219332	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3082.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/02/2014 0032			Final Weight/Volume:	20 mL
Prep Date:	04/02/2014 0032				20 mL
Leach Date:	N/A				

MSD Lab Sample ID:	280-53388-C-12 MSD	Analysis Batch:	280-219332	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R3083.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	04/02/2014 0054			Final Weight/Volume:	20 mL
Prep Date:	04/02/2014 0054				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	88	85	74 - 135	3	20		
Bromodichloromethane	80	82	73 - 135	2	20		
Carbon tetrachloride	87	82	67 - 135	5	21		
Chlorobenzene	-81	-143	76 - 135	3	20	E 4	E 4
Chloroform	89	85	76 - 120	4	20		
1,3-Dichlorobenzene	86	86	74 - 135	0	20		
1,1-Dichloroethane	93	90	75 - 135	4	21		
trans-1,2-Dichloroethene	90	86	75 - 135	5	24		
1,1-Dichloroethene	85	81	71 - 136	5	20		
1,2-Dichloropropane	88	88	71 - 120	1	20		
Ethylbenzene	90	88	72 - 120	3	26		
Methylene Chloride	89	87	54 - 141	2	20		
Tetrachloroethene	84	81	70 - 135	3	20		
Toluene	90	89	73 - 120	0	20		
1,1,1-Trichloroethane	88	82	70 - 135	6	20		
Trichloroethene	87	85	73 - 135	2	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	83	70 - 127
Toluene-d8 (Surr)	89	91	80 - 125
4-Bromofluorobenzene (Surr)	83	85	78 - 120
Dibromofluoromethane (Surr)	85	84	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-219332

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 280-53388-C-12 MS Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/02/2014 0032
 Prep Date: 04/02/2014 0032
 Leach Date: N/A

MSD Lab Sample ID: 280-53388-C-12 MSD
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 04/02/2014 0054
 Prep Date: 04/02/2014 0054
 Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	2.4	J	20.0	20.0	20.0	19.3
Bromodichloromethane	0.68	U	20.0	20.0	16.1	16.4
Carbon tetrachloride	0.76	U	20.0	20.0	17.4	16.5
Chlorobenzene	450		20.0	20.0	432 E 4	419 E 4
Chloroform	0.64	U	20.0	20.0	17.8	17.1
1,3-Dichlorobenzene	0.52	U	20.0	20.0	17.2	17.2
1,1-Dichloroethane	0.88	U	20.0	20.0	18.7	17.9
trans-1,2-Dichloroethene	0.60	U	20.0	20.0	18.1	17.2
1,1-Dichloroethene	0.92	U	20.0	20.0	17.1	16.2
1,2-Dichloropropane	0.72	U	20.0	20.0	17.7	17.5
Ethylbenzene	0.64	U	20.0	20.0	18.1	17.5
Methylene Chloride	1.3	U	20.0	20.0	17.8	17.3
Tetrachloroethene	0.80	U	20.0	20.0	16.7	16.3
Toluene	0.68	U	20.0	20.0	18.0	17.9
1,1,1-Trichloroethane	0.64	U	20.0	20.0	17.6	16.5
Trichloroethene	0.64	U	20.0	20.0	17.4	17.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Method Blank - Batch: 280-218567

Method: 8260B SIM

Preparation: 5030B

Lab Sample ID:	MB 280-218567/31	Analysis Batch:	280-218567	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1991.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/27/2014 1936	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/27/2014 1936				
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/

Method: 8260B SIM

Lab Control Sample Duplicate Recovery Report - Batch: 280-218567

Preparation: 5030B

LCS Lab Sample ID:	LCS 280-218567/3	Analysis Batch:	280-218567	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1959.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/27/2014 0854	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/27/2014 0854				20 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-218567/4	Analysis Batch:	280-218567	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E1960.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/27/2014 0912	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/27/2014 0912				20 mL
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
1,4-Dioxane	77	92	25 - 141	17	20		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	101		96		70 - 127		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Laboratory Control/ Laboratory Duplicate Data Report - Batch: 280-218567

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID: LCS 280-218567/3 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/27/2014 0854
Prep Date: 03/27/2014 0854
Leach Date: N/A

LCSD Lab Sample ID: LCSD 280-218567/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/27/2014 0912
Prep Date: 03/27/2014 0912
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	3.86	4.58

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 280-218567

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID: 280-53275-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/27/2014 1203
Prep Date: 03/27/2014 1203
Leach Date: N/A

Analysis Batch: 280-218567
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1969.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

MSD Lab Sample ID: 280-53275-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/27/2014 1222
Prep Date: 03/27/2014 1222
Leach Date: N/A

Analysis Batch: 280-218567
Prep Batch: N/A
Leach Batch: N/A

Instrument ID: VMS_E
Lab File ID: E1970.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL
20 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	67	61	25 - 141	9	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97	132	X		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 280-218567

Method: 8260B SIM

Preparation: 5030B

MS Lab Sample ID: 280-53275-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/27/2014 1203
Prep Date: 03/27/2014 1203
Leach Date: N/A

MSD Lab Sample ID: 280-53275-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/27/2014 1222
Prep Date: 03/27/2014 1222
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.53	J	5.00	5.00	3.88	3.56

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-53275-1

Sdg Number: 14036007

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-218567					
LCS 280-218567/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-218567/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-218567/31	Method Blank	T	Water	8260B SIM	
280-53275-1	PIN12-S69C	T	Water	8260B SIM	
280-53275-1MS	Matrix Spike	T	Water	8260B SIM	
280-53275-1MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-219332					
LCS 280-219332/4	Lab Control Sample	T	Water	8260B	
MB 280-219332/5	Method Blank	T	Water	8260B	
280-53275-1	PIN12-S69C	T	Water	8260B	
280-53388-C-12 MS	Matrix Spike	T	Water	8260B	
280-53388-C-12 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total