LMS/PIN/N01843

Pinellas County, Florida, Site Environmental Restoration Project

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

June Through November 2013

December 2013

U.S. DEPARTMENT OF ENERGY | Legacy Management

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Abbreviations

cDCE	*cis*-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	*trans*-1,2-dichloroethene
VC	vinyl chloride
WWNA	Wastewater Neutralization Area/Building 200 Area

1.0 Introduction

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

On March 17, 1995, DOE sold the facility to the Pinellas County Industrial Council. The sales contract included clauses to ensure continued compliance with federal, state, and local regulations while DOE remediates the site. On July 1, 1999, the Pinellas County Industrial Council was disestablished, and ownership of the STAR Center changed to the Pinellas County Industrial Development Authority. In November 2000, the State of Florida received HSWA authorization from EPA. The Florida Department of Environmental Protection (FDEP) issued a new HSWA permit to DOE in January 2002. The permit was reissued on August 21, 2007, and was modified under the provisions of Section 403.722, Florida Statutes, and Chapters 62-4, 62-160, 62-730, 62-777, and 62-780, *Florida Administrative Code*, 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). S.M. Stoller Corporation, a prime contractor to LM, provides technical support to DOE for remediation and closure of all active SWMUs onsite.

The EPA 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 SWMUs, PIN06 and PIN12, are collectively known as the Building 100 Area. Figure 2 depicts the location of the four SWMUs.

DOE plans to proceed with closure of the WWNA under RBCA Risk Management Option II and to apply the default poor quality arsenic cleanup target level (CTL) of 100 micrograms per liter (µg/L) to onsite groundwater. Closure monitoring was completed in October 2006. 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 land-owner (Pinellas County Industrial Development Authority) to establish ICs (Declarations of Restrictive Covenant between the FDEP and the land-owners) 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 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 (Chapter 62-780.680, *Florida Administrative Code*). 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 sitewide semiannual sampling was conducted September 9–19, 2013. 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 September 10.
- The results of semiannual monitoring were reported (this document).

1.5 Waste Minimization

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

- 117 pounds of paper
- 21 pounds of cardboard
- 20 pounds of plastic
- 28 pounds of magazines
- 2 pounds of aluminum
- 8 pounds of batteries
- 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 September 10, 2013. The water levels were measured with an electronic water level indicator or directly from a staff gauge. Groundwater elevations are listed in Table 1.

2.1 Groundwater Flow

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

For the past several years, shallow groundwater beneath Building 100 has been observed to flow to the southeast under a very slight gradient, and this flow pattern was observed again in September 2013 (Figure 3). A similar flow pattern was observed in the deep surficial aquifer (Figure 4). The hydraulic gradient in the Building 100 Area in September 2013 was about 0.002 foot/foot onsite and about 0.005 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 2.4 to 6.1 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 September 2013 from the East, South, Southwest, and West Ponds; Pond 5; and the pond just east of Belcher Road (Table 2). All the ponds are hydraulically connected to the shallow surficial aquifer system (Plate 1).

3.0 Groundwater Sampling

3.1 Work Performed

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

Figures 5–13 are plume maps for the Building 100 Area for September 2013. Figures 5 and 6 show the total COPCs (TCOPCs) concentrations. TCOPCs is the sum of the individual COPC concentrations for each well. The Building 100 Area COPCs are 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; a plume map for tDCE is not shown because this COPC exceeded the CTL only in well 12-S35B.

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

Table 3 lists field measurements of temperature, specific conductance, turbidity, pH, oxidation-reduction potential, and dissolved oxygen recorded at the time the samples were collected. Measurements were made using a calibrated multiparameter meter with a flow cell, and turbidity was measured using a nephelometer.

3.2 Quality Assurance/Quality Control

The results from the analytical laboratory, TestAmerica Denver, were checked for quality assurance/quality control 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).

VC and 1,1-DCE in well PIN12-0572-2 had RPD values that exceeded the EPA-recommended laboratory duplicate criterion of less than 20 RPD for results that are greater than 25 times the method detection limit. These results were "J" qualified as estimated values due to the poor RPD value.

Table 4 also lists analytes in the duplicate samples from wells 12-0581-2 and 12-0582-2 collected in September 2013. The duplicate samples collected from these wells in March 2013 showed significant differences in analyte concentrations, but the September duplicate samples are well within the RPD limit.

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

A data validation software module for identifying and tracking anomalous groundwater data within the Site Environmental Evaluation for Projects 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. The March 2013 sampling event was the first plume stability monitoring event; the September 2013 sampling event was the second.

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 (Figure 14). At each of these well locations, the COPC concentrations from all screened intervals will be summed, and the sum will be plotted. For example, for the well triple 0570 located on the Harrod property, the COPC concentrations in all three screened intervals (0570-1, -2, and -3) will be summed, plotted, and evaluated as above.

Table 5 contains the COPCs data generated since plume stability monitoring began in March 2013. The COPCs data from September 2013 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.

5.0 Upcoming Tasks

The following major task is planned for the next semiannual period (December 2013 through May 2014):

- Plume stability monitoring at the Building 100 Area will continue with the semiannual sampling event in March 2014.

6.0 References

DOE (U.S. Department of Energy), 1991. *Environmental Restoration Program, RCRA Facility Investigation Report, Pinellas Plant* (Draft), Albuquerque Operations Office, Albuquerque, New Mexico, September.

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DOE (U.S. Department of Energy), 2013a. *Site Rehabilitation Completion Report with No Further Action Proposal for the Northeast Site*, LMS/PIN/N01778, Office of Legacy Management, Grand Junction, Colorado, May.

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EPA (U.S. Environmental Protection Agency), 1988. *RCRA Facility Assessment Department of Energy—Fl6 890 090 008*, June.

Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites, LMS/PRO/S04351, continually updated, prepared by S.M. Stoller Corporation for the U.S. Department of Energy Office of Legacy Management, Grand Junction, Colorado.

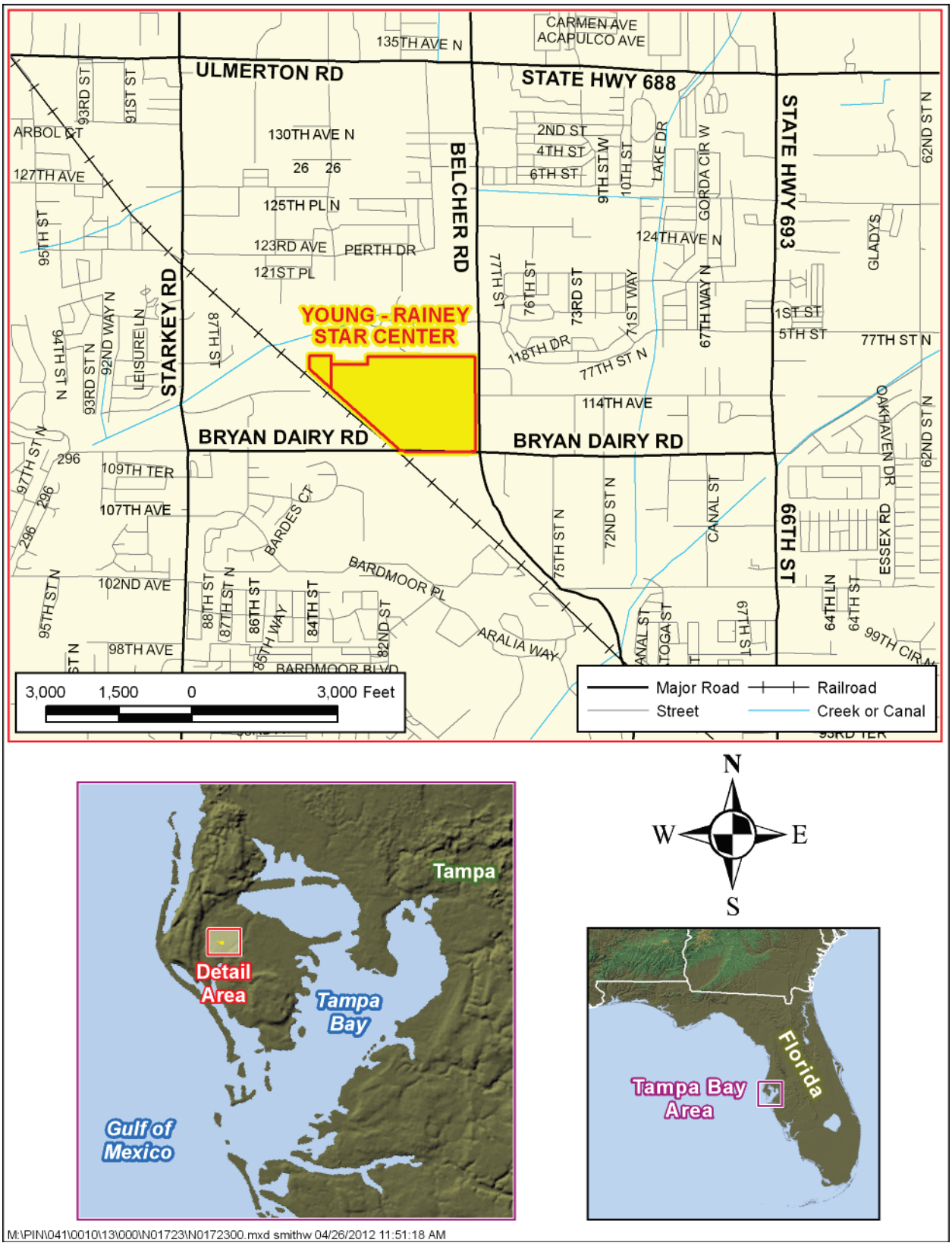

Figure 1. Young - Rainey STAR Center Location

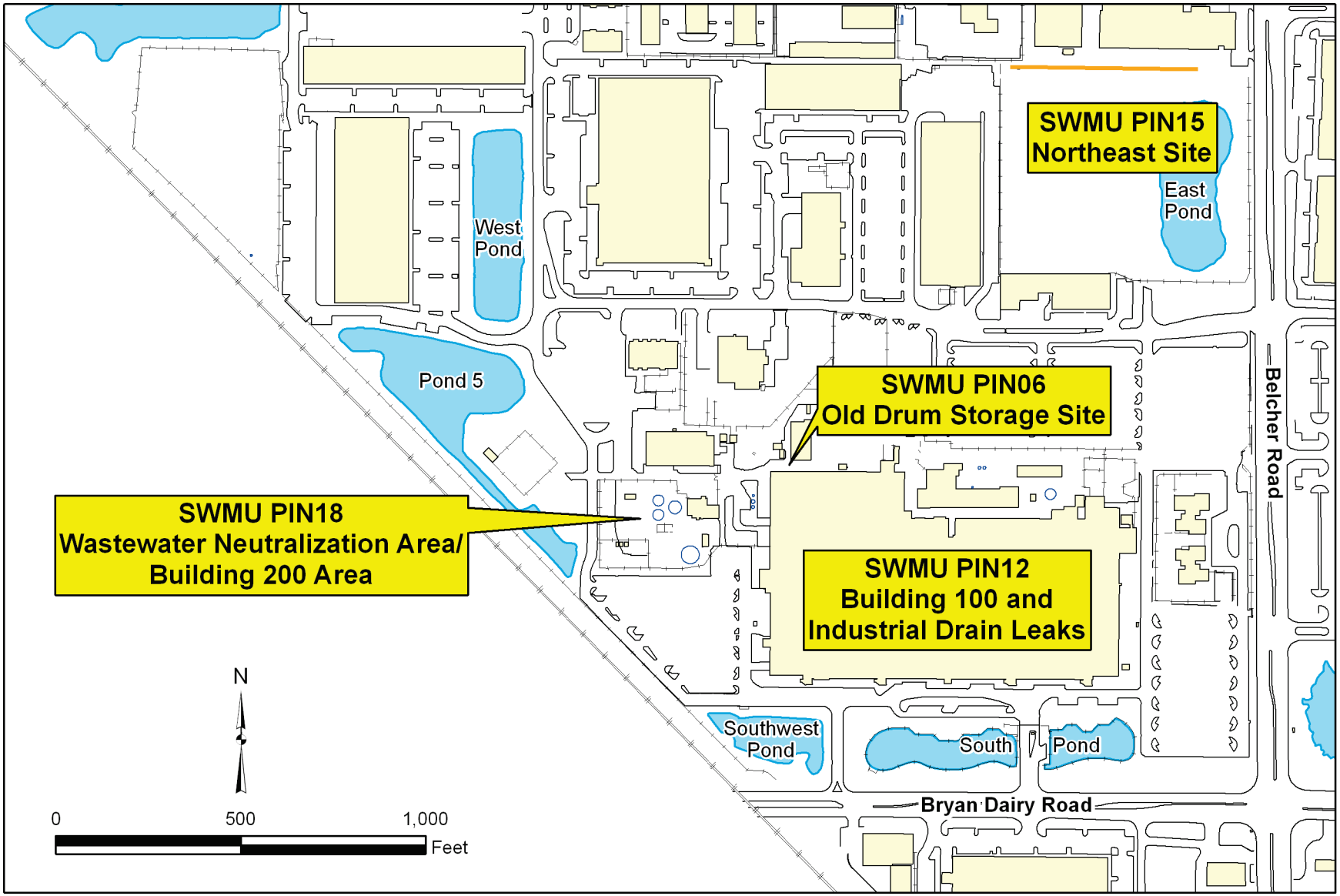

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Figure 2. Location of STAR Center Solid-Waste Management Units (SWMUs)

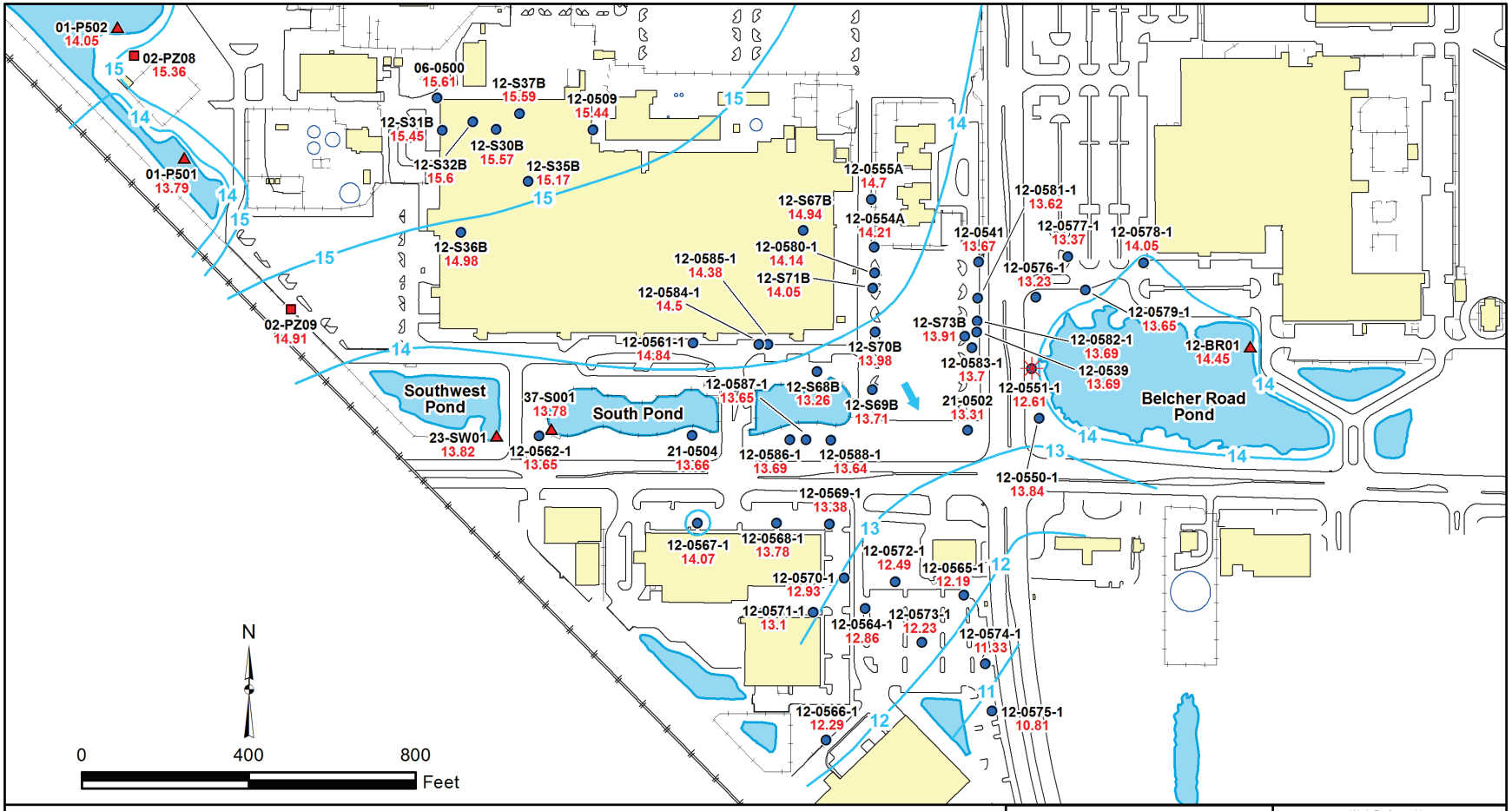

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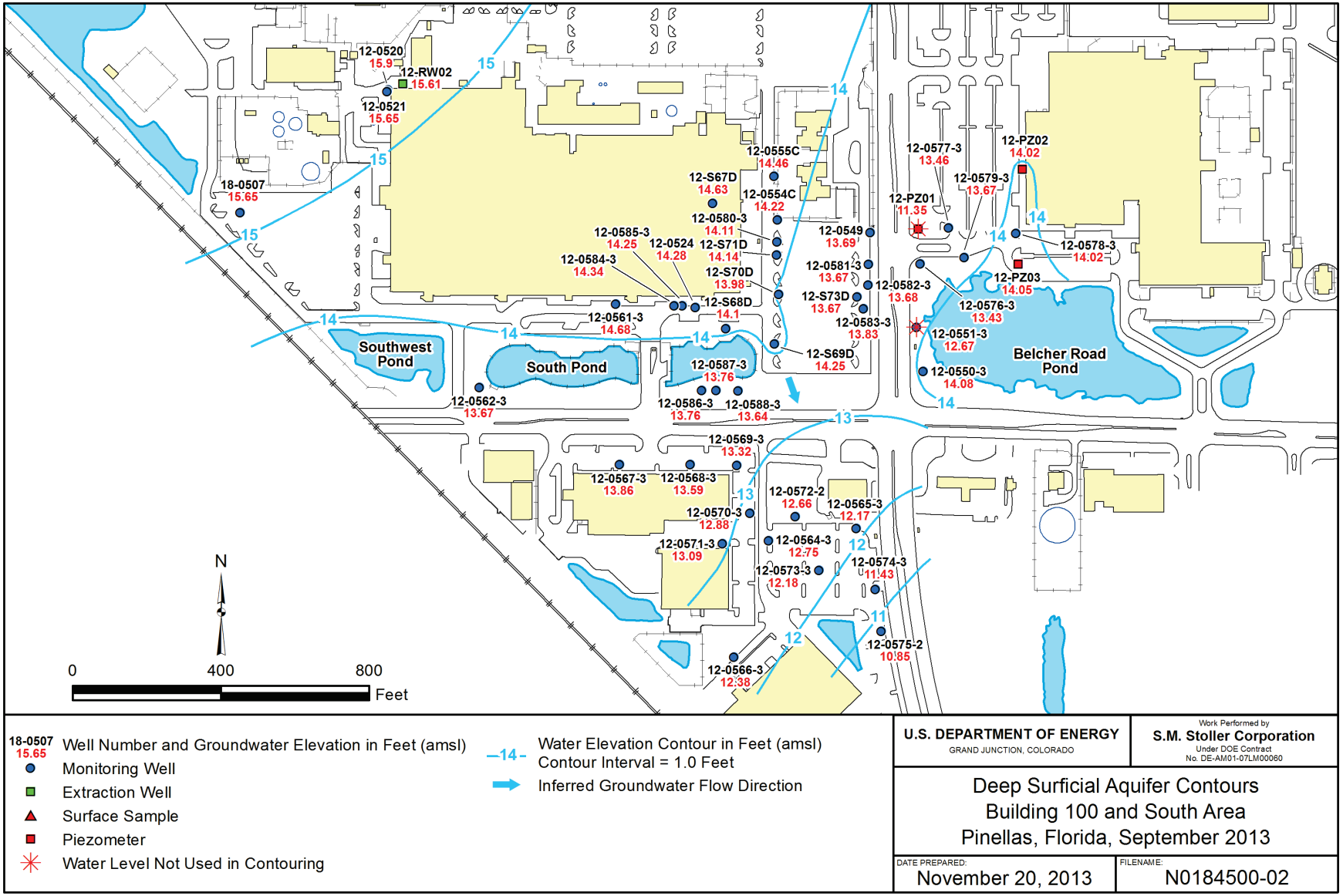
Figure 3. Building 100 Area Shallow Surficial Aquifer Flow, September 2013



18-0507 15.65 Well Number and Groundwater Elevation in Feet (amsl)
Monitoring Well
Extraction Well
Surface Sample
Piezometer
Water Level Not Used in Contouring

—14— Water Elevation Contour in Feet (amsl)
Contour Interval = 1.0 Feet
Inferred Groundwater Flow Direction

U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION, COLORADO

Work Performed by
S.M. Stoller Corporation
Under DOE Contract
No. DE-AM01-07LM00060

Deep Surficial Aquifer Contours
Building 100 and South Area
Pinellas, Florida, September 2013

DATE PREPARED: November 20, 2013
FILENAME: N0184500-02

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

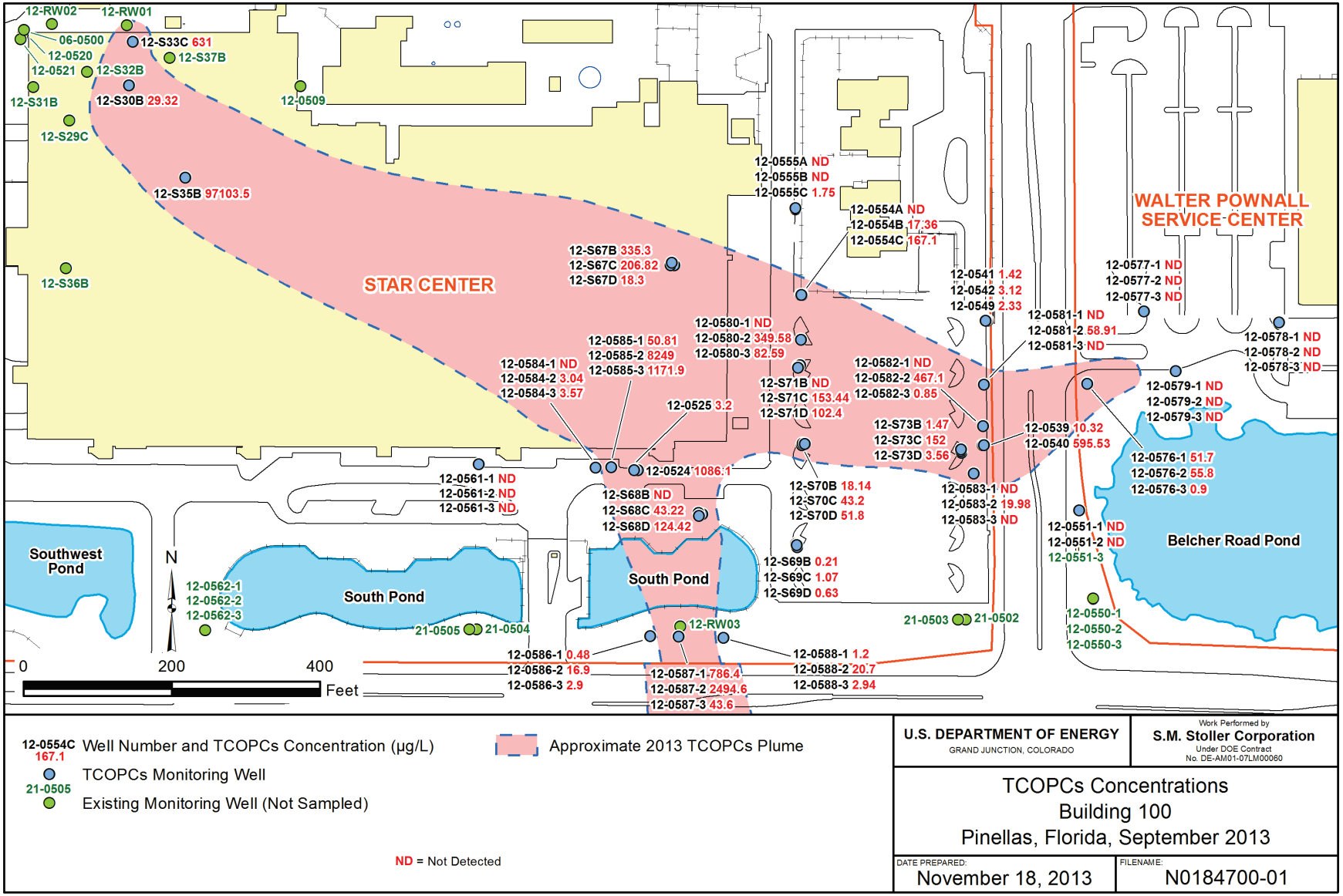

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Figure 5. Building 100 Area TCOPCs Concentrations, September 2013

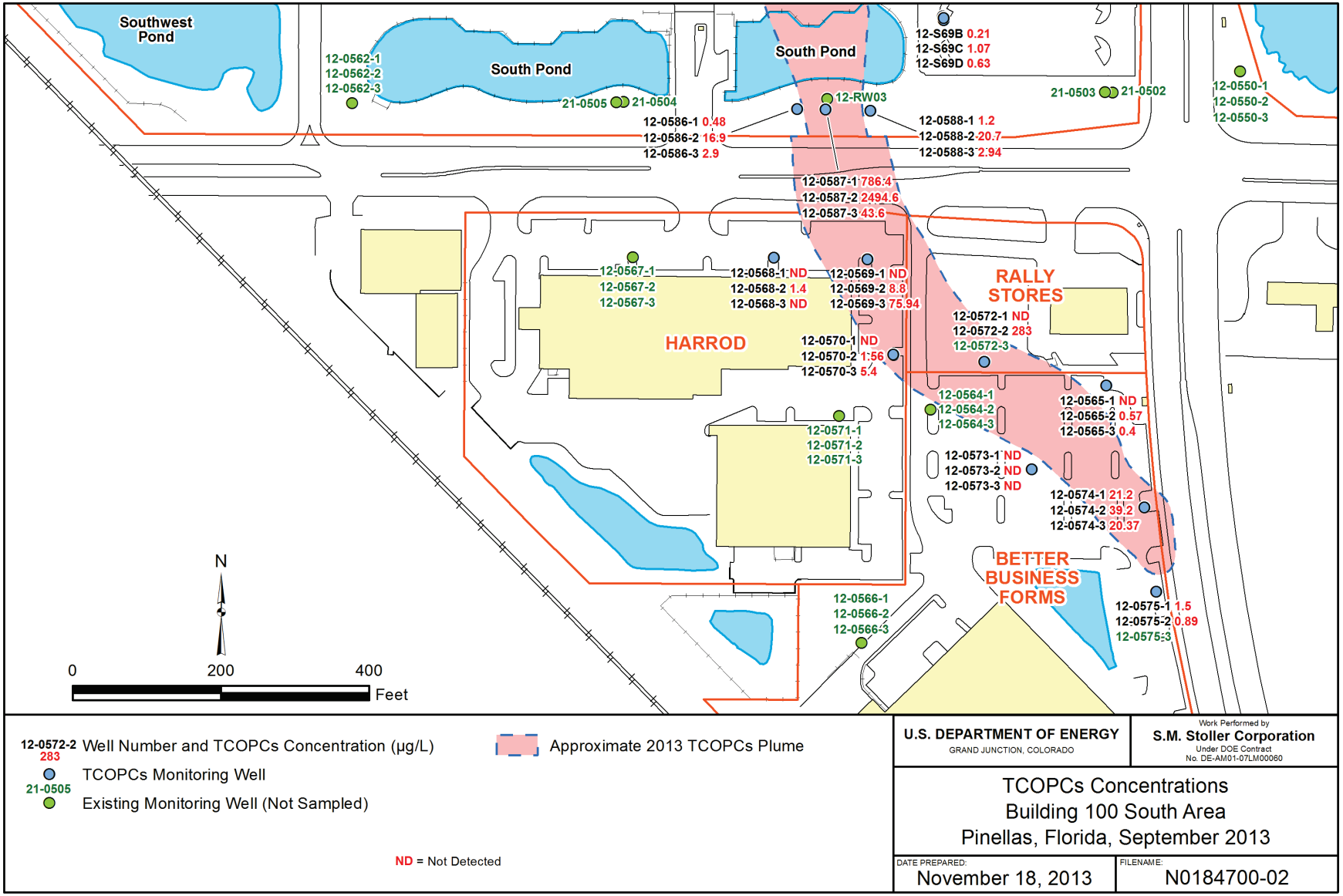


Figure 6. Building 100 Area South TCOPCs Concentrations, September 2013

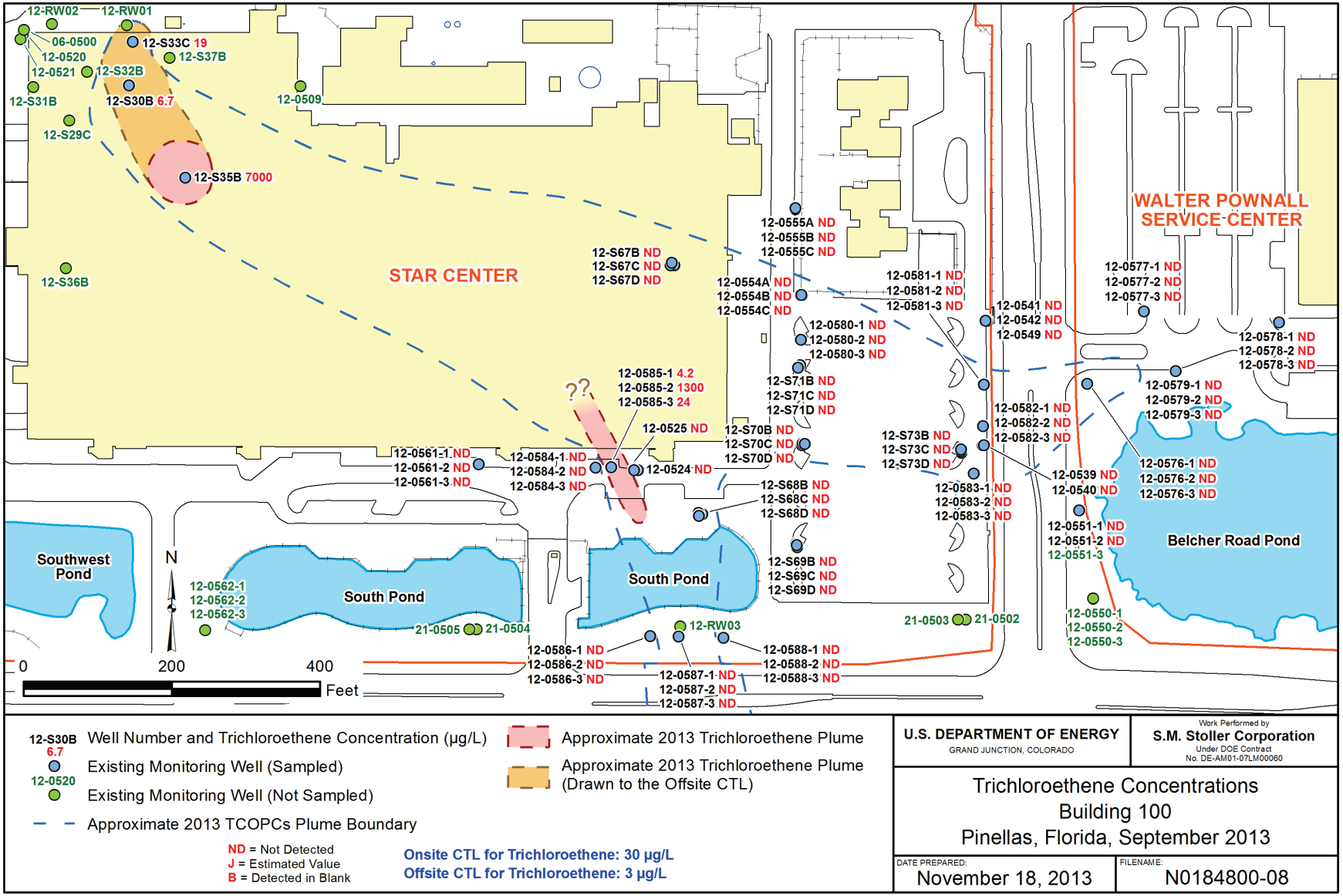


Figure 7. Building 100 Area TCE Concentrations, September 2013

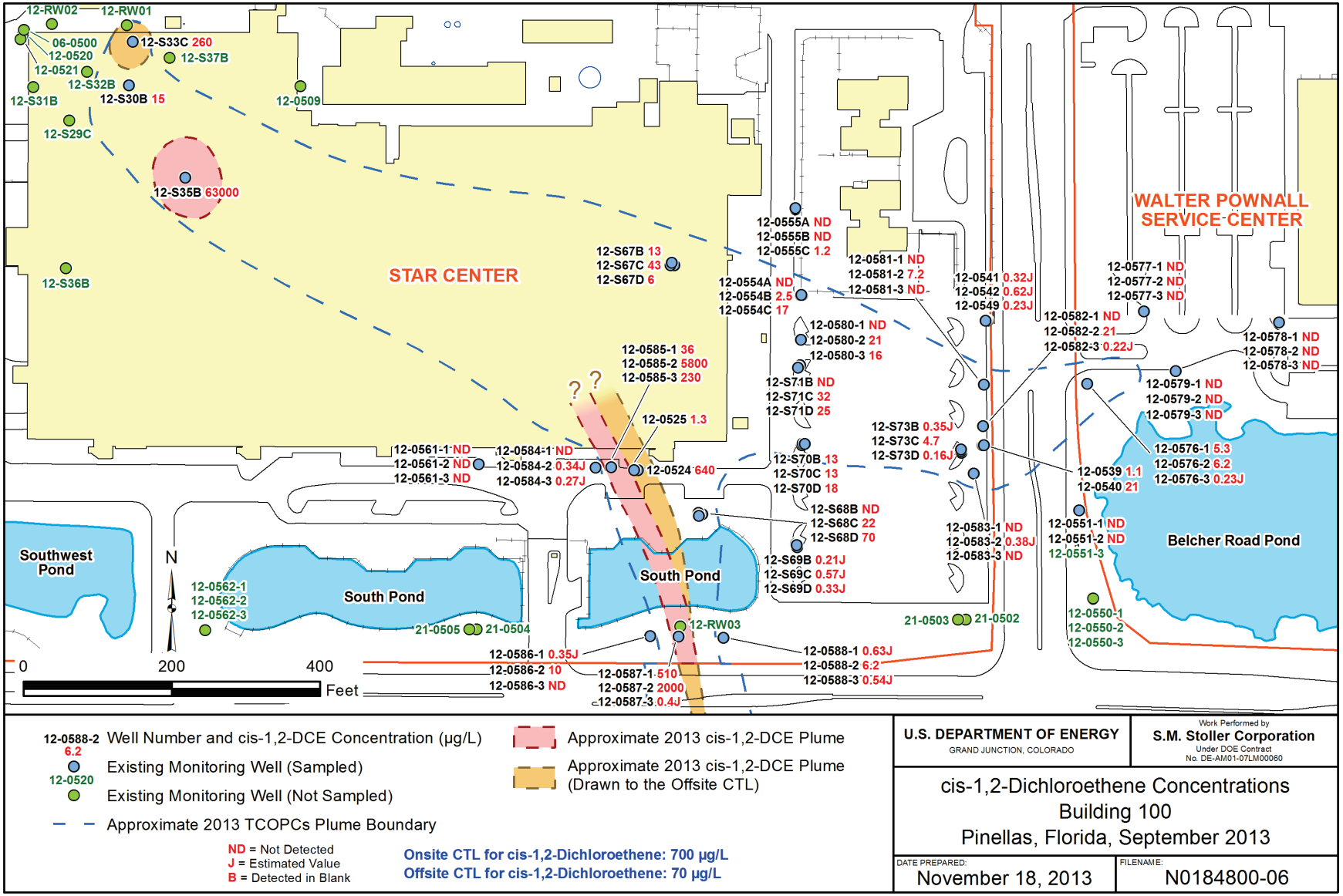


Figure 8. Building 100 Area cDCE Concentrations, September 2013

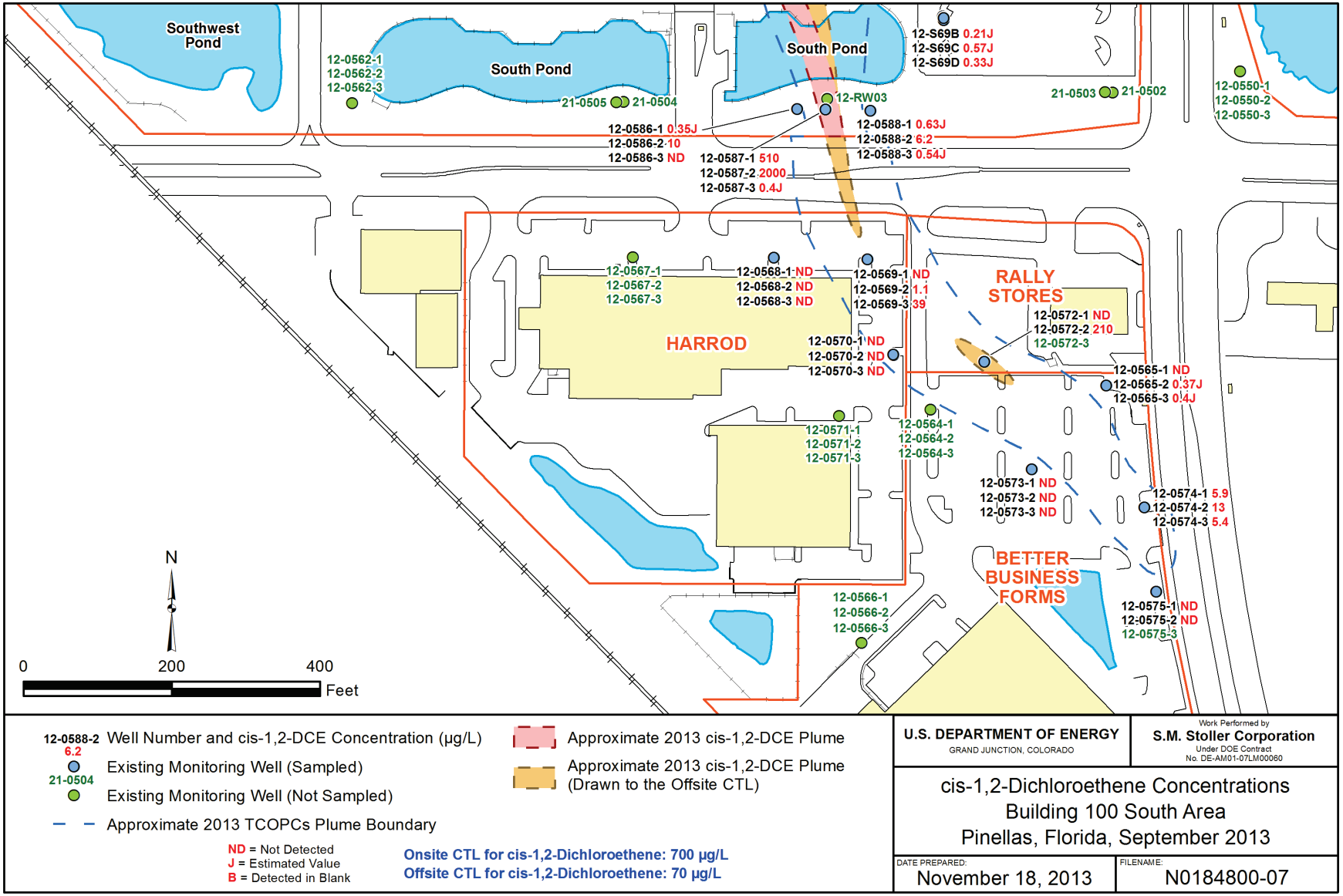


Figure 9. Building 100 Area South cDCE Concentrations, September 2013

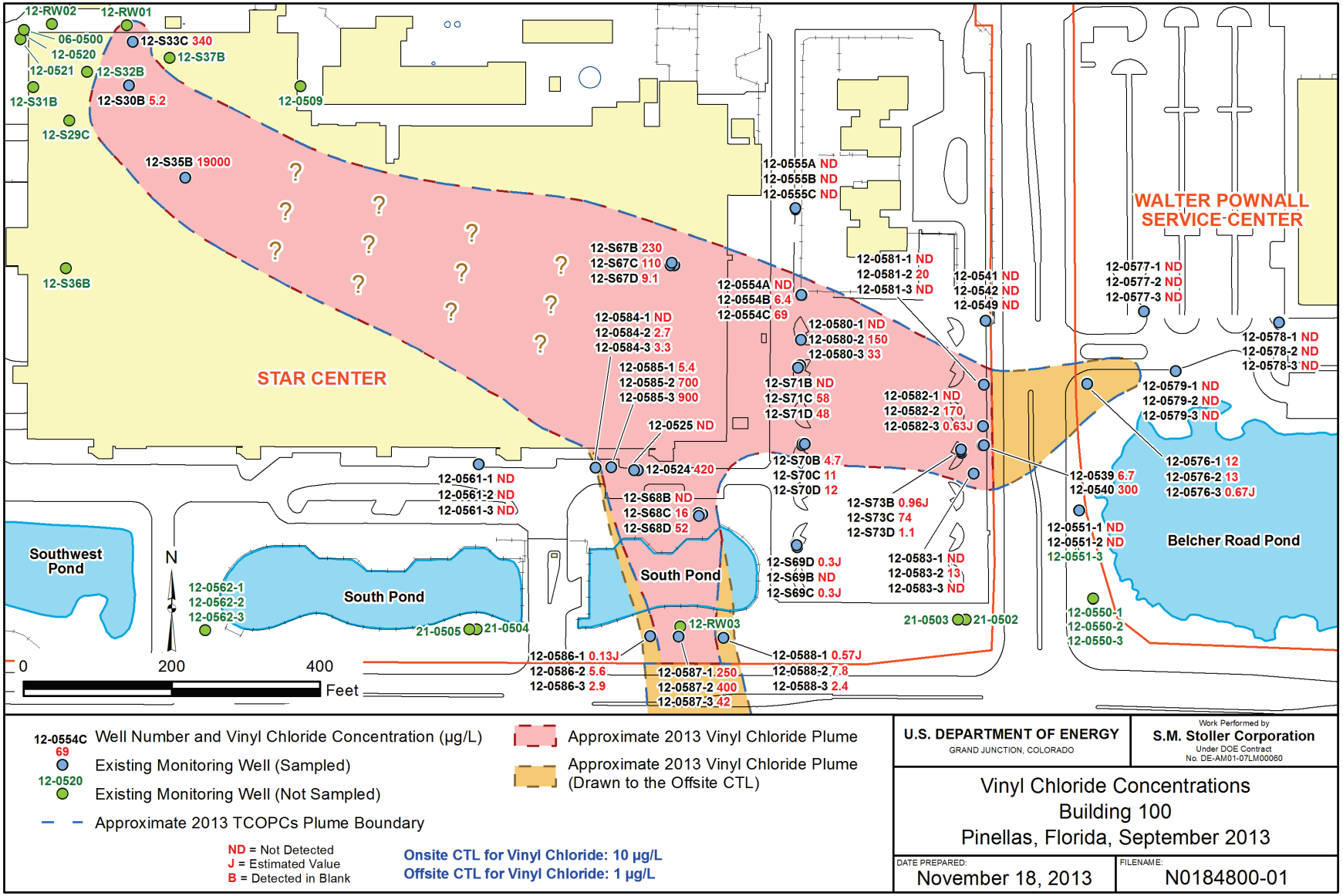


Figure 10. Building 100 Area VC Concentrations, September 2013

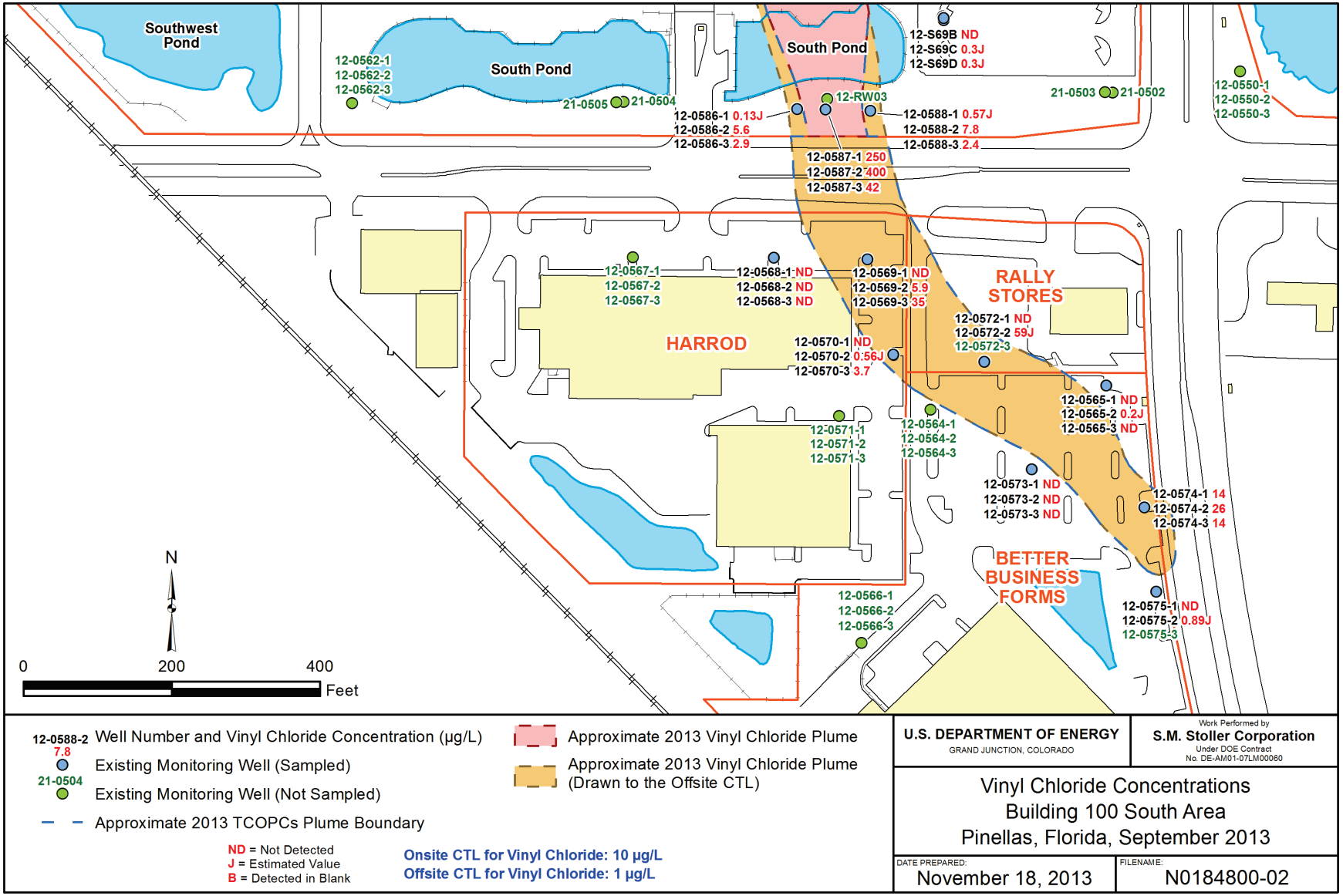
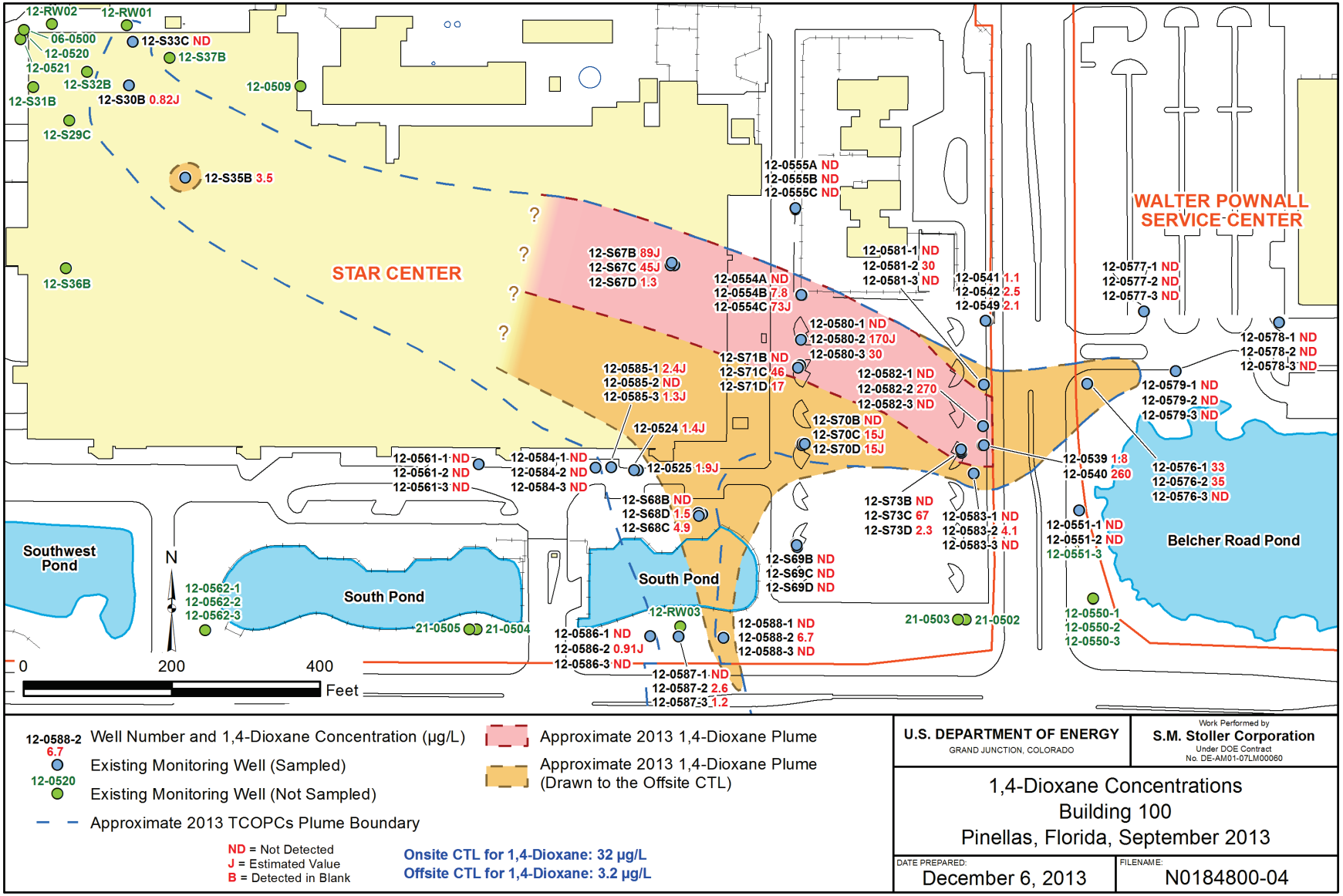


Figure 11. Building 100 Area South VC Concentrations, September 2013



M:\PIN\041\0010\14\000\N01848\N0184800-04.mxd smithw 12/06/2013 9:48:29 AM

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

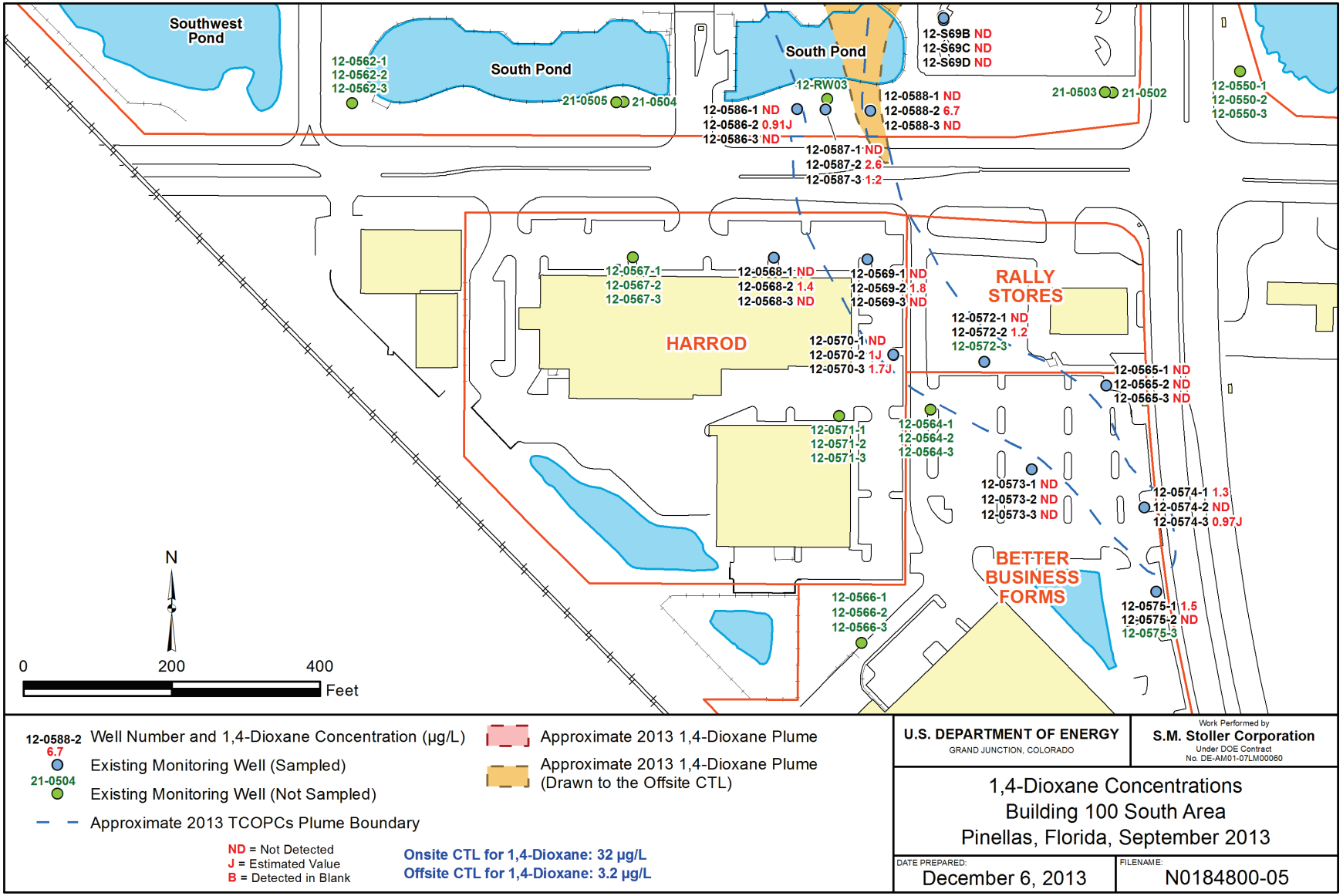


Figure 13. Building 100 Area South 1,4-dioxane Concentrations, September 2013

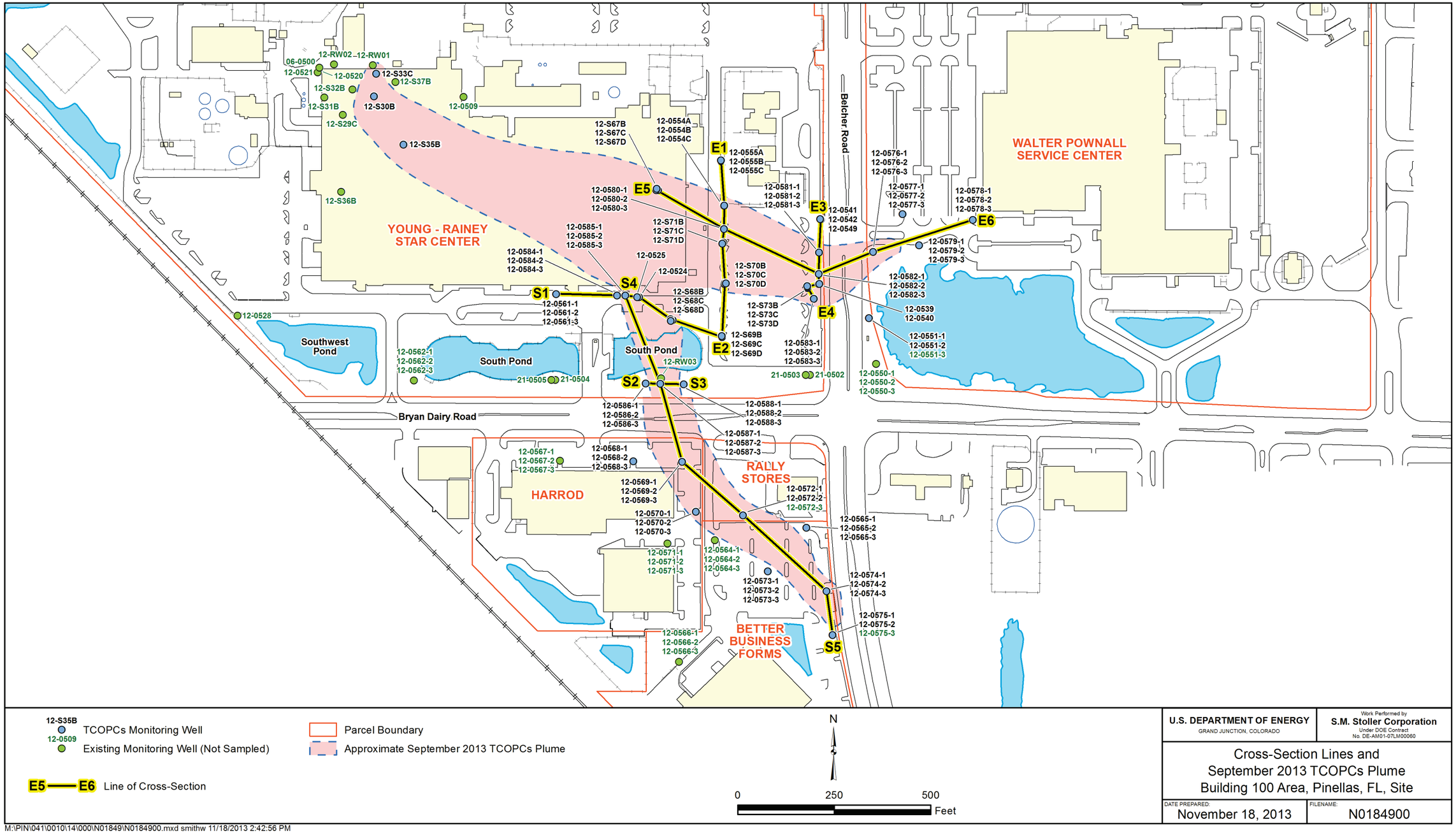


Figure 14. Building 100 Area Plume Stability Monitoring Cross Sections

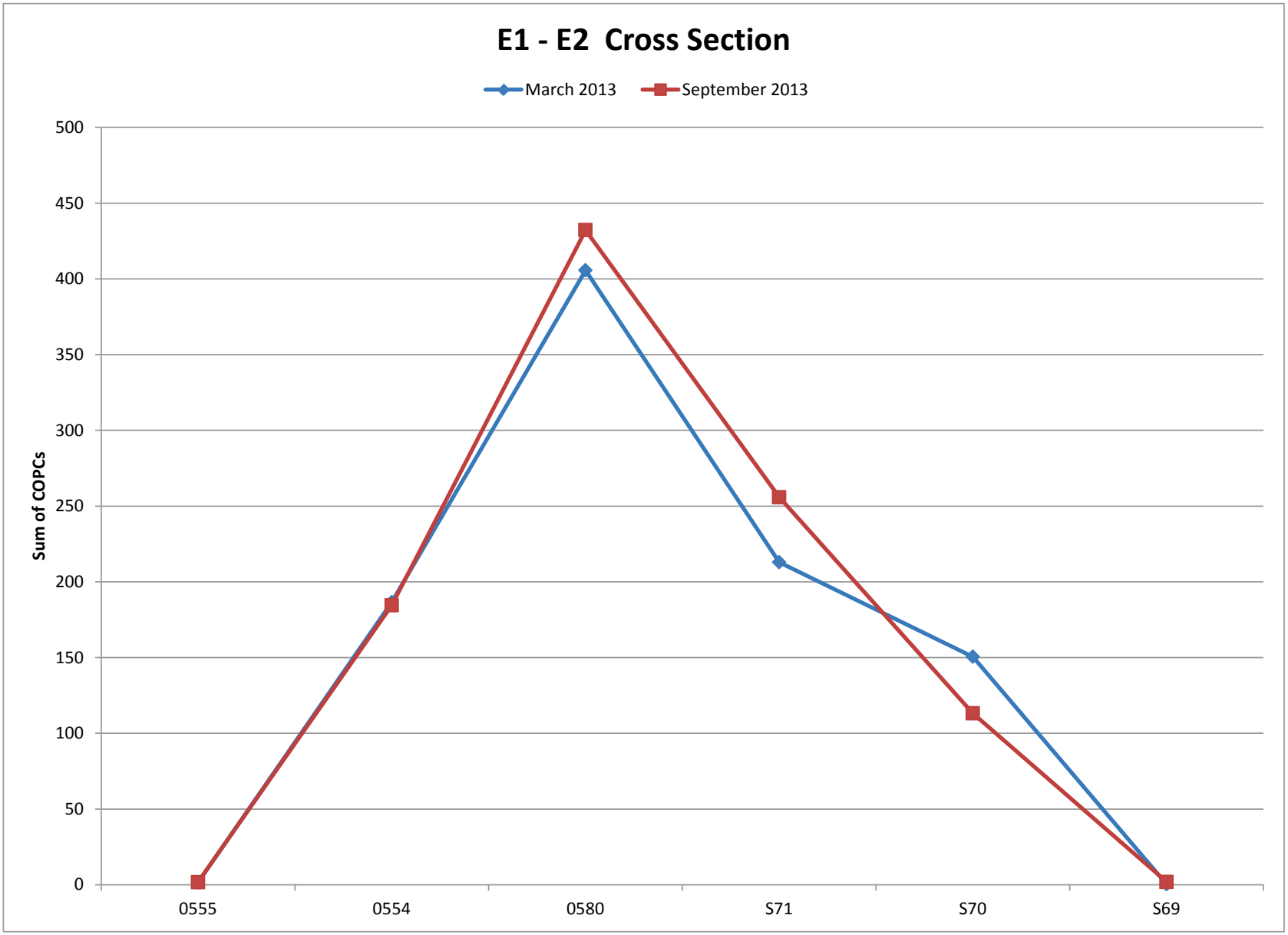


Figure 15. E1-E2 Cross Section

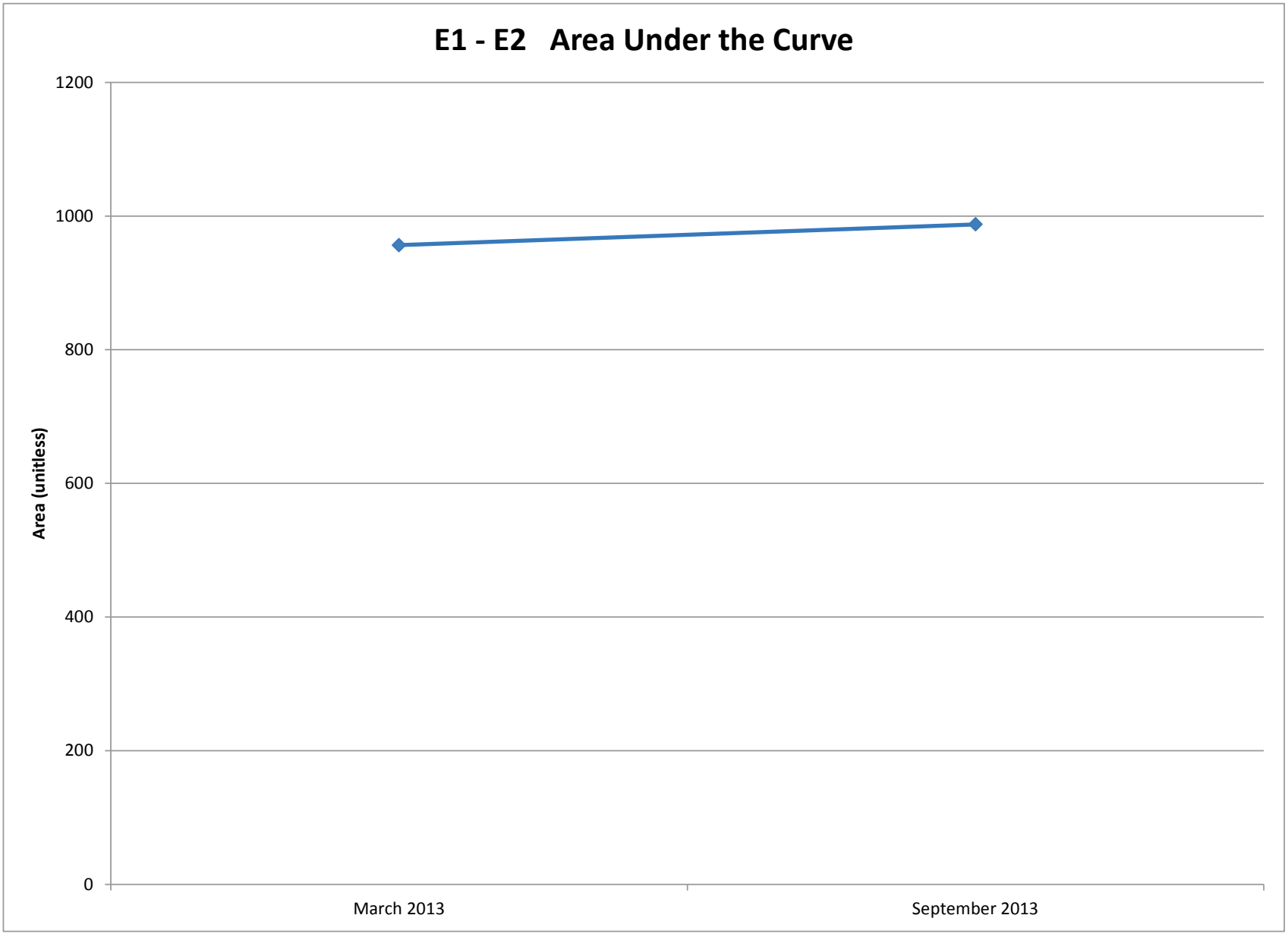


Figure 16. E1-E2 Area Under the Curve

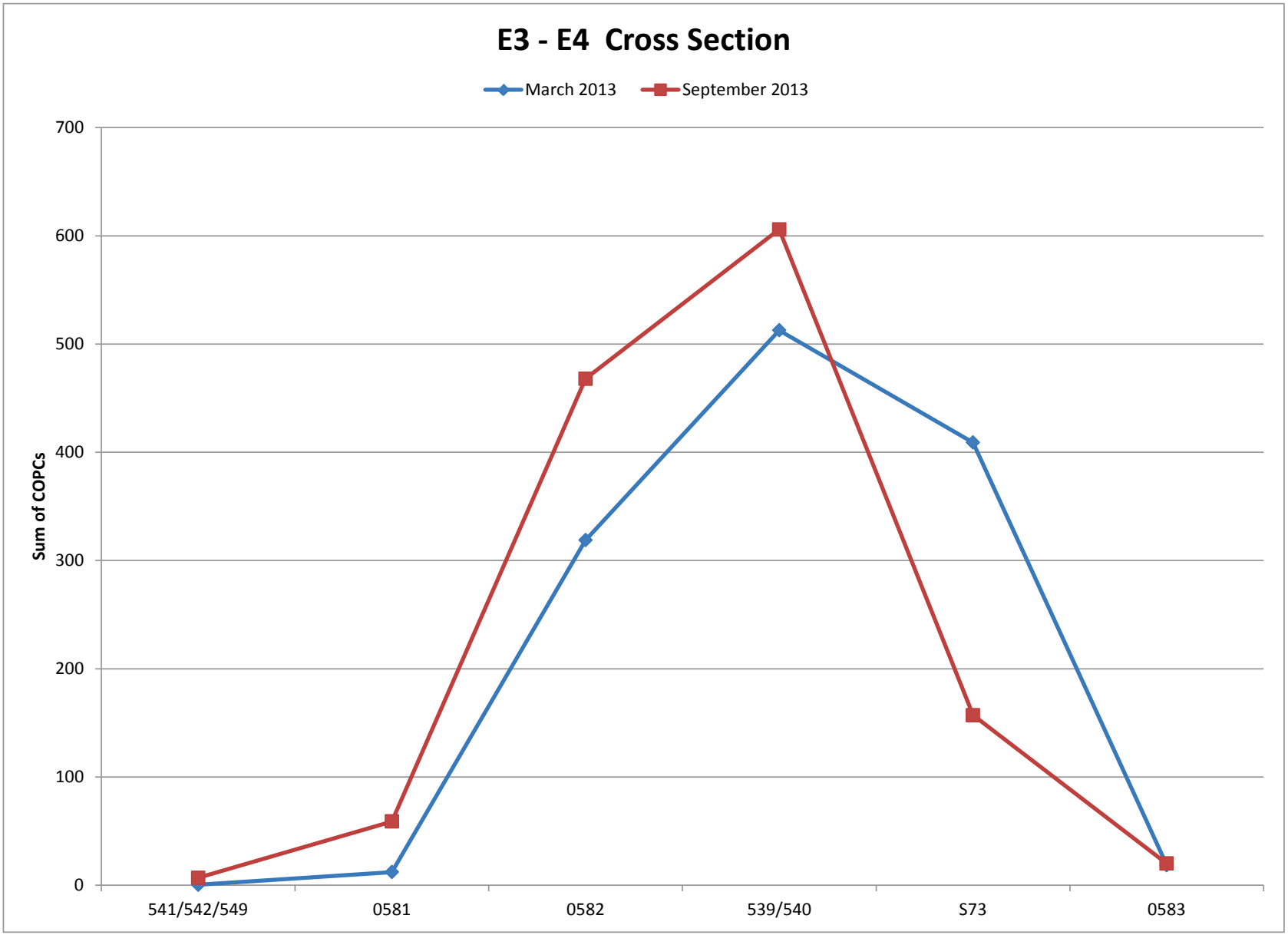


Figure 17. E3-E4 Cross Section

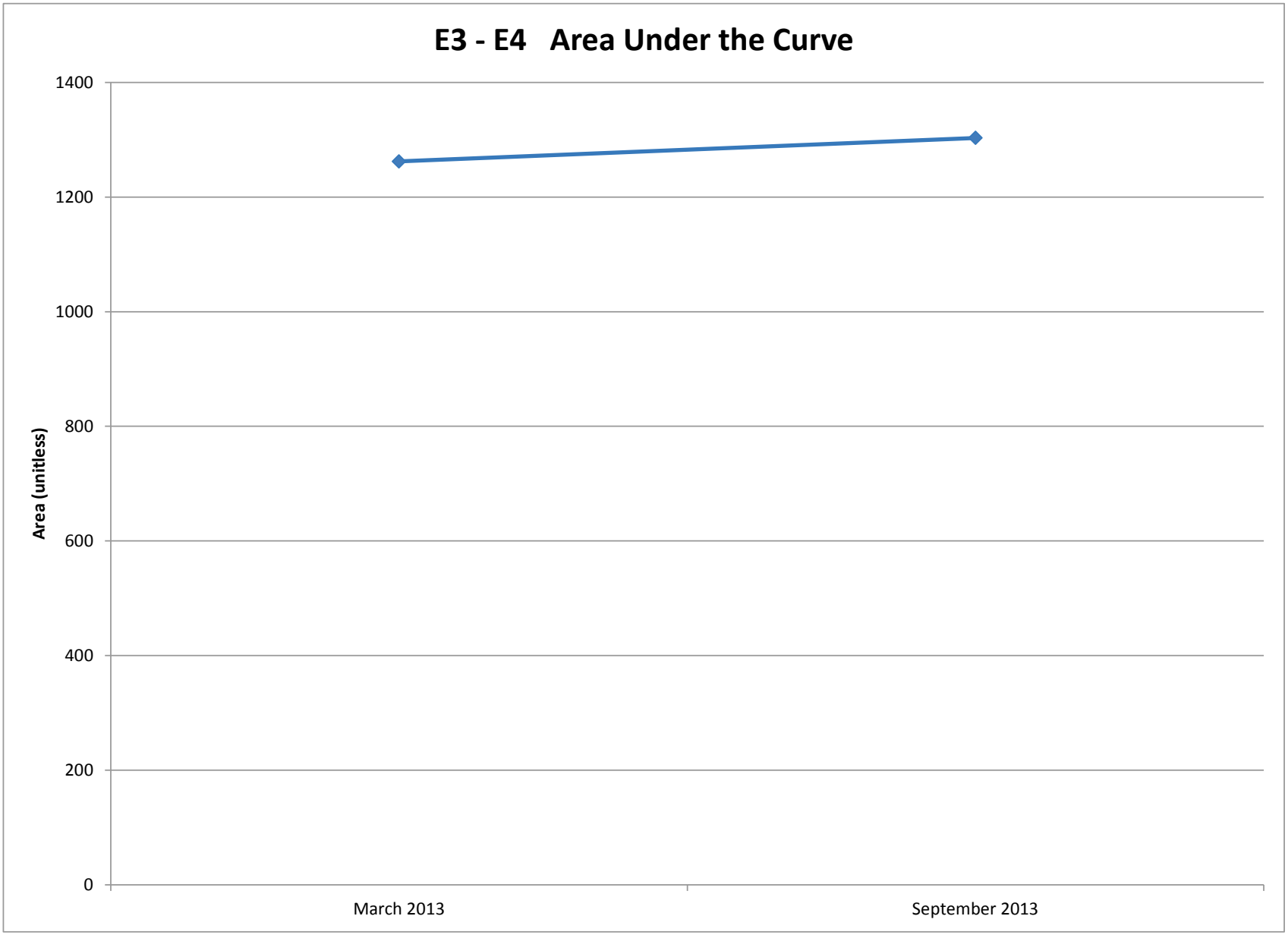


Figure 18. E3-E4 Area Under the Curve

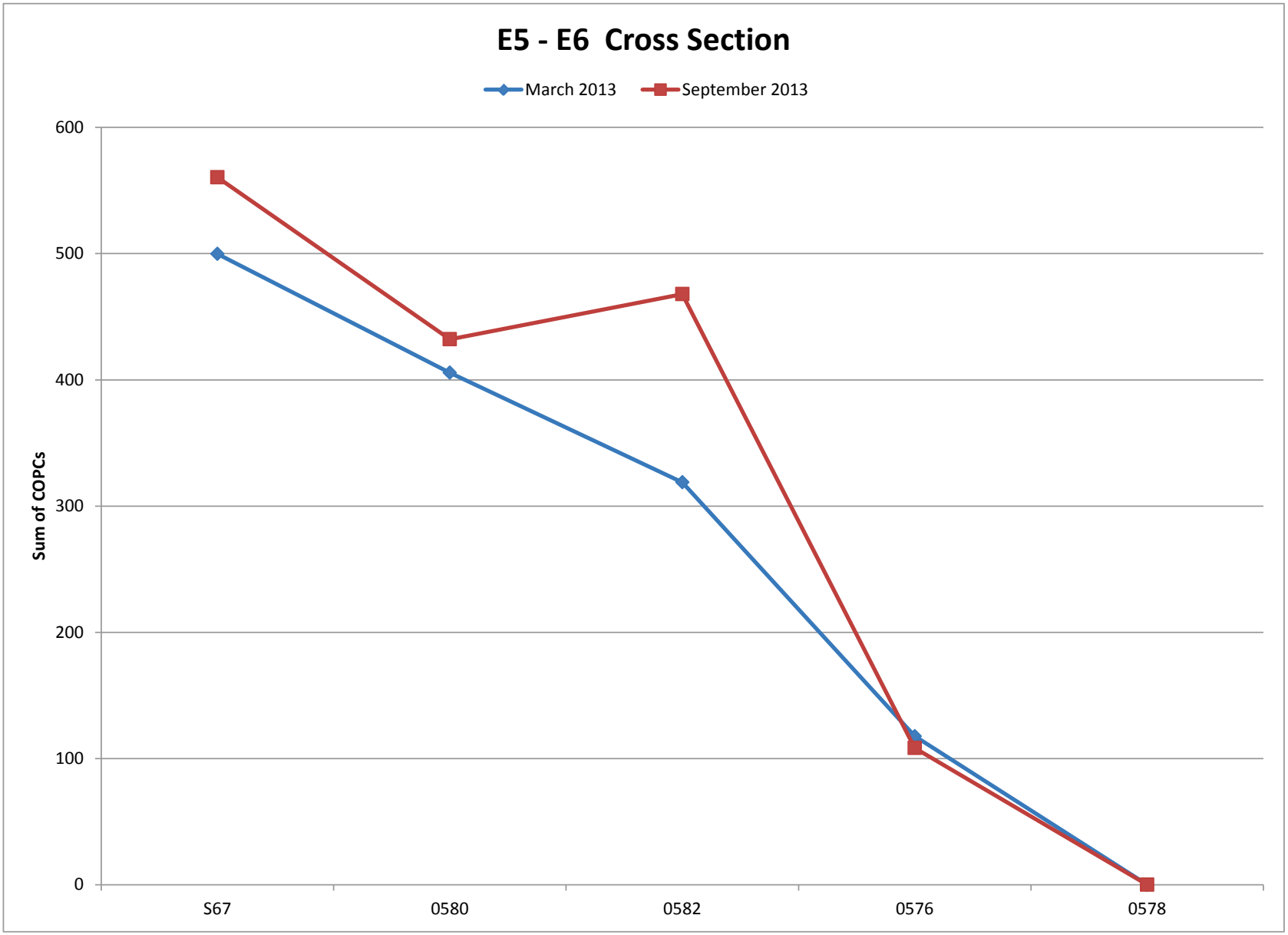


Figure 19. E5-E6 Cross Section

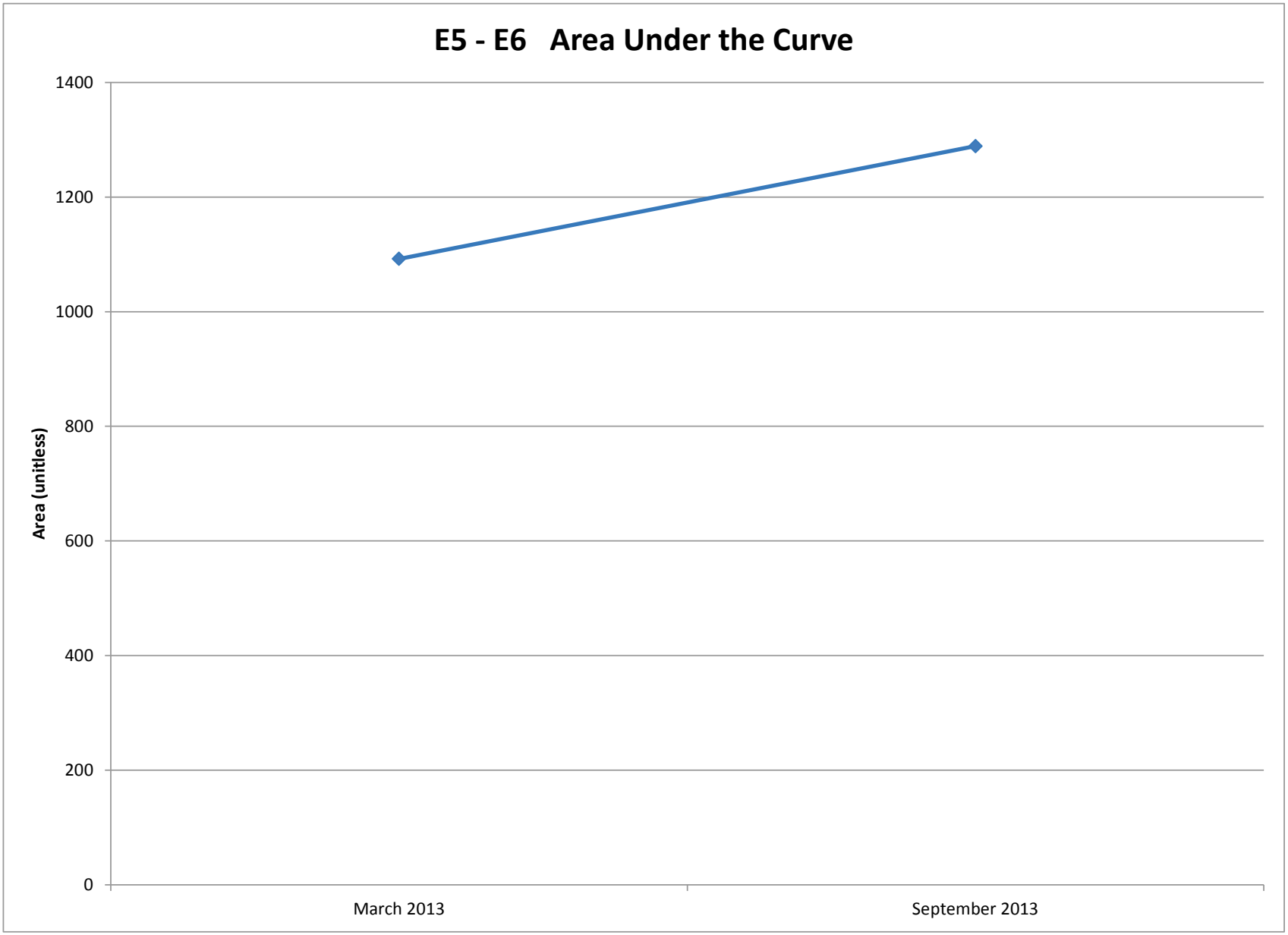


Figure 20. E5-E6 Area Under the Curve

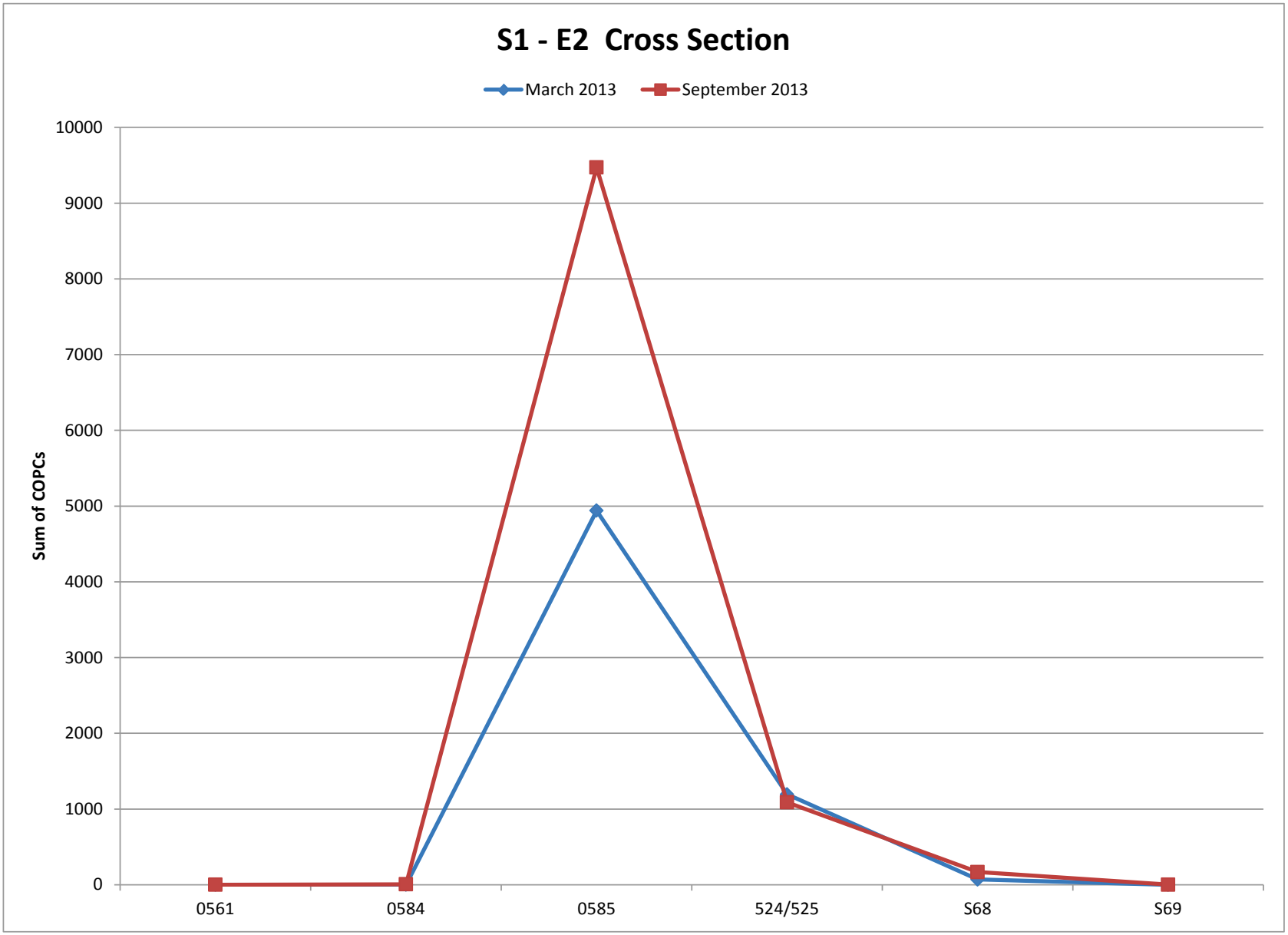


Figure 21. S1-E2 Cross Section

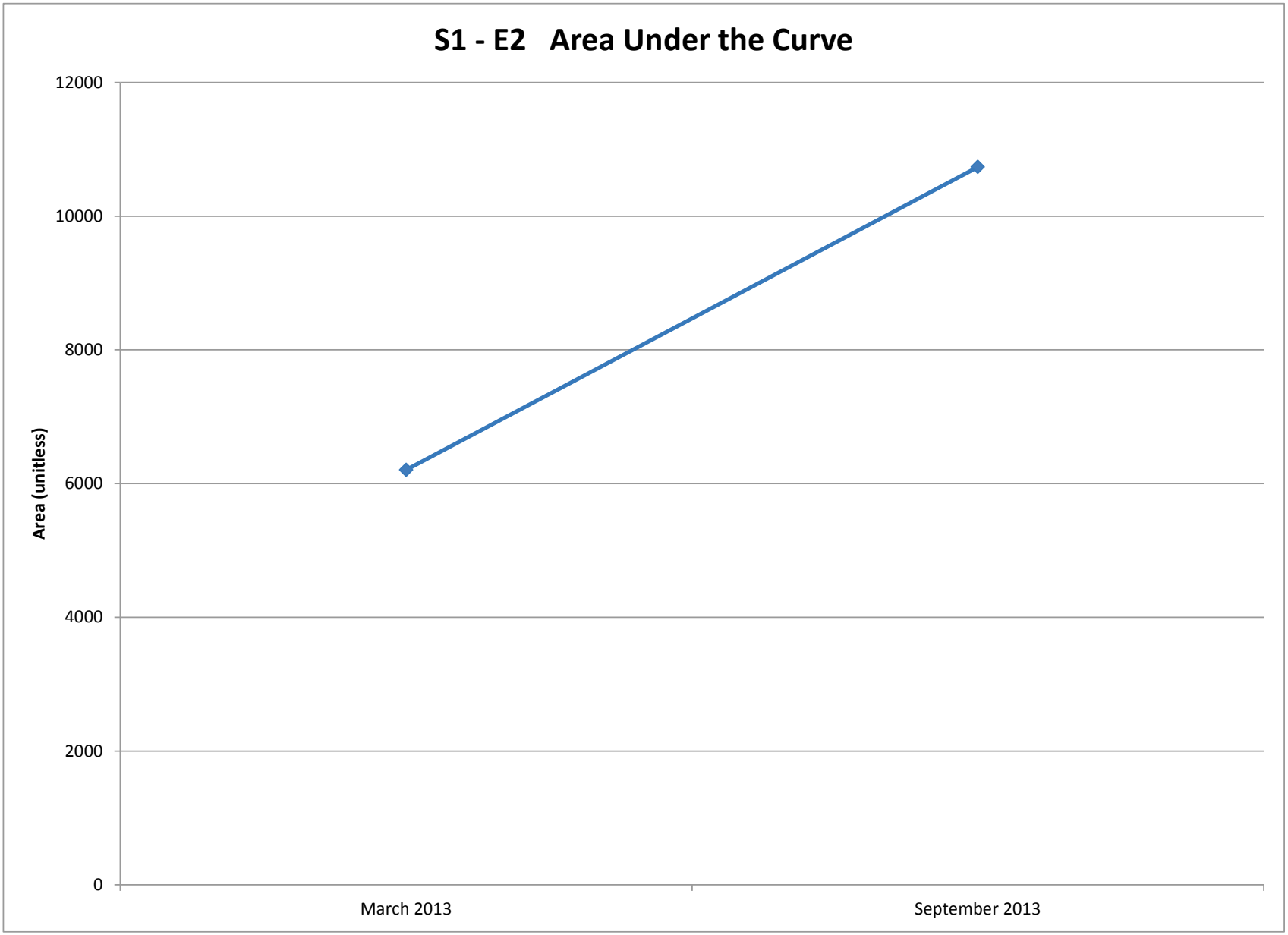


Figure 22. S1-E2 Area Under the Curve

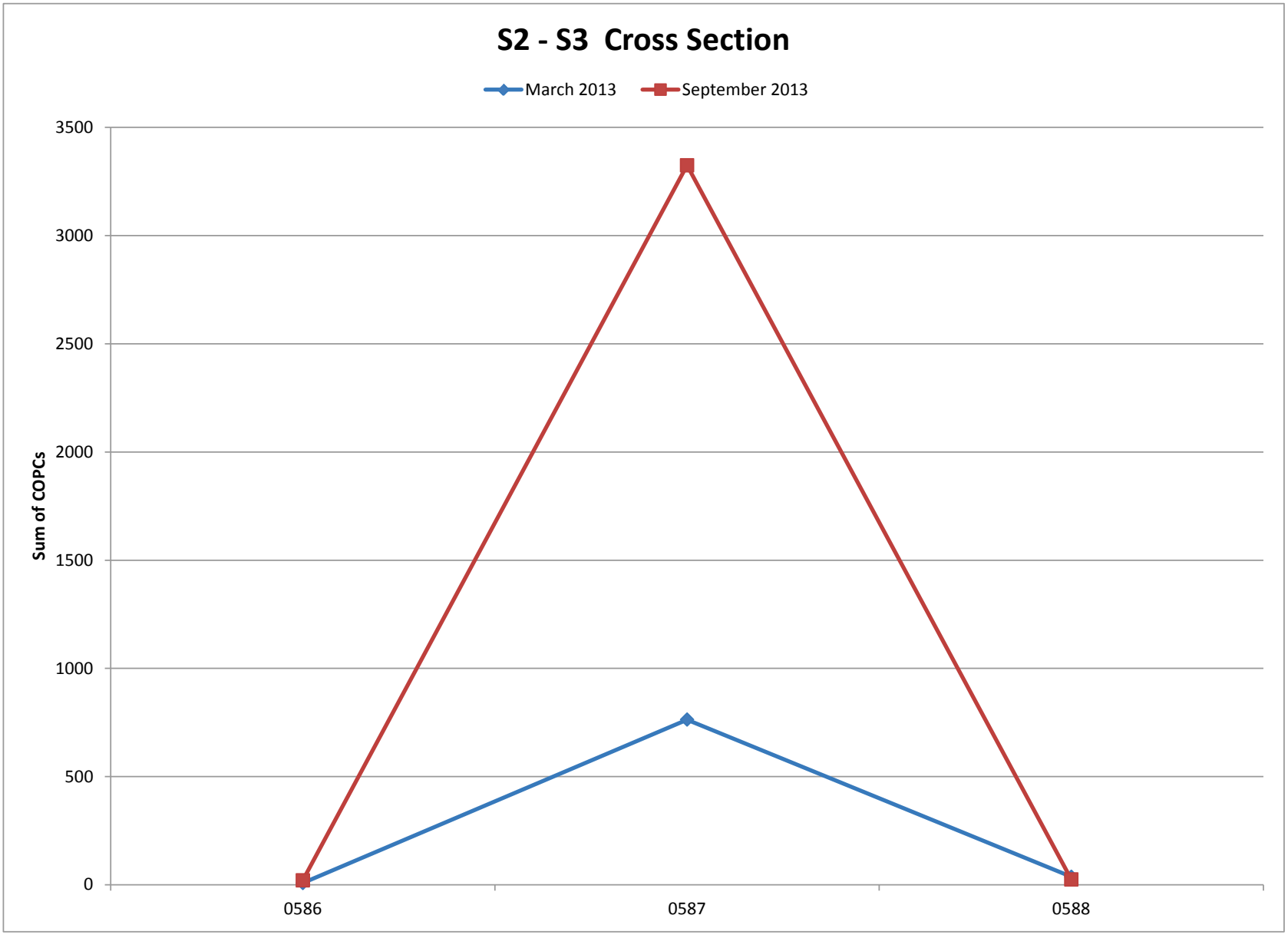


Figure 23. S2-S3 Cross Section

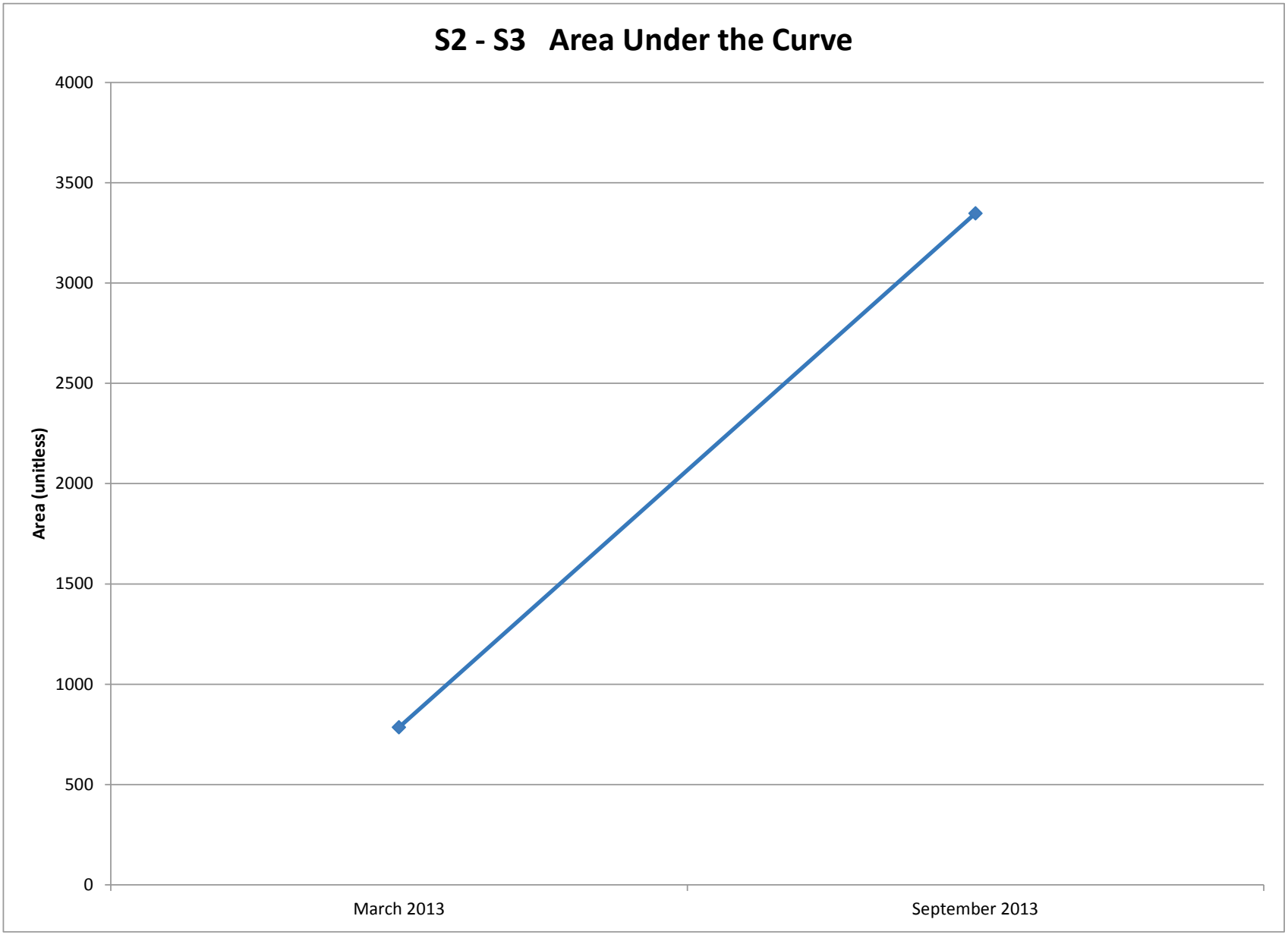


Figure 24. S2-S3 Area Under the Curve

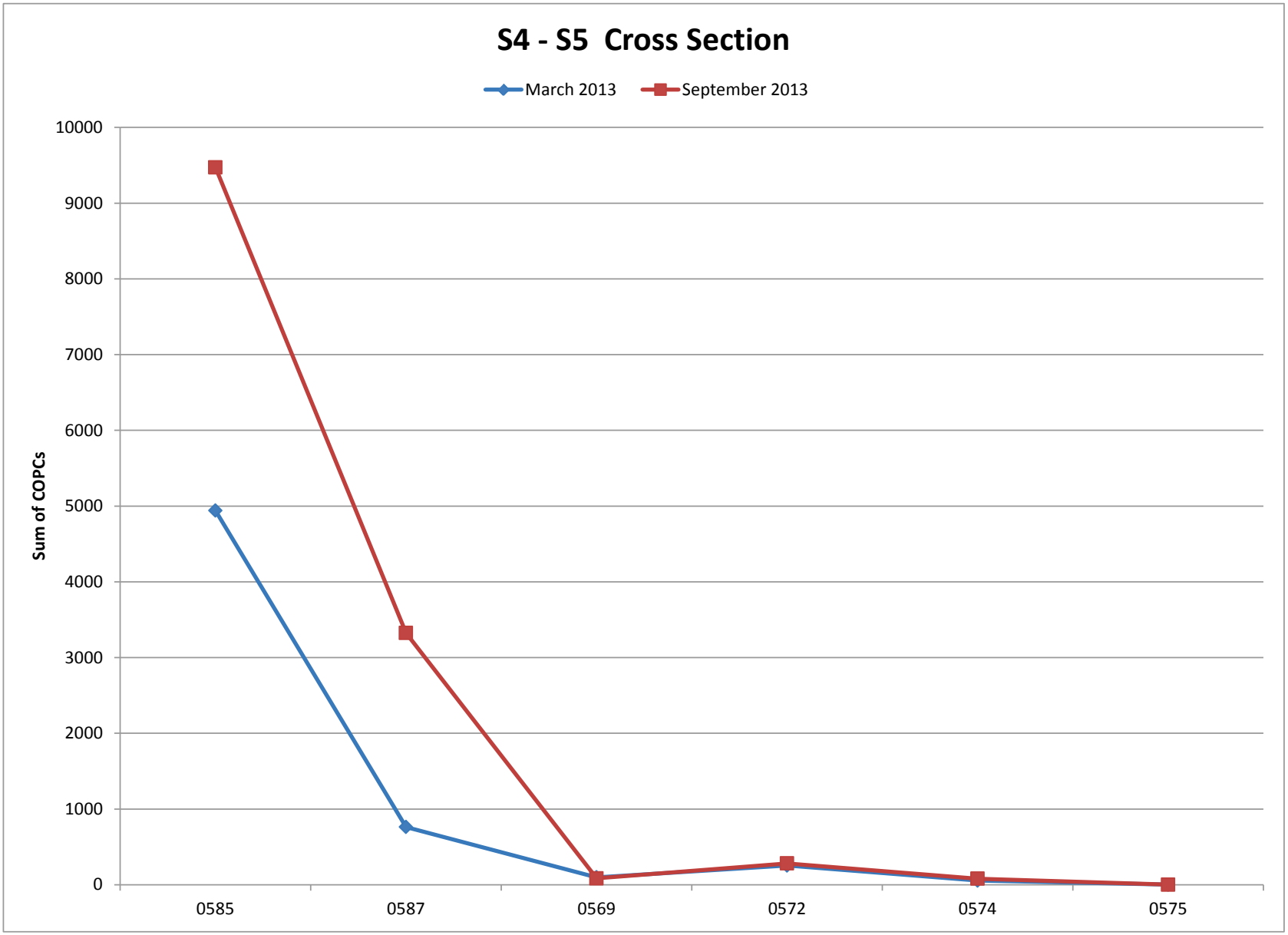


Figure 25. S4-S5 Cross Section

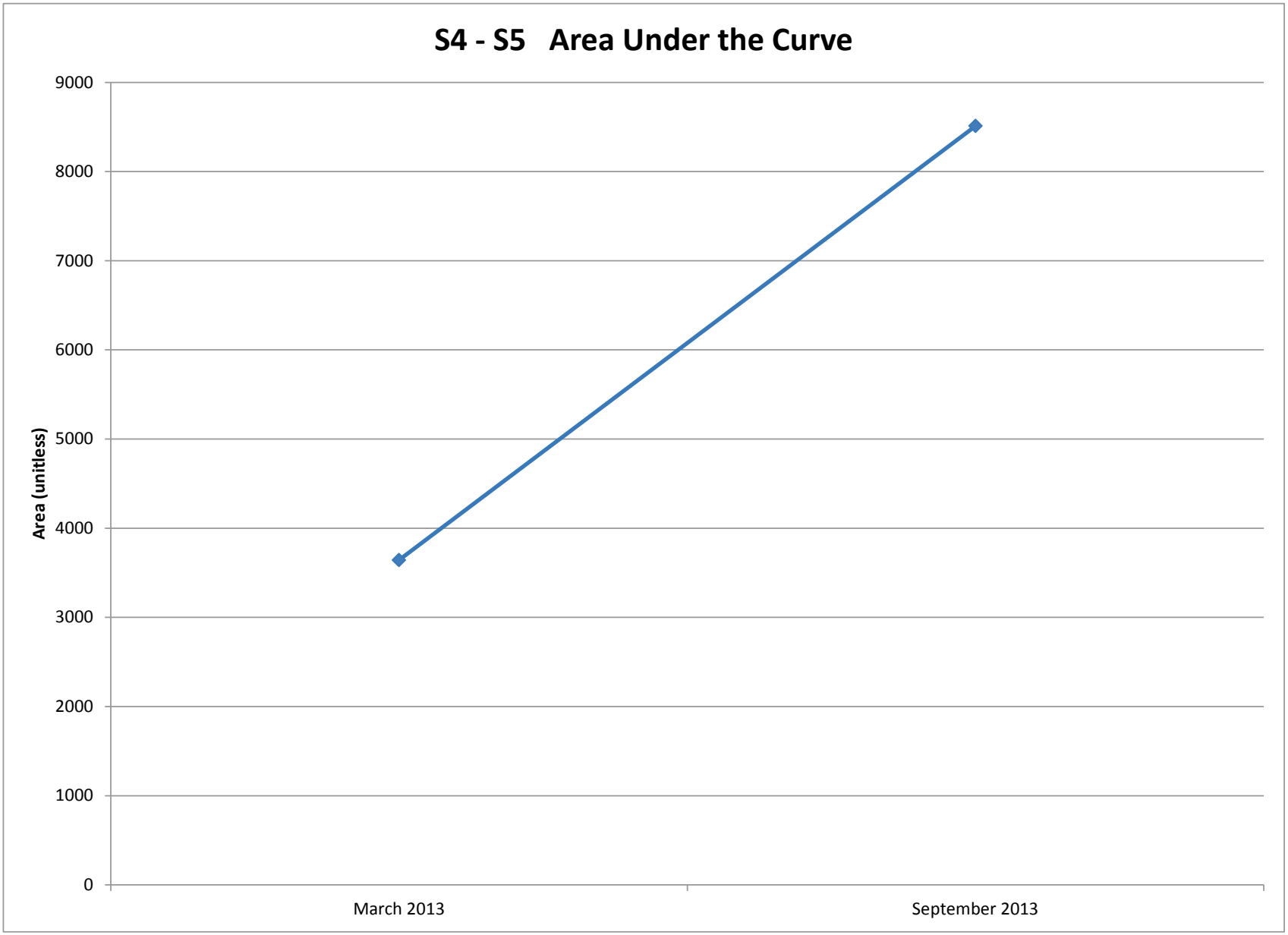


Figure 26. S4-S5 Area Under the Curve

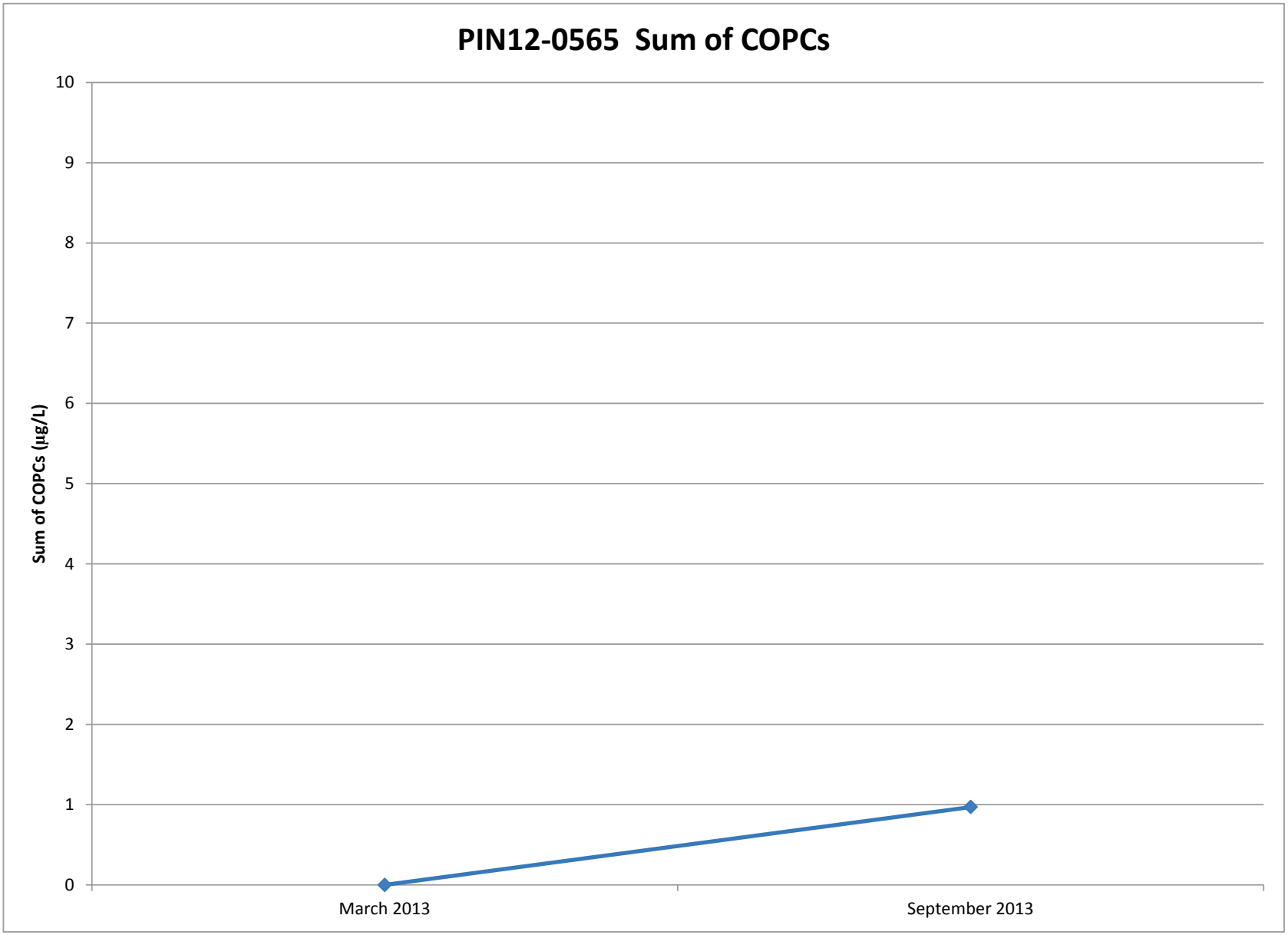


Figure 27. Sum of COPCs for Monitoring Well PIN12-0565

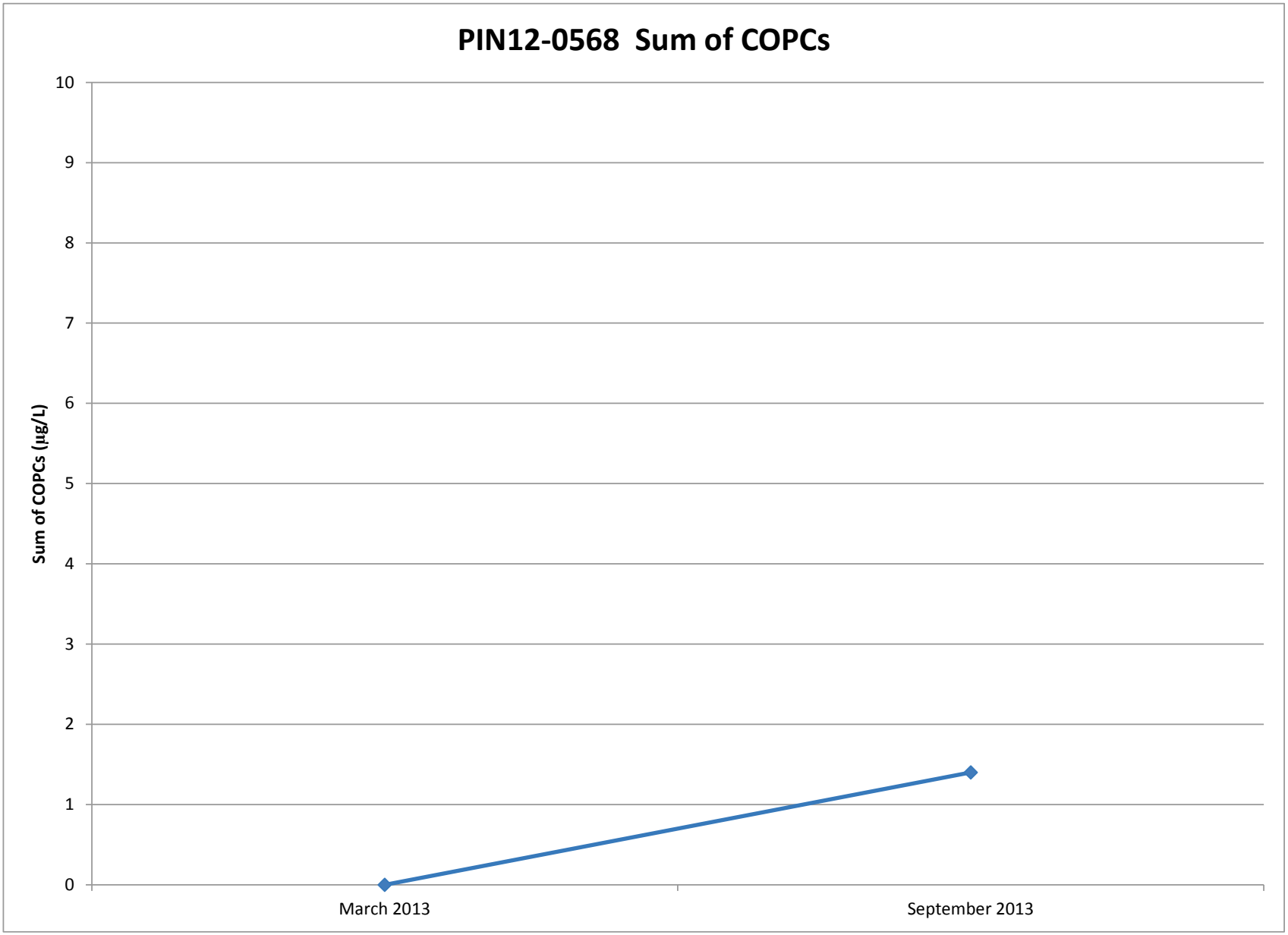


Figure 28. Sum of COPCs for Monitoring Well PIN12-0568

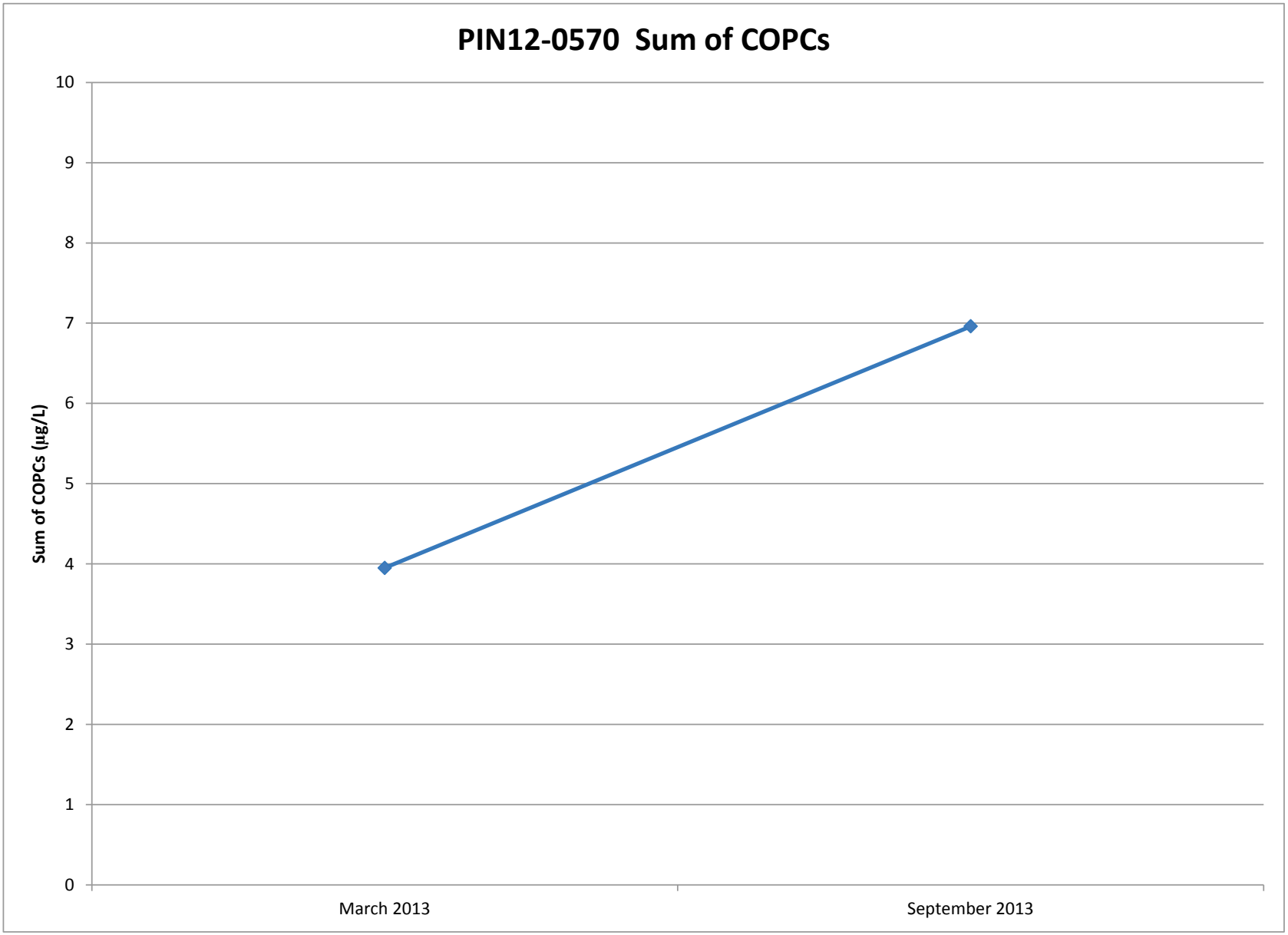


Figure 29. Sum of COPCs for Monitoring Well PIN12-0570

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

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN02	**Sitewide Piezometers**			
PZ03	9/10/2013	09:53	2.78	16.92
PZ04	9/10/2013	10:00	1.73	16.47
PZ05	9/10/2013	09:43	2.26	15.84
PZ08	9/10/2013	12:07	3.04	15.36
PZ09	9/10/2013	12:26	3.09	14.91
PZ10	9/10/2013	09:34	4.37	14.51
PZ11	9/10/2013	09:43	4.50	14.38
Building 100 Area				
PIN06				
0500	9/10/2013	11:35	2.39	15.61
PIN12				
0509	9/10/2013	11:45	2.60	15.44
0520	9/10/2013	11:33	2.11	15.90
0521	9/10/2013	11:16	2.40	15.65
0524	9/10/2013	13:00	3.13	14.28
0525	9/10/2013	12:57	3.15	14.27
0527	9/10/2013	09:49	10.52	7.55
0528	9/10/2013	10:57	10.25	7.35
0539	9/10/2013	10:32	2.91	13.69
0540	9/10/2013	10:35	2.43	13.67
0541	9/10/2013	10:44	3.99	13.67
0542	9/10/2013	10:48	4.95	12.75
0549	9/10/2013	10:50	3.97	13.69
0550-1	9/10/2013	14:12	0.86	13.84
0550-2	9/10/2013	14:20	0.69	14.01
0550-3	9/10/2013	14:22	0.62	14.08
0551-1	9/10/2013	14:05	2.79	12.61
0551-2	9/10/2013	14:10	2.33	13.07
0551-3	9/10/2013	14:11	2.73	12.67
0554A	9/10/2013	11:02	4.03	14.21
0554B	9/10/2013	11:06	3.99	14.25
0554C	9/10/2013	11:09	4.02	14.22
0555A	9/10/2013	11:01	3.19	14.70
0555B	9/10/2013	10:57	3.43	14.46
0555C	9/10/2013	10:51	3.43	14.46
0561-1	9/10/2013	12:31	3.38	14.84
0561-2	9/10/2013	12:42	3.60	14.62
0561-3	9/10/2013	12:44	3.54	14.68
0562-1	9/10/2013	13:02	4.61	13.65

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

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0562-2	9/10/2013	13:18	4.54	13.72
0562-3	9/10/2013	13:18	4.59	13.67
0564-1	9/10/2013	08:58	2.64	12.86
0564-2	9/10/2013	09:03	2.71	12.79
0564-3	9/10/2013	09:04	2.75	12.75
0565-1	9/10/2013	09:13	3.51	12.19
0565-2	9/10/2013	09:19	3.55	12.15
0565-3	9/10/2013	09:19	3.53	12.17
0566-1	9/10/2013	09:28	3.31	12.29
0566-2	9/10/2013	09:33	3.22	12.38
0566-3	9/10/2013	09:34	3.22	12.38
0567-1	9/10/2013	08:51	4.19	14.07
0567-2	9/10/2013	08:56	4.28	13.98
0567-3	9/10/2013	08:57	4.40	13.86
0568-1	9/10/2013	08:44	4.48	13.78
0568-2	9/10/2013	08:49	4.58	13.68
0568-3	9/10/2013	08:50	4.67	13.59
0569-1	9/10/2013	08:38	4.73	13.38
0569-2	9/10/2013	08:43	4.79	13.32
0569-3	9/10/2013	08:44	4.79	13.32
0570-1	9/10/2013	08:23	4.87	12.93
0570-2	9/10/2013	08:28	4.93	12.87
0570-3	9/10/2013	08:29	4.92	12.88
0571-1	9/10/2013	08:31	5.10	13.10
0571-2	9/10/2013	08:37	5.15	13.05
0571-3	9/10/2013	08:38	5.11	13.09
0572-1	9/10/2013	09:38	3.11	12.49
0572-2	9/10/2013	09:47	2.94	12.66
0573-1	9/10/2013	09:05	2.77	12.23
0573-2	9/10/2013	09:12	2.87	12.13
0573-3	9/10/2013	09:13	2.82	12.18
0574-1	9/10/2013	09:20	4.97	11.33
0574-2	9/10/2013	09:22	4.81	11.49
0574-3	9/10/2013	09:23	4.87	11.43
0575-1	9/10/2013	09:24	4.49	10.81
0575-2	9/10/2013	09:26	4.45	10.85
0576-1	9/10/2013	14:27	4.27	13.23
0576-2	9/10/2013	14:32	4.09	13.41
0576-3	9/10/2013	14:33	4.07	13.43
0577-1	9/10/2013	14:41	4.53	13.37

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

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0577-2	9/10/2013	14:48	4.45	13.45
0577-3	9/10/2013	14:48	4.44	13.46
0578-1	9/10/2013	14:32	3.75	14.05
0578-2	9/10/2013	14:38	3.78	14.02
0578-3	9/10/2013	14:38	3.78	14.02
0579-1	9/10/2013	14:34	3.75	13.65
0579-2	9/10/2013	14:39	3.75	13.65
0579-3	9/10/2013	14:40	3.73	13.67
0580-1	9/10/2013	11:11	4.36	14.14
0580-2	9/10/2013	11:17	4.38	14.12
0580-3	9/10/2013	11:17	4.39	14.11
0581-1	9/10/2013	10:37	3.74	13.62
0581-2	9/10/2013	10:43	3.68	13.68
0581-3	9/10/2013	10:43	3.69	13.67
0582-1	9/10/2013	10:23	3.04	13.69
0582-2	9/10/2013	10:29	3.04	13.69
0582-3	9/10/2013	10:31	3.05	13.68
0583-1	9/10/2013	10:07	2.81	13.70
0583-2	9/10/2013	10:12	2.83	13.68
0583-3	9/10/2013	10:12	2.68	13.83
0584-1	9/10/2013	12:45	3.10	14.50
0584-2	9/10/2013	12:51	3.24	14.36
0584-3	9/10/2013	12:52	3.26	14.34
0585-1	9/10/2013	12:52	3.11	14.38
0585-2	9/10/2013	12:56	3.19	14.30
0585-3	9/10/2013	12:56	3.24	14.25
0586-1	9/10/2013	13:32	3.71	13.69
0586-2	9/10/2013	13:40	3.64	13.76
0586-3	9/10/2013	13:40	3.64	13.76
0587-1	9/10/2013	13:44	3.85	13.65
0587-2	9/10/2013	13:45	3.74	13.76
0587-3	9/10/2013	13:46	3.74	13.76
0588-1	9/10/2013	13:46	3.76	13.64
0588-2	9/10/2013	13:49	3.76	13.64
0588-3	9/10/2013	13:50	3.76	13.64
PZ01	9/10/2013	14:49	6.15	11.35
PZ02	9/10/2013	14:02	4.88	14.02
PZ03	9/10/2013	14:39	2.85	14.05
RW01	9/10/2013	11:42	2.61	15.64
RW02	9/10/2013	11:40	2.72	15.61

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

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
S29C	9/10/2013	09:55	3.41	15.10
S30B	9/10/2013	10:04	2.94	15.57
S31B	9/10/2013	10:27	3.06	15.45
S32B	9/10/2013	09:19	2.91	15.60
S33C	9/10/2013	09:47	2.86	15.65
S35B	9/10/2013	10:09	3.34	15.17
S36B	9/10/2013	09:13	3.53	14.98
S37B	9/10/2013	09:38	2.92	15.59
S67B	9/10/2013	11:14	3.53	14.94
S67C	9/10/2013	10:39	3.60	14.87
S67D	9/10/2013	11:08	3.85	14.63
S68B	9/10/2013	13:50	4.64	13.26
S68C	9/10/2013	14:02	3.80	14.10
S68D	9/10/2013	14:04	3.80	14.10
S69B	9/10/2013	11:40	2.29	13.71
S69C	9/10/2013	11:45	2.23	13.77
S69D	9/10/2013	11:46	1.75	14.25
S70B	9/10/2013	11:32	2.72	13.98
S70C	9/10/2013	11:33	2.54	14.16
S70D	9/10/2013	11:34	2.72	13.98
S71B	9/10/2013	11:21	4.35	14.05
S71C	9/10/2013	11:26	4.26	14.14
S71D	9/10/2013	11:27	4.26	14.14
S73B	9/10/2013	10:13	3.09	13.91
S73C	9/10/2013	10:20	3.29	13.71
S73D	9/10/2013	10:18	3.33	13.67
PIN21				
0502	9/10/2013	09:50	1.89	13.31
0503	9/10/2013	10:04	2.00	13.20
0504	9/10/2013	13:30	3.94	13.66
0505	9/10/2013	13:19	3.48	13.92
PIN15	**Northeast Site**			
0506	9/10/2013	10:53	2.78	14.22
0507	9/10/2013	10:56	2.87	14.13
0513	9/10/2013	10:42	10.16	7.44
0520	9/10/2013	10:50	3.29	13.81
0530	9/10/2013	17:08	2.26	15.14
0534	9/10/2013	10:46	2.87	14.23
0535	9/10/2013	17:14	2.35	15.25
0537	9/10/2013	10:13	2.65	15.95

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

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0568	9/10/2013	10:05	3.91	14.59
0569	9/10/2013	10:12	3.79	14.59
0573	9/10/2013	10:35	2.19	16.19
0574	9/10/2013	10:30	2.41	16.01
0594	9/10/2013	10:23	3.73	14.77
0595	9/10/2013	10:17	2.55	16.05
M16D	9/10/2013	10:29	1.88	16.32
M16S	9/10/2013	10:24	1.99	16.21
M24D	9/10/2013	10:38	1.89	15.91
M33D	9/10/2013	10:41	0.85	16.75
PIN18	**WWNA**			
0503	9/10/2013	12:17	2.29	15.39
0507	9/10/2013	17:06	2.08	15.65
0526	9/10/2013	07:42	3.51	15.09

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

Table 2. Surface Water Elevations, September 2013

Location	Measurement		Surface Water Elevation (ft amsl)
	Date	Time	
PIN01	**Pond 5**		
P501	9/10/2013	12:17	13.79
P502	9/10/2013	12:22	14.05
PIN02	**West Pond**		
W005	9/10/2013	12:27	13.96
PIN12	**Belcher Road Pond**		
BR01	9/10/2013	12:00	14.45
PIN15	**East Pond**		
E001	9/10/2013	11:49	13.97
PIN23	**Southwest Pond**		
SW01	9/10/2013	12:18	13.82
PIN37	**South Pond**		
S001	9/10/2013	12:14	13.78
S002	9/10/2013	12:06	13.83

Abbreviations:
ft amsl = feet above mean sea level

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

Location	Screen Interval (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
PIN12	**Building 100 Area**						
0524	27–37	28.5	1,307	3	6.68	12	0.6
0525	12–22	28.3	675	4	6.86	-4	0.7
0539	9.5–19.5	30.8	1,467	491	6.58	-78	0.4
0540	20–30	30.1	1,420	6	6.65	-70	0.4
0541	10–20	30.4	714	13	-	-	0.3
0542	20–30	30.2	784	13	-	-	0.3
0549	30–40	29.9	1,288	8	-	-	0.3
0551-1	9–18	33.1	997	2	6.60	-43	1.1
0551-2	20–29	31.5	1,063	4	6.52	-44	1.2
0554A	3–13	28.9	964	9	6.33	8	1.4
0554B	13–23	27.7	545	56	6.71	23	0.3
0554C	23–33	27.7	824	10	6.74	9	0.3
0555A	2.5–12.5	30.0	423	3	6.43	-72	0.6
0555B	13–23	27.6	442	32	6.80	-64	0.1
0555C	23–33	26.9	517	10	6.70	16	1.1
0561-1	9–18	28.3	533	3	7.00	-65	0.9
0561-2	20–29	27.9	535	1	6.94	-87	0.5
0561-3	31–40	28.4	1,049	1	6.75	-100	0.4
0565-1	9–18	33.0	1,400	1	6.77	-63	0.5
0565-2	20–29	31.7	1,213	2	6.74	-66	0.4
0565-3	31–40	31.2	1,482	2	6.71	-51	0.4
0568-1	9–18	28.3	1,757	1	6.75	-54	1.0
0568-2	20–29	28.4	1,353	2	6.63	-49	0.8
0568-3	31–40	28.1	1,778	1	6.67	-66	0.8
0569-1	9–18	29.2	2,027	1	6.76	-39	1.0
0569-2	20–29	29.2	1,132	5	6.72	-30	0.8
0569-3	31–40	29.5	1,280	1	6.74	-22	0.8
0570-1	9–18	31.1	1,919	2	6.70	-38	1.1
0570-2	20–29	29.7	1,359	1	6.72	-51	0.9
0570-3	31–40	29.6	1,268	3	6.70	-50	1.0
0572-1	9–18	32.3	1,632	2	6.66	-62	1.2
0572-2	20–29	31.5	971	2	6.65	-47	1.2
0573-1	9–18	29.1	1,544	3	6.72	-65	0.8
0573-2	20–29	29.8	1,198	1	6.74	-72	0.5
0573-3	31–40	29.4	1,527	1	6.79	-51	0.4
0574-1	9–18	29.5	1,258	1	6.75	-54	1.4
0574-2	20–29	29.3	1,275	1	6.72	-39	1.3
0574-3	31–40	30.9	1,274	3	6.76	-46	1.2

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

Location	Screen Interval (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0575-1	9–18	31.0	1,321	3	6.78	-61	0.8
0575-2	20–29	31.4	1,465	10	6.77	-56	0.6
0576-1	4–13	27.4	1,128	11	6.59	-36	1.3
0576-2	15–24	27.5	1,080	12	6.63	-108	1.1
0576-3	26–35	27.4	1,690	2	6.69	-50	1.0
0577-1	4–13	32.2	1,186	3	6.31	-124	1.4
0577-2	15–24	31.4	987	2	6.41	-33	1.3
0577-3	26–35	31.2	1,290	1	6.58	-61	1.1
0578-1	4–13	30.0	404	12	6.37	-35	1.3
0578-2	15–24	29.8	923	2	6.44	-48	1.3
0578-3	26–35	29.9	1,084	3	6.42	-35	1.3
0579-1	4–13	26.6	1,535	3	5.94	-78	2.4
0579-2	15–24	27.0	1,006	1	6.46	-42	1.3
0579-3	26–35	27.4	1,462	7	6.63	-29	1.5
0580-1	9–18	30.0	553	2	6.85	-11	0.6
0580-2	20–29	30.8	1,199	2	6.77	-40	0.6
0580-3	31–40	29.6	1,412	3	6.78	-5	0.9
0581-1	9–18	33.9	1,255	2	-	-	0.3
0581-2	20–29	31.6	1,087	10	-	-	0.6
0581-3	31–40	31.5	1,456	2	6.78	-38	0.4
0582-1	9–18	31.5	1,637	4	6.74	-75	0.7
0582-2	20–29	31.7	1,132	1	6.73	-83	0.6
0582-3	31–40	33.6	1,542	16	6.66	-58	0.4
0583-1	9–18	30.7	923	5	6.73	-92	0.4
0583-2	20–29	29.8	1,665	1	6.56	-68	0.6
0583-3	31–40	29.8	1,635	11	6.65	-51	0.5
0584-1	9–18	32.0	577	5	7.01	-89	0.9
0584-2	20–29	31.0	987	3	6.78	-85	0.5
0584-3	31–40	32.2	1,444	6	6.74	-56	0.6
0585-1	9–18	31.1	690	6	6.91	-24	0.9
0585-2	20–29	30.5	1,072	2	6.80	-31	0.7
0585-3	31–40	36.0	1,489	5	6.74	-52	0.6
0586-1	8–17	32.3	596	4	6.92	-89	0.6
0586-2	19–28	30.7	700	13	6.77	-81	0.6
0586-3	30–39	30.5	1,467	8	6.88	-81	0.6
0587-1	9–18	31.5	672	6	6.93	-61	0.8
0587-2	20–29	30.9	876	3	6.68	-43	0.9
0587-3	31–40	26.0	1,339	4	6.80	-67	0.6
0588-1	9–18	27.7	776	11	6.96	-135	0.4
0588-2	20–29	27.8	976	1	6.72	-63	0.5

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

Location	Screen Interval (ft bls)	Temperature (°C)	Specific Conductance (µmhos/cm)[a]	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0588-3	31–40	28.5	1,326	5	6.82	-76	0.4
S30B	5–15	22.3	819	8	6.86	12	1.9
S33C	11–21	24.0	607	7	6.86	-18	2.0
S35B	5–15	23.3	1,519	7	6.51	9	1.6
S67B	10–19.83	23.3	991	5	6.81	-47	1.6
S67C	20–29.83	23.0	840	5	6.82	-57	1.5
S67D	30–39.83	23.2	817	40	6.82	-57	1.5
S68B	10–20	30.7	771	13	6.75	-68	0.6
S68C	18–28	29.7	1,061	10	6.64	-36	0.7
S68D	30–40	28.9	1,450	2	6.63	-24	0.6
S69B	10–20	30.0	679	12	6.94	-87	0.3
S69C	20–30	31.3	769	2	6.79	-52	0.5
S69D	30–40	30.6	1,563	2	6.77	-26	0.6
S70B	10–20	28.9	799	161	6.83	-31	0.4
S70C	20–30	29.1	1,285	125	6.66	-43	0.4
S70D	30–40	29.5	1,430	15	6.68	-20	0.6
S71B	10–20	29.5	697	16	6.78	-56	0.5
S71C	20–30	29.3	1,361	199	-	-	0.5
S71D	30–40	29.2	1,443	12	-	-	0.4
S73B	10–20	31.3	1,021	78	6.63	-294	-
S73C	20–30	30.6	1,697	7	6.62	-190	0.7
S73D	30–40	31.1	1,796	16	6.39	-76	0.6

Notes:
[a] Temperature corrected to 25 °C

Abbreviations:
– = not measured
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, September 2013 (Reported in µg/L)

Sample ID	Duplicate ID	Analyte	Result	Duplicate Result	MDL	RPD
PIN12-0572-2	PIN12-2450	1,1-Dichloroethene	11	7.4	0.23	39
		1,4-Dioxane	1.2	1.2	0.22	0
		cis-1,2-Dichloroethene	210	180	1.5	15
		Vinyl Chloride	59	44	0.10	29
PIN12-0580-2	PIN12-2451	1,1-Dichloroethane	5.1	4.8	0.22	6
		1,4-Dioxane	170	160	8.8	6
		cis-1,2-Dichloroethene	21	20	0.15	5
		trans-1,2-Dichloroethene	8.2	7.2	0.15	13
		Vinyl Chloride	150	140	0.50	7
PIN12-0581-2	PIN12-2452	1,1-Dichloroethane	16	15	0.22	6
		1,4-Dioxane	30	27	1.1	11
		cis-1,2-Dichloroethene	7.2	7.1	0.15	1
		Vinyl Chloride	20	18	0.10	11
PIN12-0582-2	PIN12-2453	1,1-Dichloroethane	56	56	0.22	0
		1,4-Dioxane	270	290	4.4	7
		cis-1,2-Dichloroethene	21	21	0.15	0
		trans-1,2-Dichloroethene	5.3	5.3	0.15	0
		Vinyl Chloride	170	170	1.0	0
PIN12-0587-2	PIN12-2454	1,1-Dichloroethene	81	67	2.3	19
		1,4-Dioxane	2.6	2.9	0.22	11
		cis-1,2-Dichloroethene	2,000	1,700	15	16
		trans-1,2-Dichloroethene	11	10	1.5	10
		Vinyl Chloride	400	390	1.0	3

Abbreviations:
MDL = method detection limit
RPD = relative percent difference

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

Location	Screen Depth (ft bls)	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
		9/14/2013	<0.64	640	6.7	18	420	1.4J	1,086
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
0539	9.5–19.5	3/8/2013	<0.16	1.6	1.3	<0.23	53	38	94
		9/17/2013	<0.16	1.1	0.72J	<0.23	6.7	1.8	10
0540	20–30	3/8/2013	<0.16	12	6.8	<0.23	230	170J	419
		9/17/2013	<0.32	21	14	0.53J	300	260	596
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
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
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
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
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
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
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
0554C	23–33	3/8/2013	<0.16	16	5.5	1	88	76	187
		9/13/2013	<0.16	17	7.1	1	69	73J	167
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
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
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
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
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
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

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

Location	Screen Depth (ft bls)	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**	
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
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
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
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
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
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
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
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
0569-3	31–40	3/8/2013	<0.64	54	<0.6	2.5J	37	1.3J	95
		9/13/2013	<0.16	39	0.54J	1.4	35	<0.22	76
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
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
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
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
0572-2	20–29	3/11/2013	<0.8	200	1.7J	10	42	<0.44	254
		9/12/2013	<0.16	210	1.8	11J	59J	1.2	283
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
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
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
0574-1	9–18	3/11/2013	<0.64	7.3	<0.6	<0.92	12	<0.44	19
		9/17/2013	<0.16	5.9	<0.15	<0.23	14	1.3	21
0574-2	20–29	3/11/2013	<0.16	17	0.28J	<0.23	18	<0.44	35
		9/17/2013	<0.16	13	0.2J	<0.23	26	<0.22	39
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

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

Location	Screen Depth (ft bls)	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
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
0576-1	4–13	3/13/2013	<0.16	7.4	0.17J	2	15	36	61
		9/12/2013	<0.16	5.3	<0.15	1.4	12	33	52
0576-2	15–24	3/13/2013	<0.16	8.9	0.21J	2.4	17	27J	56
		9/12/2013	<0.16	6.2	<0.15	1.6	13	35	56
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
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
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
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
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
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
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
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
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
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
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
0580-2	20–29	3/7/2013	<0.16	18	5J	<0.23	150J	160	333
		9/13/2013	<0.16	21	8.2	0.38J	150	170J	350
0580-3	31–40	3/7/2013	<0.16	12	0.88J	<0.23	23	28	64
		9/13/2013	<0.16	16	3.2	0.39J	33	30J	83
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
0581-2	20–29	3/11/2013	<0.16	3.6	<0.15	0.47J	7.3	<0.44	11
		9/16/2013	<0.16	7.2	0.61J	1.1	20	30	59
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

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

Location	Screen Depth (ft bls)	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**	
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
0582-2	20–29	3/11/2013	<0.16	13	2.5	0.72J	130J	170J	316
		9/17/2013	<0.16	21	5.3	0.8J	170	270	467
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
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
0583-2	20–29	3/12/2013	<0.16	0.25J	2.2	<0.23	16	<4.4	18
		9/18/2013	<0.16	0.38J	2.5	<0.23	13	4.1	20
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
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
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
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
0585-1	9–18	3/9/2013	5.3	59	0.41J	2.7	9.8	<0.44	77
		9/14/2013	4.2	36	0.41J	2.4	5.4	2.4J	51
0585-2	20–29	3/9/2013	420	3,500	17	160	420	<8.8	4,517
		9/14/2013	1,300	5,800	39	410	700	<2.2	8,249
0585-3	31–40	3/9/2013	0.71J	140	1.1	4	200	<0.44	346
		9/14/2013	24	230	5.6	11	900	1.3J	1,172
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
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	17
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
0587-1	9–18	3/13/2013	<0.16	50	0.3J	1.3	13	<0.44	65
		9/17/2013	<0.32	510	4.4	22	250	<0.22	786
0587-2	20–29	3/13/2013	<0.16	190	1.4	7.9J	71	<0.44	270
		9/17/2013	<1.6	2,000	11	81	400	2.6	2,495
0587-3	31–40	3/13/2013	<0.16	280	2.2	16	130	<0.44	428
		9/18/2013	<0.16	0.4J	<0.15	<0.23	42	1.2	44
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
0588-2	20–29	3/14/2013	<0.16	12	<0.15	<0.23	16	6.6	35
		9/18/2013	<0.16	6.2	<0.15	<0.23	7.8	6.7	21

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

Location	Screen Depth (ft bls)	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**	
0588-3	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
S30B[d]	5–15	3/8/2013	23	43	4.5	0.54J	10	<0.44	81
		9/13/2013	6.7	15	1.6	<0.23	5.2	0.82J	29
S33C[d]	11–21	3/8/2013	180	920	48	33	150	<0.44	1,331
		9/13/2013	19	260	4.8	7.2	340	<0.22	631
S35B[d]	5–15	3/8/2013	5,500	40,000	5,100	940	12,000	<0.44	63,540
		9/13/2013	7,000	63,000	7,000	1,100	19,000	3.5	97,104
S67B	10–19.83	3/7/2013	<0.16	13	3.3	<0.23	250	91	357
		9/13/2013	<0.16	13	3.3	<0.23	230	89J	335
S67C	20–29.83	3/7/2013	<0.16	48	9.7	0.64J	65	<0.88	123
		9/13/2013	<0.16	43	8.3	0.52J	110	45J	207
S67D	30–39.83	3/7/2013	<0.16	6.2	1.9	<0.23	11	<0.22	19
		9/13/2013	<0.16	6	1.9	<0.23	9.1	1.3	18
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
S68C	18–28	3/13/2013	<0.64	5.3	<0.6	<0.92	<0.4	4.5	10
		9/18/2013	<0.16	22	0.32J	<0.23	16	4.9	43
S68D	30–40	3/13/2013	<0.64	41	<0.6	<0.92	16	3.3	60
		9/18/2013	<0.16	70	0.92J	<0.23	52	1.5	124
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
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
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
S70B	10–20	3/12/2013	<0.16	15	0.47J	<0.23	7.5	<0.22	23
		9/14/2013	<0.16	13	0.44J	<0.23	4.7	<0.22	18
S70C	20–30	3/12/2013	<0.16	19	7.2	0.47J	22	15	64
		9/14/2013	<0.16	13	4.2	<0.23	11	15J	43
S70D	30–40	3/12/2013	<0.16	23	9.2	0.68J	19	12	64
		9/14/2013	<0.16	18	6.4	0.4J	12	15J	52
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
S71C	20–30	3/9/2013	<0.16	18	10	0.29J	44	34	106
		9/16/2013	<0.16	32	17	0.44J	58	46	153
S71D	30–40	3/9/2013	<0.16	29	17	0.6J	60	<0.44	107
		9/16/2013	<0.16	25	12	0.4J	48	17	102
S73B	10–20	3/11/2013	<0.16	1.4	0.5J	<0.23	11	<0.44	13
		9/17/2013	<0.16	0.35J	0.16J	<0.23	0.96J	<0.22	1.5

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

Location	Screen Depth (ft bls)	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**	
S73C	20–30	3/11/2013	<0.16	18	17	0.47J	230	130	395
		9/17/2013	<0.16	4.7	6.3	<0.23	74	67	152
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

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:
J = estimated value
ND = not detected
ft bls = feet below land surface

Table 6. September 2013 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	TCOPCs
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	1.2	0.55J	<0.23	<0.1	<0.22	1.8
0554A	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554B	<0.16	2.5	0.39J	0.27J	6.4	7.8	17
0554C	<0.16	17	7.1	1	69	73J	167
0580-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0580-2	<0.16	21	8.2	0.38J	150	170J	350
0580-3	<0.16	16	3.2	0.39J	33	30J	83
S71B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
S71C	<0.16	32	17	0.44J	58	46	153
S71D	<0.16	25	12	0.4J	48	17	102
S70B	<0.16	13	0.44J	<0.23	4.7	<0.22	18
S70C	<0.16	13	4.2	<0.23	11	15J	43
S70D	<0.16	18	6.4	0.4J	12	15J	52
S69B	<0.16	0.21J	<0.15	<0.23	<0.1	<0.22	0.2
S69C	<0.16	0.57J	0.2J	<0.23	0.3J	<0.22	1.1
S69D	<0.16	0.33J	<0.15	<0.23	0.3J	<0.22	0.6
E3 to E4 Cross Section							
0541	<0.16	0.32J	<0.15	<0.23	<0.1	1.1	1.4
0542	<0.16	0.62J	<0.15	<0.23	<0.1	2.5	3.1
0549	<0.16	0.23J	<0.15	<0.23	<0.1	2.1	2.3
0581-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0581-2	<0.16	7.2	0.61J	1.1	20	30	59
0581-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-2	<0.16	21	5.3	0.8J	170	270	467
0582-3	<0.16	0.22J	<0.15	<0.23	0.63J	<0.22	0.9
0539	<0.16	1.1	0.72J	<0.23	6.7	1.8	10
0540	<0.32	21	14	0.53J	300	260	596
S73B	<0.16	0.35J	0.16J	<0.23	0.96J	<0.22	1.5
S73C	<0.16	4.7	6.3	<0.23	74	67	152
S73D	<0.16	0.16J	<0.15	<0.23	1.1	2.3	3.6
0583-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0583-2	<0.16	0.38J	2.5	<0.23	13	4.1	20
0583-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND

Table 6 (continued). September 2013 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	TCOPCs
E5 to E6 Cross Section							
S67B	<0.16	13	3.3	<0.23	230	89J	335
S67C	<0.16	43	8.3	0.52J	110	45J	207
S67D	<0.16	6	1.9	<0.23	9.1	1.3	18
0580-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0580-2	<0.16	21	8.2	0.38J	150	170J	350
0580-3	<0.16	16	3.2	0.39J	33	30J	83
0582-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0582-2	<0.16	21	5.3	0.8J	170	270	467
0582-3	<0.16	0.22J	<0.15	<0.23	0.63J	<0.22	0.9
0576-1	<0.16	5.3	<0.15	1.4	12	33	52
0576-2	<0.16	6.2	<0.15	1.6	13	35	56
0576-3	<0.16	0.23J	<0.15	<0.23	0.67J	<0.22	0.9
0578-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0578-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0578-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	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	<0.22	ND
0584-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0584-2	<0.16	0.34J	<0.15	<0.23	2.7	<0.22	3.0
0584-3	<0.16	0.27J	<0.15	<0.23	3.3	<0.22	3.6
0585-1	4.2	36	0.41J	2.4	5.4	2.4J	51
0585-2	1,300	5,800	39	410	700	<2.2	8,249
0585-3	24	230	5.6	11	900	1.3J	1,172
0524	<0.64	640	6.7	18	420	1.4J	1,086
0525	<0.16	1.3	<0.15	<0.23	<0.1	1.9J	3.2
S68B	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
S68C	<0.16	22	0.32J	<0.23	16	4.9	43
S68D	<0.16	70	0.92J	<0.23	52	1.5	124
S69B	<0.16	0.21J	<0.15	<0.23	<0.1	<0.22	0.2
S69C	<0.16	0.57J	0.2J	<0.23	0.3J	<0.22	1.1
S69D	<0.16	0.33J	<0.15	<0.23	0.3J	<0.22	0.6
S2 to S3 Cross Section							
0586-1	<0.16	0.35J	<0.15	<0.23	0.13J	<0.22	0.5
0586-2	<0.16	10	<0.15	0.39J	5.6	0.91J	17
0586-3	<0.16	<0.15	<0.15	<0.23	2.9	<0.22	2.9
0587-1	<0.32	510	4.4	22	250	<0.22	786
0587-2	<1.6	2,000	11	81	400	2.6	2,495
0587-3	<0.16	0.4J	<0.15	<0.23	42	1.2	44

Table 6 (continued). September 2013 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	TCOPCs
0588-1	<0.16	0.63J	<0.15	<0.23	0.57J	<0.22	1.2
0588-2	<0.16	6.2	<0.15	<0.23	7.8	6.7	21
0588-3	<0.16	0.54J	<0.15	<0.23	2.4	<0.22	2.9
S4 to S5 Cross Section							
0585-1	4.2	36	0.41J	2.4	5.4	2.4J	51
0585-2	1,300	5,800	39	410	700	<2.2	8,249
0585-3	24	230	5.6	11	900	1.3J	1,172
0587-1	<0.32	510	4.4	22	250	<0.22	786
0587-2	<1.6	2,000	11	81	400	2.6	2,495
0587-3	<0.16	0.4J	<0.15	<0.23	42	1.2	44
0569-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0569-2	<0.16	1.1	<0.15	<0.23	5.9	1.8	8.8
0569-3	<0.16	39	0.54J	1.4	35	<0.22	76
0572-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0572-2	<0.16	210	1.8	11J	59J	1.2	283
0574-1	<0.16	5.9	<0.15	<0.23	14	1.3	21
0574-2	<0.16	13	0.2J	<0.23	26	<0.22	39
0574-3	<0.16	5.4	<0.15	<0.23	14	0.97J	20
0575-1	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
0575-2	<0.16	<0.15	<0.15	<0.23	0.89J	<0.22	0.9
Other Wells							
0551-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0551-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0565-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0565-2	<0.16	0.37J	<0.15	<0.23	0.2J	<0.22	0.6
0565-3	<0.16	0.4J	<0.15	<0.23	<0.1	<0.22	0.4
0568-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0568-2	<0.16	<0.15	<0.15	<0.23	<0.1	1.4	1.4
0568-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0570-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0570-2	<0.16	<0.15	<0.15	<0.23	0.56J	1J	1.6
0570-3	<0.16	<0.15	<0.15	<0.23	3.7	1.7J	5.4
0573-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0573-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0573-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0577-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0577-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0577-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0579-1	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0579-2	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0579-3	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND

Table 6 (continued). September 2013 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	TCOPCs
S30B[b]	6.7	15	1.6	<0.23	5.2	0.82J	29
S33C[b]	19	260	4.8	7.2	340	<0.22	631
S35B[b]	7,000	63,000	7,000	1,100	19,000	3.5	97,104

Notes:
[a] "<" values are method detection limits.
[b] Wells S30B, S33C, and S35B were sampled to track potential source depletion under the northwest corner of the building. These wells are not part of the plume stability monitoring program.

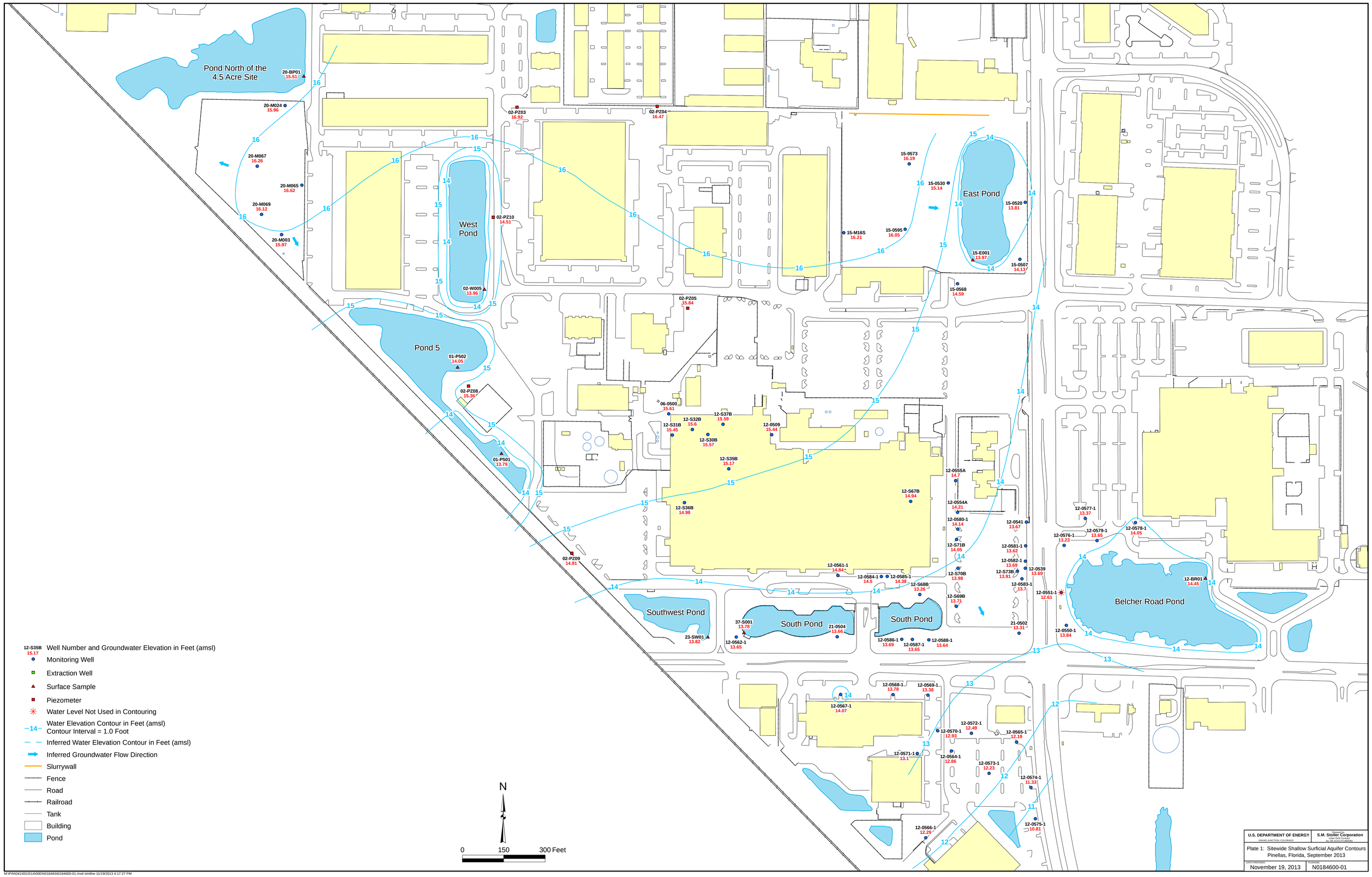
Abbreviations:
J = estimated value
ND = not detected

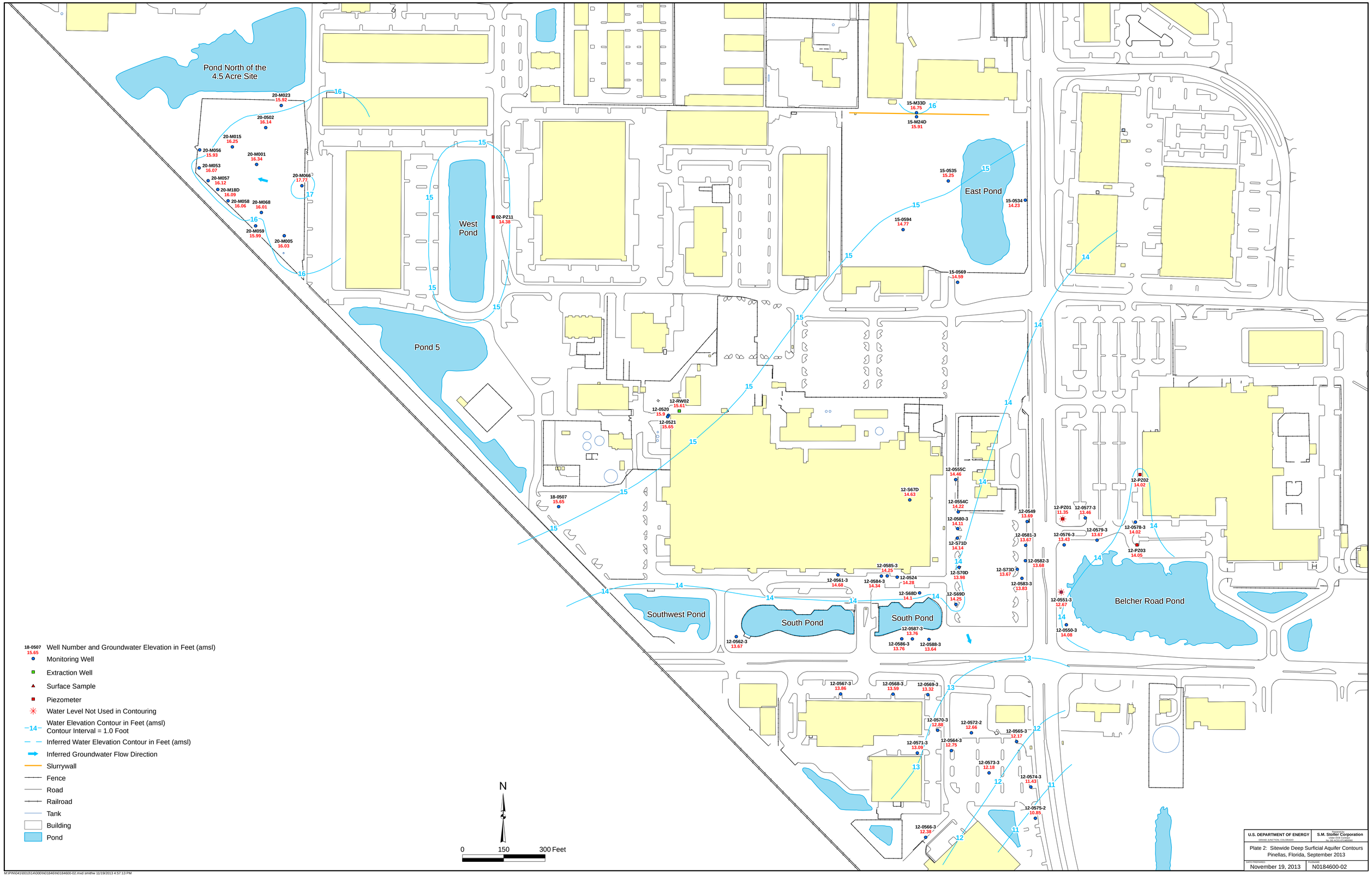
Table 7. Sum of COPCs for Each Plume Stability Monitoring Cross Section (µg/L)

Cross Section	Sum of COPCs
E1 to E2 Cross Section	
0555	1.8
0554	184
0580	432
S71	256
S70	113
S69	1.9
E3 to E4 Cross Section	
541/542/549	6.9
0581	59
0582	468
539/540	606
S73	157
0583	20
E5 to E6 Cross Section	
S67	560
0580	432
0582	468
0576	108
0578	0
S1 to E2 Cross Section	
0561	0
0584	6.6
0585	9,472
524/525	1,089
S68	168
S69	1.9
S2 to S3 Cross Section	
0586	20
0587	3,325
0588	25
S4 to S5 Cross Section	
0585	9,472
0587	3,325
0569	85
0572	283
0574	81
0575	2.4

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
E1-E2	956	987
E3-E4	1,262	1,303
E5-E6	1,092	1,289
S1-E2	6,206	10,736
S2-S3	786	3,347
S4-S5	3,643	8,510


Pond North of the 4.5 Acre Site
20-BP01 15.51
20-M024 15.96
20-M067 16.26
20-M065 16.62
20-M069 16.12
20-M003 15.97
02-PZ03 16.92
02-PZ04 16.47
West Pond
02-PZ10 14.51
02-W005 13.96
Pond 5
01-P502 14.05
02-PZ08 15.36
01-P501 13.79
02-PZ09 14.91
02-PZ05 15.84
15-0573 16.19
15-0530 15.14
East Pond
15-0520 13.81
15-M16S 16.21
15-0595 16.05
15-E001 13.97
15-0507 14.13
15-0568 14.59
06-0500 15.61
12-S32B 15.6
12-S37B 15.59
12-S31B 15.45
12-S30B 15.57
12-0509 15.44
12-S35B 15.17
12-S36B 14.98
12-S67B 14.94
12-0555A 14.7
12-0554A 14.21
12-0580-1 14.14
12-S71B 14.05
12-S70B 13.98
12-S69B 13.71
12-0541 13.67
12-0581-1 13.62
12-0582-1 13.69
12-S73B 13.91
12-0539 13.69
12-0583-1 13.7
21-0502 13.31
12-0577-1 13.37
12-0579-1 13.65
12-0578-1 14.05
12-0576-1 13.23
12-BR01 14.45
12-0551-1 12.61
Belcher Road Pond
12-0550-1 13.84
12-0561-1 14.84
12-0584-1 14.5
12-0585-1 14.38
12-S68B 13.26
Southwest Pond
South Pond
South Pond
37-S001 13.78
21-0504 13.66
23-SW01 13.82
12-0562-1 13.65
12-0586-1 13.69
12-0587-1 13.65
12-0588-1 13.64
12-0568-1 13.78
12-0569-1 13.38
12-0567-1 14.07
12-0572-1 12.49
12-0570-1 12.93
12-0565-1 12.19
12-0571-1 13.1
12-0564-1 12.86
12-0573-1 12.23
12-0574-1 11.33
12-0566-1 12.29
12-0575-1 10.81
12-S35B 15.17 Well Number and Groundwater Elevation in Feet (amsl)
Monitoring Well
Extraction Well
Surface Sample
Piezometer
Water Level Not Used in Contouring
14 Water Elevation Contour in Feet (amsl) Contour Interval = 1.0 Foot
Inferred Water Elevation Contour in Feet (amsl)
Inferred Groundwater Flow Direction
Slurrywall
Fence
Road
Railroad
Tank
Building
Pond
N
0 150 300 Feet
U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION, COLORADO
S.M. Stoller Corporation
Prime DOE Contractor
No. DE-AC01-07-GJ03002
Plate 1: Sitewide Shallow Surficial Aquifer Contours
Pinellas, Florida, September 2013
DATE PREPARED
November 19, 2013
FILENAME
N0184600-01
M:\PIN\04\00103\14000\N01846\N0184600-01.mxd smithw 11/19/2013 4:17:27 PM



18-0507 15.65 Well Number and Groundwater Elevation in Feet (amsl)
Monitoring Well
Extraction Well
Surface Sample
Piezometer
Water Level Not Used in Contouring
14 Water Elevation Contour in Feet (amsl) Contour Interval = 1.0 Foot
Inferred Water Elevation Contour in Feet (amsl)
Inferred Groundwater Flow Direction
Slurrywall
Fence
Road
Railroad
Tank
Building
Pond

U.S. DEPARTMENT OF ENERGY GRAND JUNCTION, COLORADO	S.M. Stoller Corporation Under DOE Contract No. DE-AC01-07LM00006
Plate 2: Sitewide Deep Surficial Aquifer Contours Pinellas, Florida, September 2013	
DATE PREPARED: November 19, 2013	FILENAME: N0184600-02

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Appendix A

Laboratory Reports

September 2013 Semiannual Monitoring

ANALYTICAL REPORT

Job Number: 280-46672-1

SDG Number: 13085578

Job Description: PINELLAS MONITORING

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

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
9/30/2013 5:09 PM

Kae E Yoder, Project Manager II
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0190
kae.yoder@testamericainc.com
09/30/2013

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

The Lab Certification ID# is E87667.

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

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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13085578

Report Number: 280-46672-1

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 9/14/2013 9:00 AM and 9/16/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.4º C and 5.7º C.

It can be noted that one cooler was received on Saturday 9/14/2013, while the 2nd cooler was received on Monday 9/16/2013, due to a FedEx shipping delay. The client was notified on 9/17/2013.

All of the 40mL vials submitted for samples PIN99-2198 (LJU-914) and PIN99-2201 (LJU 948), requesting VOA analysis, contained air bubbles greater than 6 mm in diameter. The client was notified on 9/17/2013.

GC/MS VOLATILES - SW846 8260B

Due to high constituent concentration, a reduced aliquot size had to be used for the analysis of cis-1,2-Dichloroethene in samples PIN12-0572-2 (LJU 943) and PIN12-2450 (LJU 950). The reporting limits have been elevated accordingly.

Methylene Chloride, a common laboratory contaminant, was detected in the method blanks associated with batches 280-192728 and 280-192750 at levels exceeding the reporting limit. Because this common laboratory contaminant is present in the method blanks at a level that is 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.

The MS/MSD associated with batch 280-192953 exhibited RPD data outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

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

Due to high constituent concentration, samples PIN12-0576-1 (LJU 916) and PIN12-0576-2 (LJU 917) had to be analyzed using a reduced aliquot size. The reporting limits have been elevated accordingly.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-46672-1	PIN12-0551-1	Water	09/11/2013 1505	09/16/2013 0900
280-46672-1MS	PIN12-0551-1	Water	09/11/2013 1505	09/16/2013 0900
280-46672-1MSD	PIN12-0551-1	Water	09/11/2013 1505	09/16/2013 0900
280-46672-2	PIN12-0551-2	Water	09/11/2013 1535	09/16/2013 0900
280-46672-2MS	PIN12-0551-2	Water	09/11/2013 1535	09/16/2013 0900
280-46672-2MSD	PIN12-0551-2	Water	09/11/2013 1535	09/16/2013 0900
280-46672-3	PIN12-0572-1	Water	09/12/2013 1400	09/16/2013 0900
280-46672-4	PIN12-0572-2	Water	09/12/2013 1435	09/16/2013 0900
280-46672-5	PIN12-0576-1	Water	09/12/2013 1035	09/16/2013 0900
280-46672-6	PIN12-0576-2	Water	09/12/2013 1110	09/16/2013 0900
280-46672-7	PIN12-0576-3	Water	09/12/2013 1140	09/16/2013 0900
280-46672-8	PIN12-0577-1	Water	09/11/2013 1125	09/16/2013 0900
280-46672-9	PIN12-0577-2	Water	09/11/2013 1335	09/16/2013 0900
280-46672-10	PIN12-0577-3	Water	09/11/2013 1415	09/16/2013 0900
280-46672-11	PIN12-0578-1	Water	09/12/2013 0840	09/16/2013 0900
280-46672-12	PIN12-0578-2	Water	09/12/2013 0915	09/16/2013 0900
280-46672-13	PIN12-0578-3	Water	09/12/2013 0950	09/16/2013 0900
280-46672-14	PIN12-0579-1	Water	09/11/2013 0840	09/16/2013 0900
280-46672-15	PIN12-0579-2	Water	09/11/2013 0940	09/16/2013 0900
280-46672-16	PIN12-0579-3	Water	09/11/2013 1030	09/16/2013 0900
280-46672-17	PIN99-2198	Water	09/11/2013 0800	09/16/2013 0900
280-46672-18	PIN12-2450	Water	09/12/2013 1200	09/16/2013 0900
280-46672-19	PIN12-0555A	Water	09/12/2013 1415	09/16/2013 0900
280-46672-20	PIN12-0555B	Water	09/12/2013 1453	09/16/2013 0900
280-46672-21	PIN99-2201	Water	09/12/2013 1347	09/16/2013 0900

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46672-1	**PIN12-0551-1**					
Acetone		4.7	J	10	ug/L	8260B
280-46672-2	**PIN12-0551-2**					
Acetone		4.3	J	10	ug/L	8260B
280-46672-4	**PIN12-0572-2**					
cis-1,2-Dichloroethene		210		10	ug/L	8260B
trans-1,2-Dichloroethene		1.8		1.0	ug/L	8260B
1,1-Dichloroethene		11		1.0	ug/L	8260B
Vinyl chloride		59		1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-46672-5	**PIN12-0576-1**					
1,1-Dichloroethane		11		1.0	ug/L	8260B
cis-1,2-Dichloroethene		5.3		1.0	ug/L	8260B
1,1-Dichloroethene		1.4		1.0	ug/L	8260B
Vinyl chloride		12		1.0	ug/L	8260B
1,4-Dioxane		33		4.0	ug/L	8260B SIM
280-46672-6	**PIN12-0576-2**					
1,1-Dichloroethane		13		1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.2		1.0	ug/L	8260B
1,1-Dichloroethene		1.6		1.0	ug/L	8260B
Vinyl chloride		13		1.0	ug/L	8260B
1,4-Dioxane		35		4.0	ug/L	8260B SIM
280-46672-7	**PIN12-0576-3**					
1,1-Dichloroethane		0.32	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.23	J	1.0	ug/L	8260B
Toluene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		0.67	J	1.0	ug/L	8260B
280-46672-10	**PIN12-0577-3**					
Acetone		2.3	J	10	ug/L	8260B
280-46672-16	**PIN12-0579-3**					
Toluene		0.23	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46672-17	**PIN99-2198**					
Methylene Chloride		2.1	B	1.0	ug/L	8260B
280-46672-18	**PIN12-2450**					
Acetone		7.6	J	10	ug/L	8260B
cis-1,2-Dichloroethene		180		10	ug/L	8260B
trans-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
1,1-Dichloroethene		7.4		1.0	ug/L	8260B
Vinyl chloride		44		1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-46672-21	**PIN99-2201**					
Acetone		2.0	J	10	ug/L	8260B
Methylene Chloride		1.4	B	1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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: 280-46672-1
Sdg Number: 13085578

Method	Analyst	Analyst ID
SW846 8260B	Thompson, Lee W	LWT
SW846 8260B SIM	Moan, Matthew R	MRM

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-46672-1
Client Matrix: Water

Date Sampled: 09/11/2013 1505
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8495.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1946			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1946				

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
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-46672-1
Client Matrix: Water

Date Sampled: 09/11/2013 1505
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8495.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1946			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1946				

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)	110		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-46672-2
Client Matrix: Water

Date Sampled: 09/11/2013 1535
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8498.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2050			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2050				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-46672-2
Client Matrix: Water

Date Sampled: 09/11/2013 1535
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8498.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2050			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2050				

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)	104		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-46672-3
Client Matrix: Water

Date Sampled: 09/12/2013 1400
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8499.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2111			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2111				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-46672-3
Client Matrix: Water

Date Sampled: 09/12/2013 1400
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8499.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2111			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2111				

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)	102		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-46672-4
Client Matrix: Water

Date Sampled: 09/12/2013 1435
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8500.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2131			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2131				

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
trans-1,2-Dichloroethene	1.8		0.15	1.0
1,1-Dichloroethene	11		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-46672-4
Client Matrix: Water

Date Sampled: 09/12/2013 1435
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8500.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2131			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2131				

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	59		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)	104		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-46672-4
Client Matrix: Water

Date Sampled: 09/12/2013 1435
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8501.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/23/2013 2152	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2152				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	210		1.5	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-46672-5
Client Matrix: Water

Date Sampled: 09/12/2013 1035
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8502.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2213			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2213				

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	5.3		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	1.4		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-46672-5
Client Matrix: Water

Date Sampled: 09/12/2013 1035
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8502.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2213			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2213				

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)	105		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-46672-6
Client Matrix: Water

Date Sampled: 09/12/2013 1110
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8503.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2234			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2234				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	13		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.2		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-46672-6
Client Matrix: Water

Date Sampled: 09/12/2013 1110
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8503.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2234			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2234				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	13		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-46672-7
Client Matrix: Water

Date Sampled: 09/12/2013 1140
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8504.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2255			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2255				

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	0.23	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-46672-7
Client Matrix: Water

Date Sampled: 09/12/2013 1140
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8504.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2255			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2255				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.20	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.67	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)	105		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-46672-8
Client Matrix: Water

Date Sampled: 09/11/2013 1125
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8505.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2316			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2316				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-46672-8
Client Matrix: Water

Date Sampled: 09/11/2013 1125
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8505.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2316			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2316				

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)	97		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-46672-9
Client Matrix: Water

Date Sampled: 09/11/2013 1335
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8506.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2337			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2337				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-46672-9
Client Matrix: Water

Date Sampled: 09/11/2013 1335
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8506.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2337			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2337				

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)	99		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-46672-10
Client Matrix: Water

Date Sampled: 09/11/2013 1415
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8507.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2358			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2358				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-46672-10
Client Matrix: Water

Date Sampled: 09/11/2013 1415
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8507.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2358			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2358				

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)	110		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-46672-11
Client Matrix: Water

Date Sampled: 09/12/2013 0840
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8508.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0019			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0019				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-46672-11
Client Matrix: Water

Date Sampled: 09/12/2013 0840
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8508.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0019			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0019				

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)	104		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-46672-12
Client Matrix: Water

Date Sampled: 09/12/2013 0915
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8509.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0040			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0040				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-46672-12
Client Matrix: Water

Date Sampled: 09/12/2013 0915
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8509.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0040			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0040				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-46672-13
Client Matrix: Water

Date Sampled: 09/12/2013 0950
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8510.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0101			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0101				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-46672-13
Client Matrix: Water

Date Sampled: 09/12/2013 0950
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8510.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0101			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0101				

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)	99		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-46672-14
Client Matrix: Water

Date Sampled: 09/11/2013 0840
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8511.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0122			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0122				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-46672-14
Client Matrix: Water

Date Sampled: 09/11/2013 0840
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8511.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0122			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0122				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-46672-15
Client Matrix: Water

Date Sampled: 09/11/2013 0940
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8512.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0143			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0143				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-46672-15
Client Matrix: Water

Date Sampled: 09/11/2013 0940
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8512.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0143			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0143				

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)	102		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-46672-16
Client Matrix: Water

Date Sampled: 09/11/2013 1030
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8513.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0204			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0204				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-46672-16
Client Matrix: Water

Date Sampled: 09/11/2013 1030
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8513.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0204			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0204				

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	0.23	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2198**

Lab Sample ID: 280-46672-17
Client Matrix: Water

Date Sampled: 09/11/2013 0800
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8514.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0225			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0225				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	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	2.1	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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2198**

Lab Sample ID: 280-46672-17
Client Matrix: Water

Date Sampled: 09/11/2013 0800
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8514.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0225			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0225				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	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)	101		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-46672-18
Client Matrix: Water

Date Sampled: 09/12/2013 1200
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8515.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0245			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	1.2		0.15	1.0
1,1-Dichloroethene	7.4		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-46672-18
Client Matrix: Water

Date Sampled: 09/12/2013 1200
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8515.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0245			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0245				

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	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)	110		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-46672-18
Client Matrix: Water

Date Sampled: 09/12/2013 1200
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5878.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/25/2013 0015			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0015				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	180		1.5	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46672-19
Client Matrix: Water

Date Sampled: 09/12/2013 1415
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5830.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0459			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 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	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46672-19
Client Matrix: Water

Date Sampled: 09/12/2013 1415
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5830.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0459			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 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)	79		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	93		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46672-20
Client Matrix: Water

Date Sampled: 09/12/2013 1453
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5831.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0522			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 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	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46672-20
Client Matrix: Water

Date Sampled: 09/12/2013 1453
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5831.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0522			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 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)	96		70 - 127
Toluene-d8 (Surr)	117		80 - 125
4-Bromofluorobenzene (Surr)	119		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2201**

Lab Sample ID: 280-46672-21
Client Matrix: Water

Date Sampled: 09/12/2013 1347
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5832.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0544			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0544				

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	1.4	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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2201**

Lab Sample ID: 280-46672-21
Client Matrix: Water

Date Sampled: 09/12/2013 1347
Date Received: 09/16/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5832.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0544			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 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)	78		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	93		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0551-1**

Lab Sample ID: 280-46672-1
Client Matrix: Water

Date Sampled: 09/11/2013 1505
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1316			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1316				

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)	91		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0551-2**

Lab Sample ID: 280-46672-2
Client Matrix: Water

Date Sampled: 09/11/2013 1535
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1259			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1259				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0572-1**

Lab Sample ID: 280-46672-3
Client Matrix: Water

Date Sampled: 09/12/2013 1400
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6720.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1427			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1427				

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)	87		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0572-2**

Lab Sample ID: 280-46672-4
Client Matrix: Water

Date Sampled: 09/12/2013 1435
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6721.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1444			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1444				

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)	93		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-1**

Lab Sample ID: 280-46672-5
Client Matrix: Water

Date Sampled: 09/12/2013 1035
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6744.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/23/2013 0928			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0928				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	33		0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-2**

Lab Sample ID: 280-46672-6
Client Matrix: Water

Date Sampled: 09/12/2013 1110
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6747.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/23/2013 1021			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1021				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	35		0.88	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0576-3**

Lab Sample ID: 280-46672-7
Client Matrix: Water

Date Sampled: 09/12/2013 1140
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6724.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1537			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1537				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-1**

Lab Sample ID: 280-46672-8
Client Matrix: Water

Date Sampled: 09/11/2013 1125
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6725.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1554			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 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)	90		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-2**

Lab Sample ID: 280-46672-9
Client Matrix: Water

Date Sampled: 09/11/2013 1335
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6726.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1612			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 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)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0577-3**

Lab Sample ID: 280-46672-10
Client Matrix: Water

Date Sampled: 09/11/2013 1415
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6748.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1038			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1038				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-1**

Lab Sample ID: 280-46672-11
Client Matrix: Water

Date Sampled: 09/12/2013 0840
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6749.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1056			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1056				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-2**

Lab Sample ID: 280-46672-12
Client Matrix: Water

Date Sampled: 09/12/2013 0915
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6750.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1114			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1114				

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)	79		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0578-3**

Lab Sample ID: 280-46672-13
Client Matrix: Water

Date Sampled: 09/12/2013 0950
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6751.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1131			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1131				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-1**

Lab Sample ID: 280-46672-14
Client Matrix: Water

Date Sampled: 09/11/2013 0840
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6752.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1149			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1149				

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)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-2**

Lab Sample ID: 280-46672-15
Client Matrix: Water

Date Sampled: 09/11/2013 0940
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6753.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1206			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1206				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0579-3**

Lab Sample ID: 280-46672-16
Client Matrix: Water

Date Sampled: 09/11/2013 1030
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6754.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1224			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1224				

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)	82		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2450**

Lab Sample ID: 280-46672-18
Client Matrix: Water

Date Sampled: 09/12/2013 1200
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6755.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1241			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1241				

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)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46672-19
Client Matrix: Water

Date Sampled: 09/12/2013 1415
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6756.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1259			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1259				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46672-20
Client Matrix: Water

Date Sampled: 09/12/2013 1453
Date Received: 09/16/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6757.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1316			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1316				

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)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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
280-46672-1	PIN12-0551-1	112	110	104	104
280-46672-2	PIN12-0551-2	108	107	101	104
280-46672-3	PIN12-0572-1	110	108	102	107
280-46672-4	PIN12-0572-2	112	109	106	104
280-46672-4 DL	PIN12-0572-2 DL	105	101	98	100
280-46672-5	PIN12-0576-1	107	105	98	100
280-46672-6	PIN12-0576-2	108	107	96	102
280-46672-7	PIN12-0576-3	106	105	96	98
280-46672-8	PIN12-0577-1	110	109	97	101
280-46672-9	PIN12-0577-2	113	112	99	103
280-46672-10	PIN12-0577-3	112	110	97	103
280-46672-11	PIN12-0578-1	117	116	104	105
280-46672-12	PIN12-0578-2	111	113	101	101
280-46672-13	PIN12-0578-3	111	112	99	106
280-46672-14	PIN12-0579-1	113	113	101	102
280-46672-15	PIN12-0579-2	114	112	102	105
280-46672-16	PIN12-0579-3	114	114	102	105
280-46672-17	PIN99-2198	111	108	101	102
280-46672-18	PIN12-2450	112	110	102	103
280-46672-18	PIN12-2450	96	82	97	103
280-46672-19	PIN12-0555A	93	79	92	99
280-46672-20	PIN12-0555B	113	96	117	119
280-46672-21	PIN99-2201	93	78	93	96
MB 280-192728/5		116	112	106	108
MB 280-192750/5		112	97	109	115
MB 280-192953/5		92	78	89	94
LCS 280-192728/4		106	104	99	94
LCS 280-192750/4		94	81	93	79
LCS 280-192953/4		100	84	97	107

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

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
280-46672-1 MS	PIN12-0551-1 MS	109	105	101	94
280-46737-D-1 MS		106	89	103	102
280-46737-D-11 MS		96	83	91	98
280-46672-1 MSD	PIN12-0551-1 MSD	103	98	99	96
280-46737-D-1 MSD		93	80	95	97
280-46737-D-11 MSD		112	96	109	118

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-46672-1	PIN12-0551-1	91
280-46672-2	PIN12-0551-2	86
280-46672-3	PIN12-0572-1	87
280-46672-4	PIN12-0572-2	93
280-46672-5	PIN12-0576-1	83
280-46672-6	PIN12-0576-2	82
280-46672-7	PIN12-0576-3	88
280-46672-8	PIN12-0577-1	90
280-46672-9	PIN12-0577-2	86
280-46672-10	PIN12-0577-3	96
280-46672-11	PIN12-0578-1	85
280-46672-12	PIN12-0578-2	79
280-46672-13	PIN12-0578-3	85
280-46672-14	PIN12-0579-1	83
280-46672-15	PIN12-0579-2	85
280-46672-16	PIN12-0579-3	82
280-46672-18	PIN12-2450	86
280-46672-19	PIN12-0555A	86
280-46672-20	PIN12-0555B	84
MB 280-192575/5		96
MB 280-192611/5		85
LCS 280-192575/3		93
LCS 280-192611/3		83
LCSD 280-192575/4		100
LCSD 280-192611/4		84
280-46672-2 MS	PIN12-0551-2 MS	93
280-46672-5 MS	PIN12-0576-1 MS	88
280-46672-2 MSD	PIN12-0551-2 MSD	92
280-46672-5 MSD	PIN12-0576-1 MSD	82

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Method Blank - Batch: 280-192728

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192728/5	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8492.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1843	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1843				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	1.31		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Method Blank - Batch: 280-192728

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192728/5	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8492.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1843	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1843				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	70 - 127
Toluene-d8 (Surr)	106	80 - 125
4-Bromofluorobenzene (Surr)	108	78 - 120
Dibromofluoromethane (Surr)	116	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-192728

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-192728/4	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8491.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1822	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1822				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.88	98	74 - 135	
Bromodichloromethane	5.00	4.83	97	73 - 135	
Carbon tetrachloride	5.00	5.35	107	67 - 135	
Chlorobenzene	5.00	4.84	97	76 - 135	
Chloroform	5.00	5.09	102	76 - 120	
1,3-Dichlorobenzene	5.00	4.87	97	74 - 135	
1,1-Dichloroethane	5.00	5.15	103	75 - 135	
trans-1,2-Dichloroethene	5.00	5.05	101	75 - 135	
1,1-Dichloroethene	5.00	4.65	93	71 - 136	
1,2-Dichloropropane	5.00	4.98	100	71 - 120	
Ethylbenzene	5.00	4.90	98	72 - 120	
Methylene Chloride	5.00	6.42	128	54 - 141	
Tetrachloroethene	5.00	5.03	101	70 - 135	
Toluene	5.00	5.20	104	73 - 120	
1,1,1-Trichloroethane	5.00	5.22	104	70 - 135	
Trichloroethene	5.00	5.04	101	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	70 - 127
Toluene-d8 (Surr)	99	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192728

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46672-1	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8496.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2007			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2007				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46672-1	Analysis Batch:	280-192728	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8497.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2029			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2029				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	102	97	74 - 135	5	20		
Bromodichloromethane	102	94	73 - 135	7	20		
Carbon tetrachloride	117	109	67 - 135	7	21		
Chlorobenzene	101	98	76 - 135	4	20		
Chloroform	107	101	76 - 120	6	20		
1,3-Dichlorobenzene	100	98	74 - 135	2	20		
1,1-Dichloroethane	111	104	75 - 135	6	21		
trans-1,2-Dichloroethene	107	101	75 - 135	5	24		
1,1-Dichloroethene	103	98	71 - 136	6	20		
1,2-Dichloropropane	105	99	71 - 120	6	20		
Ethylbenzene	101	99	72 - 120	3	26		
Methylene Chloride	105	100	54 - 141	5	20		
Tetrachloroethene	106	103	70 - 135	3	20		
Toluene	108	102	73 - 120	6	20		
1,1,1-Trichloroethane	113	107	70 - 135	5	20		
Trichloroethene	104	100	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	98	70 - 127
Toluene-d8 (Surr)	101	99	80 - 125
4-Bromofluorobenzene (Surr)	94	96	78 - 120
Dibromofluoromethane (Surr)	109	103	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192728

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46672-1	Units:	ug/L	MSD Lab Sample ID:	280-46672-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2013 2007			Analysis Date:	09/23/2013 2029
Prep Date:	09/23/2013 2007			Prep Date:	09/23/2013 2029
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.10	4.87
Bromodichloromethane	0.17	U	5.00	5.00	5.08	4.72
Carbon tetrachloride	0.19	U	5.00	5.00	5.83	5.45
Chlorobenzene	0.17	U	5.00	5.00	5.06	4.88
Chloroform	0.16	U	5.00	5.00	5.36	5.05
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.01	4.89
1,1-Dichloroethane	0.22	U	5.00	5.00	5.54	5.22
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.34	5.06
1,1-Dichloroethene	0.23	U	5.00	5.00	5.16	4.89
1,2-Dichloropropane	0.18	U	5.00	5.00	5.24	4.95
Ethylbenzene	0.16	U	5.00	5.00	5.07	4.93
Methylene Chloride	0.32	U	5.00	5.00	5.23	5.00
Tetrachloroethene	0.20	U	5.00	5.00	5.32	5.14
Toluene	0.17	U	5.00	5.00	5.38	5.08
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.63	5.35
Trichloroethene	0.16	U	5.00	5.00	5.21	4.99

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Method Blank - Batch: 280-192750

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192750/5	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5814.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2258	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2258				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	1.08		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Method Blank - Batch: 280-192750

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192750/5	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5814.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2258	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2258				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 127
Toluene-d8 (Surr)	109	80 - 125
4-Bromofluorobenzene (Surr)	115	78 - 120
Dibromofluoromethane (Surr)	112	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-192750

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-192750/4	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5815.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2321	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2321				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.62	92	74 - 135	
Bromodichloromethane	5.00	3.97	79	73 - 135	
Carbon tetrachloride	5.00	4.25	85	67 - 135	
Chlorobenzene	5.00	4.43	89	76 - 135	
Chloroform	5.00	4.31	86	76 - 120	
1,3-Dichlorobenzene	5.00	4.48	90	74 - 135	
1,1-Dichloroethane	5.00	4.48	90	75 - 135	
trans-1,2-Dichloroethene	5.00	4.71	94	75 - 135	
1,1-Dichloroethene	5.00	4.31	86	71 - 136	
1,2-Dichloropropane	5.00	4.49	90	71 - 120	
Ethylbenzene	5.00	4.54	91	72 - 120	
Methylene Chloride	5.00	5.28	106	54 - 141	
Tetrachloroethene	5.00	4.70	94	70 - 135	
Toluene	5.00	4.49	90	73 - 120	
1,1,1-Trichloroethane	5.00	4.50	90	70 - 135	
Trichloroethene	5.00	4.55	91	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	79	78 - 120
Dibromofluoromethane (Surr)	94	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192750

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46737-D-1 MS	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5819.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0053			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0053				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46737-D-1 MSD	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5820.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0115			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0115				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	106	94	74 - 135	12	20		
Bromodichloromethane	87	80	73 - 135	9	20		
Carbon tetrachloride	90	79	67 - 135	13	21		
Chlorobenzene	99	89	76 - 135	10	20		
Chloroform	98	84	76 - 120	16	20		
1,3-Dichlorobenzene	98	88	74 - 135	10	20		
1,1-Dichloroethane	105	92	75 - 135	14	21		
trans-1,2-Dichloroethene	108	97	75 - 135	11	24		
1,1-Dichloroethene	109	91	71 - 136	19	20		
1,2-Dichloropropane	105	90	71 - 120	16	20		
Ethylbenzene	103	93	72 - 120	10	26		
Methylene Chloride	103	87	54 - 141	17	20		
Tetrachloroethene	99	91	70 - 135	8	20		
Toluene	100	90	73 - 120	10	20		
1,1,1-Trichloroethane	95	82	70 - 135	14	20		
Trichloroethene	99	87	73 - 135	13	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	80	70 - 127
Toluene-d8 (Surr)	103	95	80 - 125
4-Bromofluorobenzene (Surr)	102	97	78 - 120
Dibromofluoromethane (Surr)	106	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192750

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46737-D-1 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/24/2013 0053		
Prep Date:	09/24/2013 0053		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46737-D-1 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/24/2013 0115
Prep Date:	09/24/2013 0115
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.31	4.70
Bromodichloromethane	0.17	U	5.00	5.00	4.37	3.98
Carbon tetrachloride	0.19	U	5.00	5.00	4.50	3.97
Chlorobenzene	0.17	U	5.00	5.00	4.94	4.46
Chloroform	0.16	U	5.00	5.00	4.92	4.20
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.89	4.42
1,1-Dichloroethane	0.22	U	5.00	5.00	5.27	4.58
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.40	4.84
1,1-Dichloroethene	0.23	U	5.00	5.00	5.46	4.54
1,2-Dichloropropane	0.18	U	5.00	5.00	5.27	4.50
Ethylbenzene	0.16	U	5.00	5.00	5.16	4.65
Methylene Chloride	0.32	U	5.00	5.00	5.15	4.36
Tetrachloroethene	0.20	U	5.00	5.00	4.94	4.55
Toluene	0.17	U	5.00	5.00	5.01	4.51
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.73	4.10
Trichloroethene	0.16	U	5.00	5.00	4.94	4.35

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Method Blank - Batch: 280-192953

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192953/5	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5877.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2352	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2352				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Method Blank - Batch: 280-192953

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192953/5	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5877.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2352	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2352				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78	70 - 127
Toluene-d8 (Surr)	89	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	92	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-192953

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-192953/4	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5876.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2329	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2329				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.44	89	74 - 135	
Bromodichloromethane	5.00	4.00	80	73 - 135	
Carbon tetrachloride	5.00	4.02	80	67 - 135	
Chlorobenzene	5.00	4.43	89	76 - 135	
Chloroform	5.00	4.22	84	76 - 120	
1,3-Dichlorobenzene	5.00	4.71	94	74 - 135	
1,1-Dichloroethane	5.00	4.54	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.54	91	75 - 135	
1,1-Dichloroethene	5.00	4.29	86	71 - 136	
1,2-Dichloropropane	5.00	4.55	91	71 - 120	
Ethylbenzene	5.00	4.60	92	72 - 120	
Methylene Chloride	5.00	4.54	91	54 - 141	
Tetrachloroethene	5.00	4.73	95	70 - 135	
Toluene	5.00	4.40	88	73 - 120	
1,1,1-Trichloroethane	5.00	4.08	82	70 - 135	
Trichloroethene	5.00	4.45	89	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	107	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192953

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46737-D-11 MS	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0101			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0101				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46737-D-11 MSD	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5881.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0124			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0124				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	85	101	74 - 135	18	20		
Bromodichloromethane	76	87	73 - 135	14	20		
Carbon tetrachloride	75	89	67 - 135	17	21		
Chlorobenzene	82	101	76 - 135	21	20		F
Chloroform	78	95	76 - 120	19	20		
1,3-Dichlorobenzene	83	102	74 - 135	21	20		F
1,1-Dichloroethane	87	104	75 - 135	18	21		
trans-1,2-Dichloroethene	87	109	75 - 135	23	24		
1,1-Dichloroethene	85	103	71 - 136	19	20		
1,2-Dichloropropane	84	104	71 - 120	21	20		F
Ethylbenzene	85	103	72 - 120	19	26		
Methylene Chloride	78	97	54 - 141	22	20		F
Tetrachloroethene	85	101	70 - 135	18	20		
Toluene	83	99	73 - 120	17	20		
1,1,1-Trichloroethane	77	93	70 - 135	19	20		
Trichloroethene	80	95	73 - 135	17	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	96	70 - 127
Toluene-d8 (Surr)	91	109	80 - 125
4-Bromofluorobenzene (Surr)	98	118	78 - 120
Dibromofluoromethane (Surr)	96	112	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192953

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46737-D-11 MS	Units:	ug/L
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/25/2013 0101		
Prep Date:	09/25/2013 0101		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46737-D-11 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/25/2013 0124
Prep Date:	09/25/2013 0124
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	4.23	5.07	
Bromodichloromethane	0.17	U	5.00	5.00	3.79	4.36	
Carbon tetrachloride	0.19	U	5.00	5.00	3.77	4.47	
Chlorobenzene	0.17	U	5.00	5.00	4.11	5.06	F
Chloroform	0.16	U	5.00	5.00	3.92	4.76	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.13	5.08	F
1,1-Dichloroethane	0.22	U	5.00	5.00	4.35	5.21	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.33	5.44	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.25	5.16	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.22	5.21	F
Ethylbenzene	0.16	U	5.00	5.00	4.26	5.16	
Methylene Chloride	0.32	U	5.00	5.00	3.89	4.86	F
Tetrachloroethene	0.20	U	5.00	5.00	4.24	5.06	
Toluene	0.17	U	5.00	5.00	4.17	4.95	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	3.86	4.65	
Trichloroethene	0.16	U	5.00	5.00	4.01	4.75	

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Method Blank - Batch: 280-192575

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192575/5	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6714.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1241	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1241				
Leach Date:	N/A				

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

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

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192575

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192575/3	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6711.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1149	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1149				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192575/4	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6712.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1206	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1206				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	83	86	25 - 141	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	100	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192575

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192575/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192575/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/22/2013 1149			Analysis Date:	09/22/2013 1206
Prep Date:	09/22/2013 1149			Prep Date:	09/22/2013 1206
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.14	4.28

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192575

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46672-2	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6717.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1334			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1334				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46672-2	Analysis Batch:	280-192575	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6718.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/22/2013 1351			Final Weight/Volume:	20 mL
Prep Date:	09/22/2013 1351				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	95	98	25 - 141	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	92	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192575

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46672-2	Units:	ug/L	MSD Lab Sample ID:	280-46672-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/22/2013 1334			Analysis Date:	09/22/2013 1351
Prep Date:	09/22/2013 1334			Prep Date:	09/22/2013 1351
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	4.73	4.90

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Method Blank - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192611/5	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6743.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 0911	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0911				
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)	85	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192611/3	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6740.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 0818	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0818				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192611/4	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6741.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 0836	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0836				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	86	94	25 - 141	9	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192611/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192611/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2013 0818			Analysis Date:	09/23/2013 0836
Prep Date:	09/23/2013 0818			Prep Date:	09/23/2013 0836
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.31	4.72

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46672-5	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6745.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/23/2013 0946			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0946				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46672-5	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6746.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/23/2013 1003			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1003				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	90	94	25 - 141	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	82	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46672-5	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/23/2013 0946		
Prep Date:	09/23/2013 0946		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46672-5
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/23/2013 1003
Prep Date:	09/23/2013 1003
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	33	20.0	20.0	50.8	51.5

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-192575					
LCS 280-192575/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192575/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192575/5	Method Blank	T	Water	8260B SIM	
280-46672-1	PIN12-0551-1	T	Water	8260B SIM	
280-46672-2	PIN12-0551-2	T	Water	8260B SIM	
280-46672-2MS	Matrix Spike	T	Water	8260B SIM	
280-46672-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-46672-3	PIN12-0572-1	T	Water	8260B SIM	
280-46672-4	PIN12-0572-2	T	Water	8260B SIM	
280-46672-7	PIN12-0576-3	T	Water	8260B SIM	
280-46672-8	PIN12-0577-1	T	Water	8260B SIM	
280-46672-9	PIN12-0577-2	T	Water	8260B SIM	
Analysis Batch:280-192611					
LCS 280-192611/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192611/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192611/5	Method Blank	T	Water	8260B SIM	
280-46672-5	PIN12-0576-1	T	Water	8260B SIM	
280-46672-5MS	Matrix Spike	T	Water	8260B SIM	
280-46672-5MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-46672-6	PIN12-0576-2	T	Water	8260B SIM	
280-46672-10	PIN12-0577-3	T	Water	8260B SIM	
280-46672-11	PIN12-0578-1	T	Water	8260B SIM	
280-46672-12	PIN12-0578-2	T	Water	8260B SIM	
280-46672-13	PIN12-0578-3	T	Water	8260B SIM	
280-46672-14	PIN12-0579-1	T	Water	8260B SIM	
280-46672-15	PIN12-0579-2	T	Water	8260B SIM	
280-46672-16	PIN12-0579-3	T	Water	8260B SIM	
280-46672-18	PIN12-2450	T	Water	8260B SIM	
280-46672-19	PIN12-0555A	T	Water	8260B SIM	
280-46672-20	PIN12-0555B	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-46672-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-192728					
LCS 280-192728/4	Lab Control Sample	T	Water	8260B	
MB 280-192728/5	Method Blank	T	Water	8260B	
280-46672-1	PIN12-0551-1	T	Water	8260B	
280-46672-1MS	Matrix Spike	T	Water	8260B	
280-46672-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-46672-2	PIN12-0551-2	T	Water	8260B	
280-46672-3	PIN12-0572-1	T	Water	8260B	
280-46672-4	PIN12-0572-2	T	Water	8260B	
280-46672-4DL	PIN12-0572-2	T	Water	8260B	
280-46672-5	PIN12-0576-1	T	Water	8260B	
280-46672-6	PIN12-0576-2	T	Water	8260B	
280-46672-7	PIN12-0576-3	T	Water	8260B	
280-46672-8	PIN12-0577-1	T	Water	8260B	
280-46672-9	PIN12-0577-2	T	Water	8260B	
280-46672-10	PIN12-0577-3	T	Water	8260B	
280-46672-11	PIN12-0578-1	T	Water	8260B	
280-46672-12	PIN12-0578-2	T	Water	8260B	
280-46672-13	PIN12-0578-3	T	Water	8260B	
280-46672-14	PIN12-0579-1	T	Water	8260B	
280-46672-15	PIN12-0579-2	T	Water	8260B	
280-46672-16	PIN12-0579-3	T	Water	8260B	
280-46672-17	PIN99-2198	T	Water	8260B	
280-46672-18	PIN12-2450	T	Water	8260B	
Analysis Batch:280-192750					
LCS 280-192750/4	Lab Control Sample	T	Water	8260B	
MB 280-192750/5	Method Blank	T	Water	8260B	
280-46672-19	PIN12-0555A	T	Water	8260B	
280-46672-20	PIN12-0555B	T	Water	8260B	
280-46672-21	PIN99-2201	T	Water	8260B	
280-46737-D-1 MS	Matrix Spike	T	Water	8260B	
280-46737-D-1 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-192953					
LCS 280-192953/4	Lab Control Sample	T	Water	8260B	
MB 280-192953/5	Method Blank	T	Water	8260B	
280-46672-18	PIN12-2450	T	Water	8260B	
280-46737-D-11 MS	Matrix Spike	T	Water	8260B	
280-46737-D-11 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

ANALYTICAL REPORT

Job Number: 280-46737-1

SDG Number: 13085578

Job Description: PINELLAS MONITORING

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

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
9/30/2013 7:02 PM

Kae E Yoder, Project Manager II
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0190
kae.yoder@testamericainc.com
09/30/2013

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

The Lab Certification ID# is E87667.

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

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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13085578

Report Number: 280-46737-1

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 9/17/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.7º 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 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 PIN12-0570-1 (LJU 891). As no detectable concentrations are present at levels greater than the reporting limits in the sample, corrective action is deemed unnecessary.

Surrogate 4-Bromofluorobenzene was recovered outside the control limits, biased high, in the 2mL initial volume analysis of sample PIN12-S33C (LJU 940). As surrogate 4-Bromofluorobenzene is not associated with the compounds reported from this run, corrective action is deemed unnecessary.

Methylene Chloride, a common laboratory contaminant, was detected in the method blank associated with batch 280-192750 at a level exceeding the reporting limit. Because this common laboratory contaminant is present in the method blank at a level that is 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.

The MS/MSD performed on sample PIN12-0569-2 (LUU 867) in batch 280-192953 exhibited RPD data outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The MS/MSD associated with batch 280-193022 exhibited RPD data and a surrogate recovery outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

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

Due to the presence of interfering, non-target compounds, a reduced aliquot size had to be used for the analysis of sample PIN12-0585-3 (LJU 883). The reporting limit has been elevated accordingly.

Due to high constituent concentration, a reduced aliquot size had to be used for the analysis of samples PIN12-S67B (LJU 900) and PIN12-S67C (LJU 901). The reporting limits have been elevated accordingly.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-46737-1	PIN12-0561-1	Water	09/14/2013 0815	09/17/2013 0900
280-46737-1MS	PIN12-0561-1	Water	09/14/2013 0815	09/17/2013 0900
280-46737-1MSD	PIN12-0561-1	Water	09/14/2013 0815	09/17/2013 0900
280-46737-2	PIN12-0561-2	Water	09/14/2013 0840	09/17/2013 0900
280-46737-2MS	PIN12-0561-2	Water	09/14/2013 0840	09/17/2013 0900
280-46737-2MSD	PIN12-0561-2	Water	09/14/2013 0840	09/17/2013 0900
280-46737-3	PIN12-0561-3	Water	09/14/2013 0925	09/17/2013 0900
280-46737-4	PIN12-0565-1	Water	09/16/2013 1400	09/17/2013 0900
280-46737-5	PIN12-0565-2	Water	09/16/2013 1425	09/17/2013 0900
280-46737-6	PIN12-0565-3	Water	09/16/2013 1500	09/17/2013 0900
280-46737-7	PIN12-0568-1	Water	09/13/2013 0840	09/17/2013 0900
280-46737-8	PIN12-0568-2	Water	09/13/2013 0915	09/17/2013 0900
280-46737-9	PIN12-0568-3	Water	09/13/2013 0945	09/17/2013 0900
280-46737-10	PIN12-0569-1	Water	09/13/2013 1015	09/17/2013 0900
280-46737-11	PIN12-0569-2	Water	09/13/2013 1035	09/17/2013 0900
280-46737-12	PIN12-0569-3	Water	09/13/2013 1115	09/17/2013 0900
280-46737-13	PIN12-0570-1	Water	09/13/2013 1305	09/17/2013 0900
280-46737-14	PIN12-0570-2	Water	09/13/2013 1340	09/17/2013 0900
280-46737-15	PIN12-0570-3	Water	09/13/2013 1410	09/17/2013 0900
280-46737-16	PIN12-0573-1	Water	09/16/2013 0915	09/17/2013 0900
280-46737-17	PIN12-0573-2	Water	09/16/2013 0945	09/17/2013 0900
280-46737-18	PIN12-0573-3	Water	09/16/2013 1015	09/17/2013 0900
280-46737-19	PIN12-0575-1	Water	09/16/2013 1055	09/17/2013 0900
280-46737-20	PIN12-0575-2	Water	09/16/2013 1125	09/17/2013 0900
280-46737-21	PIN12-0584-1	Water	09/14/2013 1005	09/17/2013 0900
280-46737-22	PIN12-0584-2	Water	09/14/2013 1030	09/17/2013 0900
280-46737-23	PIN12-0584-3	Water	09/14/2013 1110	09/17/2013 0900
280-46737-24	PIN12-0585-3	Water	09/14/2013 1155	09/17/2013 0900
280-46737-25	PIN99-2200	Water	09/13/2013 0800	09/17/2013 0900
280-46737-26	PIN12-S30B	Water	09/13/2013 1006	09/17/2013 0900
280-46737-27	PIN12-S33C	Water	09/13/2013 0918	09/17/2013 0900
280-46737-28	PIN12-S35B	Water	09/13/2013 1048	09/17/2013 0900
280-46737-29	PIN12-S67B	Water	09/13/2013 1150	09/17/2013 0900
280-46737-30	PIN12-S67C	Water	09/13/2013 1218	09/17/2013 0900
280-46737-31	PIN12-S67D	Water	09/13/2013 1252	09/17/2013 0900
280-46737-32	PIN99-2199	Water	09/13/2013 0800	09/17/2013 0900

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46737-1	**PIN12-0561-1**					
Carbon disulfide		0.67	J	1.0	ug/L	8260B
Chloromethane		0.40	J	1.0	ug/L	8260B
Styrene		0.34	J	1.0	ug/L	8260B
Xylenes, Total		0.29	J	1.0	ug/L	8260B
280-46737-2	**PIN12-0561-2**					
Acetone		9.6	J	10	ug/L	8260B
Styrene		0.17	J	1.0	ug/L	8260B
280-46737-3	**PIN12-0561-3**					
Acetone		10		10	ug/L	8260B
280-46737-4	**PIN12-0565-1**					
Acetone		4.2	J	10	ug/L	8260B
280-46737-5	**PIN12-0565-2**					
Acetone		7.8	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B
Vinyl chloride		0.20	J	1.0	ug/L	8260B
280-46737-6	**PIN12-0565-3**					
Acetone		6.6	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.40	J	1.0	ug/L	8260B
280-46737-7	**PIN12-0568-1**					
Acetone		3.3	J	10	ug/L	8260B
280-46737-8	**PIN12-0568-2**					
Acetone		2.6	J	10	ug/L	8260B
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM
280-46737-9	**PIN12-0568-3**					
Acetone		4.5	J	10	ug/L	8260B
280-46737-10	**PIN12-0569-1**					
Acetone		4.8	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46737-11	**PIN12-0569-2**					
Acetone		23		10	ug/L	8260B
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
Vinyl chloride		5.9		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-46737-12	**PIN12-0569-3**					
Acetone		8.1	J	10	ug/L	8260B
1,1-Dichloroethane		0.32	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		39		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.4		1.0	ug/L	8260B
Vinyl chloride		35		1.0	ug/L	8260B
280-46737-13	**PIN12-0570-1**					
Acetone		6.2	J	10	ug/L	8260B
280-46737-14	**PIN12-0570-2**					
Vinyl chloride		0.56	J	1.0	ug/L	8260B
1,4-Dioxane		1.0		1.0	ug/L	8260B SIM
280-46737-15	**PIN12-0570-3**					
Acetone		8.1	J	10	ug/L	8260B
Vinyl chloride		3.7		1.0	ug/L	8260B
1,4-Dioxane		1.7		1.0	ug/L	8260B SIM
280-46737-16	**PIN12-0573-1**					
Acetone		6.3	J	10	ug/L	8260B
280-46737-17	**PIN12-0573-2**					
Acetone		9.8	J	10	ug/L	8260B
280-46737-18	**PIN12-0573-3**					
Acetone		6.1	J	10	ug/L	8260B
280-46737-19	**PIN12-0575-1**					
Acetone		8.0	J	10	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46737-20	**PIN12-0575-2**					
Acetone		7.5	J	10	ug/L	8260B
Vinyl chloride		0.89	J	1.0	ug/L	8260B
280-46737-21	**PIN12-0584-1**					
Acetone		4.4	J	10	ug/L	8260B
280-46737-22	**PIN12-0584-2**					
Acetone		7.6	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
Vinyl chloride		2.7		1.0	ug/L	8260B
280-46737-23	**PIN12-0584-3**					
Acetone		6.4	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.27	J	1.0	ug/L	8260B
Vinyl chloride		3.3		1.0	ug/L	8260B
280-46737-24	**PIN12-0585-3**					
Acetone		12	J	40	ug/L	8260B
cis-1,2-Dichloroethene		230		4.0	ug/L	8260B
trans-1,2-Dichloroethene		5.6		4.0	ug/L	8260B
1,1-Dichloroethene		11		4.0	ug/L	8260B
Trichloroethene		24		4.0	ug/L	8260B
Vinyl chloride		900		40	ug/L	8260B
1,4-Dioxane		1.3	J	2.0	ug/L	8260B SIM
280-46737-25	**PIN99-2200**					
Acetone		7.0	J	10	ug/L	8260B
Methylene Chloride		1.6		1.0	ug/L	8260B
280-46737-26	**PIN12-S30B**					
Acetone		6.1	J	10	ug/L	8260B
cis-1,2-Dichloroethene		15		1.0	ug/L	8260B
trans-1,2-Dichloroethene		1.6		1.0	ug/L	8260B
Trichloroethene		6.7		1.0	ug/L	8260B
Vinyl chloride		5.2		1.0	ug/L	8260B
1,4-Dioxane		0.82	J	1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Sample ID	Client Sample ID					
Analyte		Result	Qualifier	Reporting Limit	Units	Method
280-46737-27	**PIN12-S33C**					
Acetone		15		10	ug/L	8260B
cis-1,2-Dichloroethene		260		10	ug/L	8260B
trans-1,2-Dichloroethene		4.8		1.0	ug/L	8260B
1,1-Dichloroethene		7.2		1.0	ug/L	8260B
Trichloroethene		19		1.0	ug/L	8260B
Vinyl chloride		340		10	ug/L	8260B
280-46737-28	**PIN12-S35B**					
Acetone		1300	J	2000	ug/L	8260B
cis-1,2-Dichloroethene		63000		2000	ug/L	8260B
trans-1,2-Dichloroethene		7000		200	ug/L	8260B
1,1-Dichloroethene		1100		200	ug/L	8260B
Trichloroethene		7000		200	ug/L	8260B
Vinyl chloride		19000		2000	ug/L	8260B
1,4-Dioxane		3.5		1.0	ug/L	8260B SIM
280-46737-29	**PIN12-S67B**					
Acetone		4.7	J	10	ug/L	8260B
1,1-Dichloroethane		28		1.0	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.3		1.0	ug/L	8260B
Vinyl chloride		230		10	ug/L	8260B
1,4-Dioxane		89		10	ug/L	8260B SIM
280-46737-30	**PIN12-S67C**					
Acetone		2.7	J	10	ug/L	8260B
1,1-Dichloroethane		9.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		43		1.0	ug/L	8260B
trans-1,2-Dichloroethene		8.3		1.0	ug/L	8260B
1,1-Dichloroethene		0.52	J	1.0	ug/L	8260B
Vinyl chloride		110		5.0	ug/L	8260B
1,4-Dioxane		45		10	ug/L	8260B SIM
280-46737-31	**PIN12-S67D**					
Acetone		8.1	J	10	ug/L	8260B
1,1-Dichloroethane		0.82	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.0		1.0	ug/L	8260B
trans-1,2-Dichloroethene		1.9		1.0	ug/L	8260B
Vinyl chloride		9.1		1.0	ug/L	8260B
1,4-Dioxane		1.3		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46737-32	**PIN99-2199**					
Acetone		5.6	J	10	ug/L	8260B
Methylene Chloride		1.5		1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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: 280-46737-1
Sdg Number: 13085578

Method	Analyst	Analyst ID
SW846 8260B	Thompson, Lee W	LWT
SW846 8260B SIM	Moan, Matthew R	MRM
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-46737-1
Client Matrix: Water

Date Sampled: 09/14/2013 0815
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5818.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0030			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0030				

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	0.67	J	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.40	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	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-46737-1
Client Matrix: Water

Date Sampled: 09/14/2013 0815
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5818.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0030			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0030				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.34	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	0.10	U	0.10	1.0
Xylenes, Total	0.29	J	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-46737-2
Client Matrix: Water

Date Sampled: 09/14/2013 0840
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5821.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0138			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0138				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-46737-2
Client Matrix: Water

Date Sampled: 09/14/2013 0840
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5821.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0138			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0138				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	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	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)	104		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-46737-3
Client Matrix: Water

Date Sampled: 09/14/2013 0925
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5822.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0200			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0200				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-46737-3
Client Matrix: Water

Date Sampled: 09/14/2013 0925
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5822.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0200			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0200				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-4
Client Matrix: Water

Date Sampled: 09/16/2013 1400
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5823.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0223			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0223				

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	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-4
Client Matrix: Water

Date Sampled: 09/16/2013 1400
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5823.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0223			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 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)	79		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-5
Client Matrix: Water

Date Sampled: 09/16/2013 1425
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5824.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0245			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.8	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	0.37	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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-5
Client Matrix: Water

Date Sampled: 09/16/2013 1425
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5824.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0245			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0245				

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	0.20	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)	80		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-6
Client Matrix: Water

Date Sampled: 09/16/2013 1500
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5825.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0308			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0308				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.6	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.40	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-6
Client Matrix: Water

Date Sampled: 09/16/2013 1500
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5825.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0308			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0308				

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)	89		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-46737-7
Client Matrix: Water

Date Sampled: 09/13/2013 0840
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5826.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0330			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0330				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-46737-7
Client Matrix: Water

Date Sampled: 09/13/2013 0840
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5826.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0330			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0330				

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)	89		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-46737-8
Client Matrix: Water

Date Sampled: 09/13/2013 0915
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5827.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0352			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0352				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-46737-8
Client Matrix: Water

Date Sampled: 09/13/2013 0915
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5827.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0352			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0352				

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)	109		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-46737-9
Client Matrix: Water

Date Sampled: 09/13/2013 0945
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5828.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0415			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0415				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.5	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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-46737-9
Client Matrix: Water

Date Sampled: 09/13/2013 0945
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5828.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0415			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0415				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-46737-10
Client Matrix: Water

Date Sampled: 09/13/2013 1015
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5829.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0437			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0437				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-46737-10
Client Matrix: Water

Date Sampled: 09/13/2013 1015
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5829.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0437			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 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	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)	83		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-46737-11
Client Matrix: Water

Date Sampled: 09/13/2013 1035
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5879.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0038			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0038				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	23		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-46737-11
Client Matrix: Water

Date Sampled: 09/13/2013 1035
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5879.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0038			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0038				

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	5.9		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)	94		70 - 127
Toluene-d8 (Surr)	109		80 - 125
4-Bromofluorobenzene (Surr)	116		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-46737-12
Client Matrix: Water

Date Sampled: 09/13/2013 1115
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5892.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0533			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0533				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.1	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	0.32	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	39		0.15	1.0
trans-1,2-Dichloroethene	0.54	J	0.15	1.0
1,1-Dichloroethene	1.4		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-46737-12
Client Matrix: Water

Date Sampled: 09/13/2013 1115
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5892.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0533			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0533				

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	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)	84		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-46737-13
Client Matrix: Water

Date Sampled: 09/13/2013 1305
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5893.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0556			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0556				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-46737-13
Client Matrix: Water

Date Sampled: 09/13/2013 1305
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5893.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0556			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0556				

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)	117		80 - 125
4-Bromofluorobenzene (Surr)	125	X	78 - 120
Dibromofluoromethane (Surr)	119		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-46737-14
Client Matrix: Water

Date Sampled: 09/13/2013 1340
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5894.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0618			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0618				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-46737-14
Client Matrix: Water

Date Sampled: 09/13/2013 1340
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5894.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0618			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0618				

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	0.56	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)	78		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-46737-15
Client Matrix: Water

Date Sampled: 09/13/2013 1410
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5895.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0641			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0641				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.1	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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-46737-15
Client Matrix: Water

Date Sampled: 09/13/2013 1410
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5895.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0641			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0641				

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	3.7		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)	97		70 - 127
Toluene-d8 (Surr)	110		80 - 125
4-Bromofluorobenzene (Surr)	120		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-16
Client Matrix: Water

Date Sampled: 09/16/2013 0915
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5918.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1705			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1705				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-16
Client Matrix: Water

Date Sampled: 09/16/2013 0915
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5918.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1705			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1705				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 127
Toluene-d8 (Surr)	82		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-17
Client Matrix: Water

Date Sampled: 09/16/2013 0945
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5920.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1751			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1751				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-17
Client Matrix: Water

Date Sampled: 09/16/2013 0945
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5920.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1751			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1751				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-18
Client Matrix: Water

Date Sampled: 09/16/2013 1015
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5922.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1838			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1838				

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	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-18
Client Matrix: Water

Date Sampled: 09/16/2013 1015
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5922.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1838			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1838				

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)	87		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-19
Client Matrix: Water

Date Sampled: 09/16/2013 1055
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5923.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1901			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1901				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.0	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-19
Client Matrix: Water

Date Sampled: 09/16/2013 1055
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5923.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1901			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1901				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	86		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-20
Client Matrix: Water

Date Sampled: 09/16/2013 1125
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5924.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1924			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1924				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.5	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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-20
Client Matrix: Water

Date Sampled: 09/16/2013 1125
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5924.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1924			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1924				

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	0.89	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)	84		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-46737-21
Client Matrix: Water

Date Sampled: 09/14/2013 1005
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5896.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0704			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0704				

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	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-46737-21
Client Matrix: Water

Date Sampled: 09/14/2013 1005
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5896.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0704			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0704				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-46737-22
Client Matrix: Water

Date Sampled: 09/14/2013 1030
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5897.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0727			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0727				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	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	0.34	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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-46737-22
Client Matrix: Water

Date Sampled: 09/14/2013 1030
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5897.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0727			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0727				

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	2.7		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)	86		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-46737-23
Client Matrix: Water

Date Sampled: 09/14/2013 1110
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5898.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0750			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0750				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.4	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	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.27	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-46737-23
Client Matrix: Water

Date Sampled: 09/14/2013 1110
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5898.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0750			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0750				

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	3.3		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)	90		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-46737-24
Client Matrix: Water

Date Sampled: 09/14/2013 1155
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5899.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/25/2013 0814			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0814				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	12	J	7.6	40
Benzene	0.64	U	0.64	4.0
Bromobenzene	0.68	U	0.68	4.0
Bromochloromethane	0.40	U	0.40	4.0
Bromodichloromethane	0.68	U	0.68	4.0
Bromoform	0.76	U	0.76	4.0
Bromomethane	0.84	U	0.84	4.0
2-Butanone (MEK)	8.0	U	8.0	20
n-Butylbenzene	1.3	U	1.3	4.0
sec-Butylbenzene	0.68	U	0.68	4.0
tert-Butylbenzene	0.64	U	0.64	4.0
Carbon disulfide	1.8	U	1.8	4.0
Carbon tetrachloride	0.76	U	0.76	4.0
Chlorobenzene	0.68	U	0.68	4.0
Dibromochloromethane	0.68	U	0.68	4.0
Chloroethane	1.6	U	1.6	4.0
Chloroform	0.64	U	0.64	4.0
Chloromethane	1.2	U	1.2	4.0
2-Chlorotoluene	0.68	U	0.68	4.0
4-Chlorotoluene	0.84	U	0.84	4.0
1,2-Dibromo-3-Chloropropane	1.9	U	1.9	4.0
Dibromomethane	0.68	U	0.68	4.0
1,2-Dichlorobenzene	0.60	U	0.60	4.0
1,3-Dichlorobenzene	0.52	U	0.52	4.0
1,4-Dichlorobenzene	0.64	U	0.64	4.0
Dichlorodifluoromethane	1.2	U	1.2	4.0
1,1-Dichloroethane	0.88	U	0.88	4.0
1,2-Dichloroethane	0.52	U	0.52	4.0
cis-1,2-Dichloroethene	230		0.60	4.0
trans-1,2-Dichloroethene	5.6		0.60	4.0
1,1-Dichloroethene	11		0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-46737-24
Client Matrix: Water

Date Sampled: 09/14/2013 1155
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5899.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/25/2013 0814			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0814				

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	24		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
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)	98		70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	114		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-46737-24
Client Matrix: Water

Date Sampled: 09/14/2013 1155
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5900.D
Dilution:	1.0			Initial Weight/Volume:	0.5 mL
Analysis Date:	09/25/2013 0837	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0837				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	900		4.0	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2200**

Lab Sample ID: 280-46737-25
Client Matrix: Water

Date Sampled: 09/13/2013 0800
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5901.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0900			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0900				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.0	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	1.6		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2200**

Lab Sample ID: 280-46737-25
Client Matrix: Water

Date Sampled: 09/13/2013 0800
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5901.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0900			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0900				

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)	96		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-46737-26
Client Matrix: Water

Date Sampled: 09/13/2013 1006
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5902.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0923			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0923				

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	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	15		0.15	1.0
trans-1,2-Dichloroethene	1.6		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-46737-26
Client Matrix: Water

Date Sampled: 09/13/2013 1006
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5902.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0923			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0923				

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	6.7		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	5.2		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)	85		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-46737-27
Client Matrix: Water

Date Sampled: 09/13/2013 0918
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5882.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0147			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0147				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	15		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	4.8		0.15	1.0
1,1-Dichloroethene	7.2		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-46737-27
Client Matrix: Water

Date Sampled: 09/13/2013 0918
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5882.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0147			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0147				

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	19		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)	78		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-46737-27
Client Matrix: Water

Date Sampled: 09/13/2013 0918
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5883.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/25/2013 0210	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	260		1.5	10
Vinyl chloride	340		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127
Toluene-d8 (Surr)	112		80 - 125
4-Bromofluorobenzene (Surr)	121	X	78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-46737-28
Client Matrix: Water

Date Sampled: 09/13/2013 1048
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5884.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	09/25/2013 0233			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0233				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1300	J	380	2000
Benzene	32	U	32	200
Bromobenzene	34	U	34	200
Bromochloromethane	20	U	20	200
Bromodichloromethane	34	U	34	200
Bromoform	38	U	38	200
Bromomethane	42	U	42	200
2-Butanone (MEK)	400	U	400	1000
n-Butylbenzene	64	U	64	200
sec-Butylbenzene	34	U	34	200
tert-Butylbenzene	32	U	32	200
Carbon disulfide	90	U	90	200
Carbon tetrachloride	38	U	38	200
Chlorobenzene	34	U	34	200
Dibromochloromethane	34	U	34	200
Chloroethane	82	U	82	200
Chloroform	32	U	32	200
Chloromethane	60	U	60	200
2-Chlorotoluene	34	U	34	200
4-Chlorotoluene	42	U	42	200
1,2-Dibromo-3-Chloropropane	94	U	94	200
Dibromomethane	34	U	34	200
1,2-Dichlorobenzene	30	U	30	200
1,3-Dichlorobenzene	26	U	26	200
1,4-Dichlorobenzene	32	U	32	200
Dichlorodifluoromethane	62	U	62	200
1,1-Dichloroethane	44	U	44	200
1,2-Dichloroethane	26	U	26	200
trans-1,2-Dichloroethene	7000		30	200
1,1-Dichloroethene	1100		46	200
1,2-Dichloropropane	36	U	36	200
1,3-Dichloropropane	44	U	44	200
2,2-Dichloropropane	36	U	36	200
cis-1,3-Dichloropropene	32	U	32	200
trans-1,3-Dichloropropene	38	U	38	200
1,1-Dichloropropene	38	U	38	200
Ethylbenzene	32	U	32	200
Hexachlorobutadiene	72	U	72	200
2-Hexanone	340	U	340	1000
Isopropylbenzene	38	U	38	200
4-Isopropyltoluene	40	U	40	200
Methylene Chloride	64	U	64	200
4-Methyl-2-pentanone	200	U	200	1000
Naphthalene	44	U	44	200
n-Propylbenzene	32	U	32	200
Styrene	34	U	34	200

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-46737-28
Client Matrix: Water

Date Sampled: 09/13/2013 1048
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5884.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	09/25/2013 0233			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0233				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	42	U	42	200
1,1,2,2-Tetrachloroethane	42	U	42	200
Tetrachloroethene	40	U	40	200
Toluene	34	U	34	200
1,2,3-Trichlorobenzene	42	U	42	200
1,2,4-Trichlorobenzene	42	U	42	200
1,1,1-Trichloroethane	32	U	32	200
1,1,2-Trichloroethane	54	U	54	200
Trichloroethene	7000		32	200
Trichlorofluoromethane	58	U	58	200
1,2,3-Trichloropropane	66	U	66	200
1,2,4-Trimethylbenzene	30	U	30	200
1,3,5-Trimethylbenzene	32	U	32	200
Xylenes, Total	38	U	38	200
1,2-Dibromoethane	36	U	36	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-46737-28
Client Matrix: Water

Date Sampled: 09/13/2013 1048
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5885.D
Dilution:	1.0			Initial Weight/Volume:	0.01 mL
Analysis Date:	09/25/2013 0256	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0256				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	63000		300	2000
Vinyl chloride	19000		200	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	110		80 - 125
4-Bromofluorobenzene (Surr)	115		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-46737-29
Client Matrix: Water

Date Sampled: 09/13/2013 1150
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5886.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0318			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0318				

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	28		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	13		0.15	1.0
trans-1,2-Dichloroethene	3.3		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-46737-29
Client Matrix: Water

Date Sampled: 09/13/2013 1150
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5886.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0318			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0318				

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)	84		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-46737-29
Client Matrix: Water

Date Sampled: 09/13/2013 1150
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5887.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/25/2013 0341	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0341				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-46737-30
Client Matrix: Water

Date Sampled: 09/13/2013 1218
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5888.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0403			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0403				

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	9.7		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	43		0.15	1.0
trans-1,2-Dichloroethene	8.3		0.15	1.0
1,1-Dichloroethene	0.52	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-46737-30
Client Matrix: Water

Date Sampled: 09/13/2013 1218
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5888.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0403			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0403				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-46737-30
Client Matrix: Water

Date Sampled: 09/13/2013 1218
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5934.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	09/25/2013 2314	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 2314				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	110		0.50	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-46737-31
Client Matrix: Water

Date Sampled: 09/13/2013 1252
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5890.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0448			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.1	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	0.82	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.0		0.15	1.0
trans-1,2-Dichloroethene	1.9		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-46737-31
Client Matrix: Water

Date Sampled: 09/13/2013 1252
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5890.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0448			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0448				

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	9.1		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2199**

Lab Sample ID: 280-46737-32
Client Matrix: Water

Date Sampled: 09/13/2013 0800
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5891.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0511			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0511				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.6	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	1.5		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2199**

Lab Sample ID: 280-46737-32
Client Matrix: Water

Date Sampled: 09/13/2013 0800
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5891.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0511			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0511				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-1**

Lab Sample ID: 280-46737-1
Client Matrix: Water

Date Sampled: 09/14/2013 0815
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6773.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2306			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2306				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-2**

Lab Sample ID: 280-46737-2
Client Matrix: Water

Date Sampled: 09/14/2013 0840
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6774.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2323			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2323				

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)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0561-3**

Lab Sample ID: 280-46737-3
Client Matrix: Water

Date Sampled: 09/14/2013 0925
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6777.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0016			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0016				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-4
Client Matrix: Water

Date Sampled: 09/16/2013 1400
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6833.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2229			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2229				

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)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-5
Client Matrix: Water

Date Sampled: 09/16/2013 1425
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6801.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0901			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0901				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-6
Client Matrix: Water

Date Sampled: 09/16/2013 1500
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6834.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2246			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2246				

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)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-1**

Lab Sample ID: 280-46737-7
Client Matrix: Water

Date Sampled: 09/13/2013 0840
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6778.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0033			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0033				

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)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-2**

Lab Sample ID: 280-46737-8
Client Matrix: Water

Date Sampled: 09/13/2013 0915
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6779.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0051			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0051				

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)	85		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0568-3**

Lab Sample ID: 280-46737-9
Client Matrix: Water

Date Sampled: 09/13/2013 0945
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6780.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0108			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0108				

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)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-1**

Lab Sample ID: 280-46737-10
Client Matrix: Water

Date Sampled: 09/13/2013 1015
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6762.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1444			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1444				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-2**

Lab Sample ID: 280-46737-11
Client Matrix: Water

Date Sampled: 09/13/2013 1035
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6763.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1502			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1502				

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)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0569-3**

Lab Sample ID: 280-46737-12
Client Matrix: Water

Date Sampled: 09/13/2013 1115
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6764.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1519			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1519				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-1**

Lab Sample ID: 280-46737-13
Client Matrix: Water

Date Sampled: 09/13/2013 1305
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6765.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 1537			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1537				

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)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-2**

Lab Sample ID: 280-46737-14
Client Matrix: Water

Date Sampled: 09/13/2013 1340
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6802.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0919			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0919				

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)	78		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0570-3**

Lab Sample ID: 280-46737-15
Client Matrix: Water

Date Sampled: 09/13/2013 1410
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6816.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1333			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1333				

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)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-16
Client Matrix: Water

Date Sampled: 09/16/2013 0915
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6835.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2304			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2304				

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)	81		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-17
Client Matrix: Water

Date Sampled: 09/16/2013 0945
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6836.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2321			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2321				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-18
Client Matrix: Water

Date Sampled: 09/16/2013 1015
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6837.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2339			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2339				

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)	81		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-19
Client Matrix: Water

Date Sampled: 09/16/2013 1055
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6838.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2356			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2356				

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)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46737-20
Client Matrix: Water

Date Sampled: 09/16/2013 1125
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6839.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0014			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0014				

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)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-1**

Lab Sample ID: 280-46737-21
Client Matrix: Water

Date Sampled: 09/14/2013 1005
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6781.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0126			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0126				

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)	87		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-2**

Lab Sample ID: 280-46737-22
Client Matrix: Water

Date Sampled: 09/14/2013 1030
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6782.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0143			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0143				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0584-3**

Lab Sample ID: 280-46737-23
Client Matrix: Water

Date Sampled: 09/14/2013 1110
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6817.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1351			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1351				

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)	82		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-3**

Lab Sample ID: 280-46737-24
Client Matrix: Water

Date Sampled: 09/14/2013 1155
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6818.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/24/2013 1408			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1408				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.3	J	0.44	2.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S30B**

Lab Sample ID: 280-46737-26
Client Matrix: Water

Date Sampled: 09/13/2013 1006
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6819.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1426			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1426				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.82	J	0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S33C**

Lab Sample ID: 280-46737-27
Client Matrix: Water

Date Sampled: 09/13/2013 0918
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6820.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1443			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1443				

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)	87		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S35B**

Lab Sample ID: 280-46737-28
Client Matrix: Water

Date Sampled: 09/13/2013 1048
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6783.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0200			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0200				

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)	82		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67B**

Lab Sample ID: 280-46737-29
Client Matrix: Water

Date Sampled: 09/13/2013 1150
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6821.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2013 1501			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1501				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	89		2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67C**

Lab Sample ID: 280-46737-30
Client Matrix: Water

Date Sampled: 09/13/2013 1218
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6822.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2013 1518			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1518				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	45		2.2	10

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S67D**

Lab Sample ID: 280-46737-31
Client Matrix: Water

Date Sampled: 09/13/2013 1252
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6786.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0253			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0253				

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)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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
280-46737-1	PIN12-0561-1	98	81	94	98
280-46737-2	PIN12-0561-2	107	88	104	106
280-46737-3	PIN12-0561-3	104	86	99	104
280-46737-4	PIN12-0565-1	95	79	96	97
280-46737-5	PIN12-0565-2	92	80	91	96
280-46737-6	PIN12-0565-3	101	89	99	103
280-46737-7	PIN12-0568-1	99	89	103	106
280-46737-8	PIN12-0568-2	104	90	109	106
280-46737-9	PIN12-0568-3	98	83	98	103
280-46737-10	PIN12-0569-1	99	83	100	103
280-46737-11	PIN12-0569-2	112	94	109	116
280-46737-12	PIN12-0569-3	98	84	93	103
280-46737-13	PIN12-0570-1	119	102	117	125X
280-46737-14	PIN12-0570-2	90	78	91	96
280-46737-15	PIN12-0570-3	109	97	110	120
280-46737-16	PIN12-0573-1	92	76	82	88
280-46737-17	PIN12-0573-2	99	85	87	96
280-46737-18	PIN12-0573-3	101	88	87	92
280-46737-19	PIN12-0575-1	106	86	86	93
280-46737-20	PIN12-0575-2	97	84	92	97
280-46737-21	PIN12-0584-1	97	84	96	102
280-46737-22	PIN12-0584-2	98	86	95	106
280-46737-23	PIN12-0584-3	101	90	95	104
280-46737-24	PIN12-0585-3	113	98	105	114
280-46737-24 DL	PIN12-0585-3 DL	98	87	95	102
280-46737-25	PIN99-2200	104	88	96	106
280-46737-26	PIN12-S30B	95	85	88	97
280-46737-27	PIN12-S33C	90	78	89	94
280-46737-27 DL	PIN12-S33C DL	110	91	112	121X

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

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
280-46737-28	PIN12-S35B	98	85	96	104
280-46737-28 DL	PIN12-S35B DL	113	92	110	115
280-46737-29	PIN12-S67B	98	84	95	102
280-46737-29 DL	PIN12-S67B DL	99	84	97	104
280-46737-30	PIN12-S67C	96	82	89	97
280-46737-30 DL	PIN12-S67C DL	102	88	96	99
280-46737-31	PIN12-S67D	92	78	93	97
280-46737-32	PIN99-2199	94	79	99	101
MB 280-192750/5		112	97	109	115
MB 280-192953/5		92	78	89	94
MB 280-193022/5		101	84	87	94
LCS 280-192750/4		94	81	93	79
LCS 280-192953/4		100	84	97	107
LCS 280-193022/4		106	90	93	101
280-46737-1 MS	PIN12-0561-1 MS	106	89	103	102
280-46737-11 MS	PIN12-0569-2 MS	96	83	91	98
280-46747-F-1 MS		104	90	92	97
280-46737-1 MSD	PIN12-0561-1 MSD	93	80	95	97
280-46737-11 MSD	PIN12-0569-2 MSD	112	96	109	118
280-46747-F-1 MSD		126X	109	108	115

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-46737-1	PIN12-0561-1	85
280-46737-2	PIN12-0561-2	84
280-46737-3	PIN12-0561-3	86
280-46737-4	PIN12-0565-1	83
280-46737-5	PIN12-0565-2	85
280-46737-6	PIN12-0565-3	83
280-46737-7	PIN12-0568-1	84
280-46737-8	PIN12-0568-2	85
280-46737-9	PIN12-0568-3	83
280-46737-10	PIN12-0569-1	89
280-46737-11	PIN12-0569-2	84
280-46737-12	PIN12-0569-3	88
280-46737-13	PIN12-0570-1	84
280-46737-14	PIN12-0570-2	78
280-46737-15	PIN12-0570-3	83
280-46737-16	PIN12-0573-1	81
280-46737-17	PIN12-0573-2	90
280-46737-18	PIN12-0573-3	81
280-46737-19	PIN12-0575-1	83
280-46737-20	PIN12-0575-2	84
280-46737-21	PIN12-0584-1	87
280-46737-22	PIN12-0584-2	90
280-46737-23	PIN12-0584-3	82
280-46737-24	PIN12-0585-3	85
280-46737-26	PIN12-S30B	81
280-46737-27	PIN12-S33C	87
280-46737-28	PIN12-S35B	82
280-46737-29	PIN12-S67B	80
280-46737-30	PIN12-S67C	92

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-46737-31	PIN12-S67D	83
MB 280-192611/5		85
MB 280-192744/5		84
MB 280-192767/5		81
MB 280-192931/5		83
LCS 280-192611/3		83
LCS 280-192744/3		90
LCS 280-192767/3		86
LCS 280-192931/3		88
LCSD 280-192611/4		84
LCSD 280-192744/4		84
LCSD 280-192767/4		81
LCSD 280-192931/4		84
280-46737-2 MS	PIN12-0561-2 MS	84
280-46672-A-5 MS		88
280-46761-D-2 MS		82
280-46962-D-2 MS		87
280-46737-2 MSD	PIN12-0561-2 MSD	89
280-46672-A-5 MSD		82
280-46761-D-2 MSD		89
280-46962-D-2 MSD		84

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-192750

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192750/5	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5814.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2258	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2258				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	1.08		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-192750

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192750/5	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5814.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2258	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2258				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 127
Toluene-d8 (Surr)	109	80 - 125
4-Bromofluorobenzene (Surr)	115	78 - 120
Dibromofluoromethane (Surr)	112	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-192750

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-192750/4	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5815.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2321	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2321				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.62	92	74 - 135	
Bromodichloromethane	5.00	3.97	79	73 - 135	
Carbon tetrachloride	5.00	4.25	85	67 - 135	
Chlorobenzene	5.00	4.43	89	76 - 135	
Chloroform	5.00	4.31	86	76 - 120	
1,3-Dichlorobenzene	5.00	4.48	90	74 - 135	
1,1-Dichloroethane	5.00	4.48	90	75 - 135	
trans-1,2-Dichloroethene	5.00	4.71	94	75 - 135	
1,1-Dichloroethene	5.00	4.31	86	71 - 136	
1,2-Dichloropropane	5.00	4.49	90	71 - 120	
Ethylbenzene	5.00	4.54	91	72 - 120	
Methylene Chloride	5.00	5.28	106	54 - 141	
Tetrachloroethene	5.00	4.70	94	70 - 135	
Toluene	5.00	4.49	90	73 - 120	
1,1,1-Trichloroethane	5.00	4.50	90	70 - 135	
Trichloroethene	5.00	4.55	91	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	79	78 - 120
Dibromofluoromethane (Surr)	94	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192750

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46737-1	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5819.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0053			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0053				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46737-1	Analysis Batch:	280-192750	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5820.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0115			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0115				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	106	94	74 - 135	12	20		
Bromodichloromethane	87	80	73 - 135	9	20		
Carbon tetrachloride	90	79	67 - 135	13	21		
Chlorobenzene	99	89	76 - 135	10	20		
Chloroform	98	84	76 - 120	16	20		
1,3-Dichlorobenzene	98	88	74 - 135	10	20		
1,1-Dichloroethane	105	92	75 - 135	14	21		
trans-1,2-Dichloroethene	108	97	75 - 135	11	24		
1,1-Dichloroethene	109	91	71 - 136	19	20		
1,2-Dichloropropane	105	90	71 - 120	16	20		
Ethylbenzene	103	93	72 - 120	10	26		
Methylene Chloride	103	87	54 - 141	17	20		
Tetrachloroethene	99	91	70 - 135	8	20		
Toluene	100	90	73 - 120	10	20		
1,1,1-Trichloroethane	95	82	70 - 135	14	20		
Trichloroethene	99	87	73 - 135	13	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	80	70 - 127
Toluene-d8 (Surr)	103	95	80 - 125
4-Bromofluorobenzene (Surr)	102	97	78 - 120
Dibromofluoromethane (Surr)	106	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192750

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46737-1	Units:	ug/L	MSD Lab Sample ID:	280-46737-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 0053			Analysis Date:	09/24/2013 0115
Prep Date:	09/24/2013 0053			Prep Date:	09/24/2013 0115
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.31	4.70
Bromodichloromethane	0.17	U	5.00	5.00	4.37	3.98
Carbon tetrachloride	0.19	U	5.00	5.00	4.50	3.97
Chlorobenzene	0.17	U	5.00	5.00	4.94	4.46
Chloroform	0.16	U	5.00	5.00	4.92	4.20
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.89	4.42
1,1-Dichloroethane	0.22	U	5.00	5.00	5.27	4.58
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.40	4.84
1,1-Dichloroethene	0.23	U	5.00	5.00	5.46	4.54
1,2-Dichloropropane	0.18	U	5.00	5.00	5.27	4.50
Ethylbenzene	0.16	U	5.00	5.00	5.16	4.65
Methylene Chloride	0.32	U	5.00	5.00	5.15	4.36
Tetrachloroethene	0.20	U	5.00	5.00	4.94	4.55
Toluene	0.17	U	5.00	5.00	5.01	4.51
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.73	4.10
Trichloroethene	0.16	U	5.00	5.00	4.94	4.35

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-192953

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192953/5	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5877.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2352	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2352				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-192953

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192953/5	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5877.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2352	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2352				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78	70 - 127
Toluene-d8 (Surr)	89	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	92	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-192953

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-192953/4	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5876.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2329	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2329				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.44	89	74 - 135	
Bromodichloromethane	5.00	4.00	80	73 - 135	
Carbon tetrachloride	5.00	4.02	80	67 - 135	
Chlorobenzene	5.00	4.43	89	76 - 135	
Chloroform	5.00	4.22	84	76 - 120	
1,3-Dichlorobenzene	5.00	4.71	94	74 - 135	
1,1-Dichloroethane	5.00	4.54	91	75 - 135	
trans-1,2-Dichloroethene	5.00	4.54	91	75 - 135	
1,1-Dichloroethene	5.00	4.29	86	71 - 136	
1,2-Dichloropropane	5.00	4.55	91	71 - 120	
Ethylbenzene	5.00	4.60	92	72 - 120	
Methylene Chloride	5.00	4.54	91	54 - 141	
Tetrachloroethene	5.00	4.73	95	70 - 135	
Toluene	5.00	4.40	88	73 - 120	
1,1,1-Trichloroethane	5.00	4.08	82	70 - 135	
Trichloroethene	5.00	4.45	89	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	107	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192953

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46737-11	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0101			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0101				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46737-11	Analysis Batch:	280-192953	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5881.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0124			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0124				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	85	101	74 - 135	18	20		
Bromodichloromethane	76	87	73 - 135	14	20		
Carbon tetrachloride	75	89	67 - 135	17	21		
Chlorobenzene	82	101	76 - 135	21	20		F
Chloroform	78	95	76 - 120	19	20		
1,3-Dichlorobenzene	83	102	74 - 135	21	20		F
1,1-Dichloroethane	87	104	75 - 135	18	21		
trans-1,2-Dichloroethene	87	109	75 - 135	23	24		
1,1-Dichloroethene	85	103	71 - 136	19	20		
1,2-Dichloropropane	84	104	71 - 120	21	20		F
Ethylbenzene	85	103	72 - 120	19	26		
Methylene Chloride	78	97	54 - 141	22	20		F
Tetrachloroethene	85	101	70 - 135	18	20		
Toluene	83	99	73 - 120	17	20		
1,1,1-Trichloroethane	77	93	70 - 135	19	20		
Trichloroethene	80	95	73 - 135	17	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	96	70 - 127
Toluene-d8 (Surr)	91	109	80 - 125
4-Bromofluorobenzene (Surr)	98	118	78 - 120
Dibromofluoromethane (Surr)	96	112	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192953

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46737-11	Units:	ug/L	MSD Lab Sample ID:	280-46737-11
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2013 0101			Analysis Date:	09/25/2013 0124
Prep Date:	09/25/2013 0101			Prep Date:	09/25/2013 0124
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	0.16	U	5.00	5.00	4.23	5.07	
Bromodichloromethane	0.17	U	5.00	5.00	3.79	4.36	
Carbon tetrachloride	0.19	U	5.00	5.00	3.77	4.47	
Chlorobenzene	0.17	U	5.00	5.00	4.11	5.06	F
Chloroform	0.16	U	5.00	5.00	3.92	4.76	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.13	5.08	F
1,1-Dichloroethane	0.22	U	5.00	5.00	4.35	5.21	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.33	5.44	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.25	5.16	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.22	5.21	F
Ethylbenzene	0.16	U	5.00	5.00	4.26	5.16	
Methylene Chloride	0.32	U	5.00	5.00	3.89	4.86	F
Tetrachloroethene	0.20	U	5.00	5.00	4.24	5.06	
Toluene	0.17	U	5.00	5.00	4.17	4.95	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	3.86	4.65	
Trichloroethene	0.16	U	5.00	5.00	4.01	4.75	

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-193022

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193022/5	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5917.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1535	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1535				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-193022

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193022/5	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5917.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1535	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1535				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127
Toluene-d8 (Surr)	87	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	101	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-193022

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-193022/4	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5921.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1814	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1814				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.18	84	74 - 135	
Bromodichloromethane	5.00	4.00	80	73 - 135	
Carbon tetrachloride	5.00	4.04	81	67 - 135	
Chlorobenzene	5.00	4.23	85	76 - 135	
Chloroform	5.00	4.11	82	76 - 120	
1,3-Dichlorobenzene	5.00	4.47	89	74 - 135	
1,1-Dichloroethane	5.00	4.15	83	75 - 135	
trans-1,2-Dichloroethene	5.00	4.33	87	75 - 135	
1,1-Dichloroethene	5.00	3.97	79	71 - 136	
1,2-Dichloropropane	5.00	4.15	83	71 - 120	
Ethylbenzene	5.00	4.29	86	72 - 120	
Methylene Chloride	5.00	4.71	94	54 - 141	
Tetrachloroethene	5.00	4.55	91	70 - 135	
Toluene	5.00	4.26	85	73 - 120	
1,1,1-Trichloroethane	5.00	4.11	82	70 - 135	
Trichloroethene	5.00	4.20	84	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	101	78 - 120
Dibromofluoromethane (Surr)	106	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193022

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46747-F-1 MS	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5927.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 2033			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 2033				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46747-F-1 MSD	Analysis Batch:	280-193022	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5928.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 2056			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 2056				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	83	97	74 - 135	16	20		
Bromodichloromethane	79	88	73 - 135	11	20		
Carbon tetrachloride	84	99	67 - 135	16	21		
Chlorobenzene	83	97	76 - 135	15	20		
Chloroform	81	99	76 - 120	20	20		
1,3-Dichlorobenzene	84	98	74 - 135	16	20		
1,1-Dichloroethane	84	103	75 - 135	20	21		
trans-1,2-Dichloroethene	86	103	75 - 135	18	24		
1,1-Dichloroethene	80	96	71 - 136	18	20		
1,2-Dichloropropane	84	98	71 - 120	15	20		
Ethylbenzene	81	97	72 - 120	17	26		
Methylene Chloride	73	95	54 - 141	26	20		F
Tetrachloroethene	89	104	70 - 135	15	20		
Toluene	83	98	73 - 120	17	20		
1,1,1-Trichloroethane	82	100	70 - 135	19	20		
Trichloroethene	84	98	73 - 135	16	20		

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	109		70 - 127
Toluene-d8 (Surr)	92	108		80 - 125
4-Bromofluorobenzene (Surr)	97	115		78 - 120
Dibromofluoromethane (Surr)	104	126	X	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193022

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46747-F-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-46747-F-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2013 2033			Analysis Date:	09/25/2013 2056
Prep Date:	09/25/2013 2033			Prep Date:	09/25/2013 2056
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Benzene	0.16	U	5.00	5.00	4.15	4.87	
Bromodichloromethane	0.17	U	5.00	5.00	3.93	4.38	
Carbon tetrachloride	0.19	U	5.00	5.00	4.18	4.93	
Chlorobenzene	0.17	U	5.00	5.00	4.15	4.83	
Chloroform	0.16	U	5.00	5.00	4.07	4.97	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.19	4.90	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.22	5.15	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.31	5.17	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.01	4.79	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.22	4.90	
Ethylbenzene	0.16	U	5.00	5.00	4.07	4.84	
Methylene Chloride	0.32	U	5.00	5.00	3.66	4.73	F
Tetrachloroethene	0.20	U	5.00	5.00	4.46	5.20	
Toluene	0.17	U	5.00	5.00	4.13	4.91	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.12	5.00	
Trichloroethene	0.16	U	5.00	5.00	4.18	4.89	

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192611/5	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6743.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 0911	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0911				
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)	85	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192611/3	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6740.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 0818	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0818				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192611/4	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6741.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 0836	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0836				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	86	94	25 - 141	9	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192611/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192611/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2013 0818			Analysis Date:	09/23/2013 0836
Prep Date:	09/23/2013 0818			Prep Date:	09/23/2013 0836
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.31	4.72

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46672-A-5 MS	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6745.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/23/2013 0946			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 0946				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46672-A-5 MSD	Analysis Batch:	280-192611	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6746.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/23/2013 1003			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 1003				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	90	94	25 - 141	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	82	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192611

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46672-A-5 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/23/2013 0946		
Prep Date:	09/23/2013 0946		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46672-A-5 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/23/2013 1003
Prep Date:	09/23/2013 1003
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	33	20.0	20.0	50.8	51.5

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192744/5	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6772.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2120	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2120				
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)	84	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192744/3	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6769.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2025	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2025				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192744/4	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6770.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2043	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2043				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	98	95	25 - 141	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192744/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192744/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2013 2025			Analysis Date:	09/23/2013 2043
Prep Date:	09/23/2013 2025			Prep Date:	09/23/2013 2043
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.90	4.76

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46737-2	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6775.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2341			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2341				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46737-2	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6776.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2358			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2358				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	101	97	25 - 141	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	89	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46737-2	Units:	ug/L	MSD Lab Sample ID:	280-46737-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2013 2341			Analysis Date:	09/23/2013 2358
Prep Date:	09/23/2013 2341			Prep Date:	09/23/2013 2358
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	5.04	4.87

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192767/5	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6800.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0829	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0829				
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)	81	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192767/3	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6797.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0737	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0737				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192767/4	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6798.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0754	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0754				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	95	97	25 - 141	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	81	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192767/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192767/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 0737			Analysis Date:	09/24/2013 0754
Prep Date:	09/24/2013 0737			Prep Date:	09/24/2013 0754
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.73	4.83

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46761-D-2 MS	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6806.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1036			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1036				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46761-D-2 MSD	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6807.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1053			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1053				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	90	82	25 - 141	7	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	89	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46761-D-2 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/24/2013 1036		
Prep Date:	09/24/2013 1036		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46761-D-2 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/24/2013 1053
Prep Date:	09/24/2013 1053
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	1.9	5.00	5.00	6.45	6.03

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Method Blank - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192931/5	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6828.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2059	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2059				
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)	83	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192931/3	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6825.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2006	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2006				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192931/4	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6826.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2024	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2024				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	103	97	25 - 141	6	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192931/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192931/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 2006			Analysis Date:	09/24/2013 2024
Prep Date:	09/24/2013 2006			Prep Date:	09/24/2013 2024
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.17	4.85

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46962-D-2 MS	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6831.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2153			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2153				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46962-D-2 MSD	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6832.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2211			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2211				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	112	111	25 - 141	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46962-D-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-46962-D-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 2153			Analysis Date:	09/24/2013 2211
Prep Date:	09/24/2013 2153			Prep Date:	09/24/2013 2211
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	5.60	5.56

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-192611					
LCS 280-192611/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192611/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192611/5	Method Blank	T	Water	8260B SIM	
280-46672-A-5 MS	Matrix Spike	T	Water	8260B SIM	
280-46672-A-5 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-46737-10	PIN12-0569-1	T	Water	8260B SIM	
280-46737-11	PIN12-0569-2	T	Water	8260B SIM	
280-46737-12	PIN12-0569-3	T	Water	8260B SIM	
280-46737-13	PIN12-0570-1	T	Water	8260B SIM	
Analysis Batch:280-192744					
LCS 280-192744/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192744/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192744/5	Method Blank	T	Water	8260B SIM	
280-46737-1	PIN12-0561-1	T	Water	8260B SIM	
280-46737-2	PIN12-0561-2	T	Water	8260B SIM	
280-46737-2MS	Matrix Spike	T	Water	8260B SIM	
280-46737-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-46737-3	PIN12-0561-3	T	Water	8260B SIM	
280-46737-7	PIN12-0568-1	T	Water	8260B SIM	
280-46737-8	PIN12-0568-2	T	Water	8260B SIM	
280-46737-9	PIN12-0568-3	T	Water	8260B SIM	
280-46737-21	PIN12-0584-1	T	Water	8260B SIM	
280-46737-22	PIN12-0584-2	T	Water	8260B SIM	
280-46737-28	PIN12-S35B	T	Water	8260B SIM	
280-46737-31	PIN12-S67D	T	Water	8260B SIM	
Analysis Batch:280-192750					
LCS 280-192750/4	Lab Control Sample	T	Water	8260B	
MB 280-192750/5	Method Blank	T	Water	8260B	
280-46737-1	PIN12-0561-1	T	Water	8260B	
280-46737-1MS	Matrix Spike	T	Water	8260B	
280-46737-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-46737-2	PIN12-0561-2	T	Water	8260B	
280-46737-3	PIN12-0561-3	T	Water	8260B	
280-46737-4	PIN12-0565-1	T	Water	8260B	
280-46737-5	PIN12-0565-2	T	Water	8260B	
280-46737-6	PIN12-0565-3	T	Water	8260B	
280-46737-7	PIN12-0568-1	T	Water	8260B	
280-46737-8	PIN12-0568-2	T	Water	8260B	
280-46737-9	PIN12-0568-3	T	Water	8260B	
280-46737-10	PIN12-0569-1	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-192767					
LCS 280-192767/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192767/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192767/5	Method Blank	T	Water	8260B SIM	
280-46737-5	PIN12-0565-2	T	Water	8260B SIM	
280-46737-14	PIN12-0570-2	T	Water	8260B SIM	
280-46737-15	PIN12-0570-3	T	Water	8260B SIM	
280-46737-23	PIN12-0584-3	T	Water	8260B SIM	
280-46737-24	PIN12-0585-3	T	Water	8260B SIM	
280-46737-26	PIN12-S30B	T	Water	8260B SIM	
280-46737-27	PIN12-S33C	T	Water	8260B SIM	
280-46737-29	PIN12-S67B	T	Water	8260B SIM	
280-46737-30	PIN12-S67C	T	Water	8260B SIM	
280-46761-D-2 MS	Matrix Spike	T	Water	8260B SIM	
280-46761-D-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-192931					
LCS 280-192931/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192931/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192931/5	Method Blank	T	Water	8260B SIM	
280-46737-4	PIN12-0565-1	T	Water	8260B SIM	
280-46737-6	PIN12-0565-3	T	Water	8260B SIM	
280-46737-16	PIN12-0573-1	T	Water	8260B SIM	
280-46737-17	PIN12-0573-2	T	Water	8260B SIM	
280-46737-18	PIN12-0573-3	T	Water	8260B SIM	
280-46737-19	PIN12-0575-1	T	Water	8260B SIM	
280-46737-20	PIN12-0575-2	T	Water	8260B SIM	
280-46962-D-2 MS	Matrix Spike	T	Water	8260B SIM	
280-46962-D-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-46737-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-192953					
LCS 280-192953/4	Lab Control Sample	T	Water	8260B	
MB 280-192953/5	Method Blank	T	Water	8260B	
280-46737-11	PIN12-0569-2	T	Water	8260B	
280-46737-11MS	Matrix Spike	T	Water	8260B	
280-46737-11MSD	Matrix Spike Duplicate	T	Water	8260B	
280-46737-12	PIN12-0569-3	T	Water	8260B	
280-46737-13	PIN12-0570-1	T	Water	8260B	
280-46737-14	PIN12-0570-2	T	Water	8260B	
280-46737-15	PIN12-0570-3	T	Water	8260B	
280-46737-21	PIN12-0584-1	T	Water	8260B	
280-46737-22	PIN12-0584-2	T	Water	8260B	
280-46737-23	PIN12-0584-3	T	Water	8260B	
280-46737-24	PIN12-0585-3	T	Water	8260B	
280-46737-24DL	PIN12-0585-3	T	Water	8260B	
280-46737-25	PIN99-2200	T	Water	8260B	
280-46737-26	PIN12-S30B	T	Water	8260B	
280-46737-27	PIN12-S33C	T	Water	8260B	
280-46737-27DL	PIN12-S33C	T	Water	8260B	
280-46737-28	PIN12-S35B	T	Water	8260B	
280-46737-28DL	PIN12-S35B	T	Water	8260B	
280-46737-29	PIN12-S67B	T	Water	8260B	
280-46737-29DL	PIN12-S67B	T	Water	8260B	
280-46737-30	PIN12-S67C	T	Water	8260B	
280-46737-31	PIN12-S67D	T	Water	8260B	
280-46737-32	PIN99-2199	T	Water	8260B	
Analysis Batch:280-193022					
LCS 280-193022/4	Lab Control Sample	T	Water	8260B	
MB 280-193022/5	Method Blank	T	Water	8260B	
280-46737-16	PIN12-0573-1	T	Water	8260B	
280-46737-17	PIN12-0573-2	T	Water	8260B	
280-46737-18	PIN12-0573-3	T	Water	8260B	
280-46737-19	PIN12-0575-1	T	Water	8260B	
280-46737-20	PIN12-0575-2	T	Water	8260B	
280-46737-30DL	PIN12-S67C	T	Water	8260B	
280-46747-F-1 MS	Matrix Spike	T	Water	8260B	
280-46747-F-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

ANALYTICAL REPORT

Job Number: 280-46761-1

SDG Number: 13085578

Job Description: PINELLAS MONITORING

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

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
10/7/2013 1:39 PM

Kae E Yoder, Project Manager II
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0190
kae.yoder@testamericainc.com
10/07/2013

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

The Lab Certification ID# is E87667.

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

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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13085578

Report Number: 280-46761-1

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 9/17/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.3º C.

As instructed by the client, the Location ID and Ticket# for sample PIN12-0585-3 LJU 883 on chain-of-custody L10361 13085578.2.2 were changed to PIN12-0585-2 LJU 882.

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 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 PIN12-0581-3 (LJU 874). As no detectable concentrations are present at levels greater than the reporting limits in the sample, corrective action is deemed unnecessary.

1,2,3-Trichlorobenzene was detected in the method blank associated with batch 280-192962 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.

Acetone, a common laboratory contaminant, was detected in the method blank associated with batch 280-192990 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.

Surrogate 4-Bromofluorobenzene was recovered outside the control limits, biased high, in the method blank associated with batch 280-192990. As no detectable concentrations are present at levels greater than the reporting limits in the method blank, corrective action is deemed unnecessary.

The MS/MSD associated with batch 280-192961 exhibited spike compound recoveries, RPD data and a surrogate recovery outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The accuracy and precision of Carbon Tetrachloride in the MS/MSD associated with batch 280-192990 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The accuracy and precision of Tetrachloroethene in the MS/MSD associated with batch 280-193157 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The MS/MSD associated with batch 280-193159 exhibited RPD data outside the control limits for 1,1-Dichloroethene. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

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

Due to the presence of interfering, non-target compounds, a reduced aliquot size had to be used for the analysis of samples PIN12-0524 (LJU 848) and PIN12-0585-2 (LJU 882). The reporting limits have been elevated accordingly.

In some cases, due to high constituent concentration, a reduced aliquot size had to be used for the analysis of samples. The reporting limits have been elevated accordingly.

No other anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	F	MS/MSD Recovery and/or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-46761-1	PIN12-0524	Water	09/14/2013 1041	09/17/2013 0900
280-46761-1MS	PIN12-0524	Water	09/14/2013 1041	09/17/2013 0900
280-46761-1MSD	PIN12-0524	Water	09/14/2013 1041	09/17/2013 0900
280-46761-2	PIN12-0525	Water	09/14/2013 1058	09/17/2013 0900
280-46761-2MS	PIN12-0525	Water	09/14/2013 1058	09/17/2013 0900
280-46761-2MSD	PIN12-0525	Water	09/14/2013 1058	09/17/2013 0900
280-46761-3	PIN12-0541	Water	09/16/2013 1107	09/17/2013 0900
280-46761-4	PIN12-0542	Water	09/16/2013 1134	09/17/2013 0900
280-46761-5	PIN12-0549	Water	09/16/2013 1221	09/17/2013 0900
280-46761-6	PIN12-0554A	Water	09/13/2013 0946	09/17/2013 0900
280-46761-7	PIN12-0554B	Water	09/13/2013 1054	09/17/2013 0900
280-46761-8	PIN12-0554C	Water	09/13/2013 1141	09/17/2013 0900
280-46761-9	PIN12-0555C	Water	09/13/2013 0832	09/17/2013 0900
280-46761-10	PIN12-0580-1	Water	09/13/2013 1227	09/17/2013 0900
280-46761-11	PIN12-0580-2	Water	09/13/2013 1305	09/17/2013 0900
280-46761-12	PIN12-0580-3	Water	09/13/2013 1331	09/17/2013 0900
280-46761-13	PIN12-0581-1	Water	09/16/2013 1324	09/17/2013 0900
280-46761-14	PIN12-0581-2	Water	09/16/2013 1405	09/17/2013 0900
280-46761-15	PIN12-0581-3	Water	09/16/2013 1535	09/17/2013 0900
280-46761-16	PIN12-0585-1	Water	09/14/2013 1137	09/17/2013 0900
280-46761-17	PIN12-0585-2	Water	09/14/2013 1200	09/17/2013 0900
280-46761-18	PIN99-2202	Water	09/13/2013 0800	09/17/2013 0900
280-46761-19	PIN12-2451	Water	09/13/2013 1228	09/17/2013 0900
280-46761-20	PIN12-2452	Water	09/16/2013 1334	09/17/2013 0900
280-46761-21	PIN12-S70B	Water	09/14/2013 0842	09/17/2013 0900
280-46761-22	PIN12-S70C	Water	09/14/2013 0920	09/17/2013 0900
280-46761-23	PIN12-S70D	Water	09/14/2013 1009	09/17/2013 0900
280-46761-24	PIN12-S71B	Water	09/16/2013 0859	09/17/2013 0900
280-46761-25	PIN12-S71C	Water	09/16/2013 0934	09/17/2013 0900
280-46761-26	PIN12-S71D	Water	09/16/2013 1010	09/17/2013 0900

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46761-1	**PIN12-0524**					
Benzene		1.8	J	4.0	ug/L	8260B
cis-1,2-Dichloroethene		640		40	ug/L	8260B
trans-1,2-Dichloroethene		6.7		4.0	ug/L	8260B
1,1-Dichloroethene		18		4.0	ug/L	8260B
Vinyl chloride		420		40	ug/L	8260B
1,4-Dioxane		1.4	J	2.0	ug/L	8260B SIM
280-46761-2	**PIN12-0525**					
cis-1,2-Dichloroethene		1.3		1.0	ug/L	8260B
1,4-Dioxane		1.9		1.0	ug/L	8260B SIM
280-46761-3	**PIN12-0541**					
cis-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260B
1,4-Dioxane		1.1		1.0	ug/L	8260B SIM
280-46761-4	**PIN12-0542**					
1,1-Dichloroethane		0.52	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.62	J	1.0	ug/L	8260B
1,4-Dioxane		2.5		1.0	ug/L	8260B SIM
280-46761-5	**PIN12-0549**					
1,1-Dichloroethane		0.32	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.23	J	1.0	ug/L	8260B
1,4-Dioxane		2.1		1.0	ug/L	8260B SIM
280-46761-6	**PIN12-0554A**					
1,2,3-Trichlorobenzene		0.22	J B	1.0	ug/L	8260B
280-46761-7	**PIN12-0554B**					
1,1-Dichloroethane		3.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.5		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.39	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.27	J	1.0	ug/L	8260B
n-Propylbenzene		0.24	J	1.0	ug/L	8260B
1,2,3-Trichloropropane		3.3		1.0	ug/L	8260B
Vinyl chloride		6.4		1.0	ug/L	8260B
1,4-Dioxane		7.8		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46761-8	**PIN12-0554C**					
Benzene		0.17	J	1.0	ug/L	8260B
1,1-Dichloroethane		63		2.0	ug/L	8260B
cis-1,2-Dichloroethene		17		1.0	ug/L	8260B
trans-1,2-Dichloroethene		7.1		1.0	ug/L	8260B
1,1-Dichloroethene		1.0		1.0	ug/L	8260B
Vinyl chloride		69		2.0	ug/L	8260B
1,4-Dioxane		73		10	ug/L	8260B SIM
280-46761-9	**PIN12-0555C**					
cis-1,2-Dichloroethene		1.2		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.55	J	1.0	ug/L	8260B
280-46761-11	**PIN12-0580-2**					
Acetone		7.4	J	10	ug/L	8260B
1,1-Dichloroethane		5.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		8.2		1.0	ug/L	8260B
1,1-Dichloroethene		0.38	J	1.0	ug/L	8260B
Vinyl chloride		150		5.0	ug/L	8260B
1,4-Dioxane		170		40	ug/L	8260B SIM
280-46761-12	**PIN12-0580-3**					
Acetone		2.6	J	10	ug/L	8260B
1,1-Dichloroethane		2.6		1.0	ug/L	8260B
cis-1,2-Dichloroethene		16		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.2		1.0	ug/L	8260B
1,1-Dichloroethene		0.39	J	1.0	ug/L	8260B
Vinyl chloride		33		1.0	ug/L	8260B
1,4-Dioxane		30		2.0	ug/L	8260B SIM
280-46761-14	**PIN12-0581-2**					
1,1-Dichloroethane		16		1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.2		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.61	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.1		1.0	ug/L	8260B
Vinyl chloride		20		1.0	ug/L	8260B
1,4-Dioxane		30		5.0	ug/L	8260B SIM
280-46761-15	**PIN12-0581-3**					
Acetone		5.7	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46761-16	**PIN12-0585-1**					
cis-1,2-Dichloroethene		36		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.41	J	1.0	ug/L	8260B
1,1-Dichloroethene		2.4		1.0	ug/L	8260B
Trichloroethene		4.2		1.0	ug/L	8260B
Vinyl chloride		5.4		1.0	ug/L	8260B
1,4-Dioxane		2.4		1.0	ug/L	8260B SIM
280-46761-17	**PIN12-0585-2**					
cis-1,2-Dichloroethene		5800		200	ug/L	8260B
trans-1,2-Dichloroethene		39		25	ug/L	8260B
1,1-Dichloroethene		410		25	ug/L	8260B
Trichloroethene		1300		25	ug/L	8260B
Vinyl chloride		700		25	ug/L	8260B
280-46761-18	**PIN99-2202**					
Methylene Chloride		1.3		1.0	ug/L	8260B
280-46761-19	**PIN12-2451**					
Acetone		11		10	ug/L	8260B
1,1-Dichloroethane		4.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		20		1.0	ug/L	8260B
trans-1,2-Dichloroethene		7.2		1.0	ug/L	8260B
1,1-Dichloroethene		0.24	J	1.0	ug/L	8260B
Vinyl chloride		140		5.0	ug/L	8260B
1,4-Dioxane		160		40	ug/L	8260B SIM
280-46761-20	**PIN12-2452**					
Acetone		3.7	J	10	ug/L	8260B
1,1-Dichloroethane		15		1.0	ug/L	8260B
cis-1,2-Dichloroethene		7.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.78	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.0		1.0	ug/L	8260B
1,2,3-Trichloropropane		2.8		1.0	ug/L	8260B
Vinyl chloride		18		1.0	ug/L	8260B
1,4-Dioxane		27		5.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Sample ID	Client Sample ID					
Analyte		Result	Qualifier	Reporting Limit	Units	Method
280-46761-21	**PIN12-S70B**					
Acetone		3.8	J	10	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.44	J	1.0	ug/L	8260B
Vinyl chloride		4.7		1.0	ug/L	8260B
280-46761-22	**PIN12-S70C**					
Acetone		4.3	J	10	ug/L	8260B
1,1-Dichloroethane		7.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.2		1.0	ug/L	8260B
Vinyl chloride		11		1.0	ug/L	8260B
1,4-Dioxane		15		1.0	ug/L	8260B SIM
280-46761-23	**PIN12-S70D**					
Acetone		4.0	J	10	ug/L	8260B
1,1-Dichloroethane		6.9		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.4		1.0	ug/L	8260B
1,1-Dichloroethene		0.40	J	1.0	ug/L	8260B
Vinyl chloride		12		1.0	ug/L	8260B
1,4-Dioxane		15		1.0	ug/L	8260B SIM
280-46761-24	**PIN12-S71B**					
Acetone		11	B	10	ug/L	8260B
280-46761-25	**PIN12-S71C**					
Acetone		6.7	J B	10	ug/L	8260B
1,1-Dichloroethane		4.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		32		1.0	ug/L	8260B
trans-1,2-Dichloroethene		17		1.0	ug/L	8260B
1,1-Dichloroethene		0.44	J	1.0	ug/L	8260B
Vinyl chloride		58		4.0	ug/L	8260B
1,4-Dioxane		46		10	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46761-26	**PIN12-S71D**					
Acetone		8.6	J B	10	ug/L	8260B
1,1-Dichloroethane		2.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		25		1.0	ug/L	8260B
trans-1,2-Dichloroethene		12		1.0	ug/L	8260B
1,1-Dichloroethene		0.40	J	1.0	ug/L	8260B
Vinyl chloride		48		1.0	ug/L	8260B
1,4-Dioxane		17		1.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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: 280-46761-1
Sdg Number: 13085578

Method	Analyst	Analyst ID
SW846 8260B	Contreras, Evan	EC
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-46761-1
Client Matrix: Water

Date Sampled: 09/14/2013 1041
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5668.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/25/2013 0948			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0948				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.6	U	7.6	40
Benzene	1.8	J	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
trans-1,2-Dichloroethene	6.7		0.60	4.0
1,1-Dichloroethene	18		0.92	4.0
1,2-Dichloropropane	0.72	U	0.72	4.0
1,3-Dichloropropane	0.88	U	0.88	4.0
2,2-Dichloropropane	0.72	U	0.72	4.0
cis-1,3-Dichloropropene	0.64	U	0.64	4.0
trans-1,3-Dichloropropene	0.76	U	0.76	4.0
1,1-Dichloropropene	0.76	U	0.76	4.0
Ethylbenzene	0.64	U	0.64	4.0
Hexachlorobutadiene	1.4	U	1.4	4.0
2-Hexanone	6.8	U	6.8	20
Isopropylbenzene	0.76	U	0.76	4.0
4-Isopropyltoluene	0.80	U	0.80	4.0
Methylene Chloride	1.3	U	1.3	4.0
4-Methyl-2-pentanone	3.9	U	3.9	20
Naphthalene	0.88	U	0.88	4.0
n-Propylbenzene	0.64	U	0.64	4.0
Styrene	0.68	U	0.68	4.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-46761-1
Client Matrix: Water

Date Sampled: 09/14/2013 1041
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5668.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/25/2013 0948			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0948				

Analyte	Result (ug/L)	Qualifier	MDL	RL
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
Xylenes, Total	0.76	U	0.76	4.0
1,2-Dibromoethane	0.72	U	0.72	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-46761-1
Client Matrix: Water

Date Sampled: 09/14/2013 1041
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5669.D
Dilution:	1.0			Initial Weight/Volume:	0.5 mL
Analysis Date:	09/25/2013 1009	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1009				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	640		6.0	40
Vinyl chloride	420		4.0	40

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-46761-2
Client Matrix: Water

Date Sampled: 09/14/2013 1058
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5670.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1031			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1031				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-46761-2
Client Matrix: Water

Date Sampled: 09/14/2013 1058
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5670.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1031			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 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
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-46761-3
Client Matrix: Water

Date Sampled: 09/16/2013 1107
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5671.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1052			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1052				

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	0.32	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-46761-3
Client Matrix: Water

Date Sampled: 09/16/2013 1107
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5671.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1052			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1052				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-46761-4
Client Matrix: Water

Date Sampled: 09/16/2013 1134
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5672.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1114			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1114				

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	0.52	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.62	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-46761-4
Client Matrix: Water

Date Sampled: 09/16/2013 1134
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5672.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1114			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1114				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-46761-5
Client Matrix: Water

Date Sampled: 09/16/2013 1221
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5673.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1135			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1135				

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	0.23	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-46761-5
Client Matrix: Water

Date Sampled: 09/16/2013 1221
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5673.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1135			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1135				

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)	96		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-46761-6
Client Matrix: Water

Date Sampled: 09/13/2013 0946
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5676.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1240			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1240				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-46761-6
Client Matrix: Water

Date Sampled: 09/13/2013 0946
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5676.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1240			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1240				

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	0.22	J B	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-46761-7
Client Matrix: Water

Date Sampled: 09/13/2013 1054
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5677.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1301			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1301				

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	3.5		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	2.5		0.15	1.0
trans-1,2-Dichloroethene	0.39	J	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	0.24	J	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-46761-7
Client Matrix: Water

Date Sampled: 09/13/2013 1054
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5677.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1301			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1301				

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	3.3		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	6.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-46761-8
Client Matrix: Water

Date Sampled: 09/13/2013 1141
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5678.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1322			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1322				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.17	J	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	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	17		0.15	1.0
trans-1,2-Dichloroethene	7.1		0.15	1.0
1,1-Dichloroethene	1.0		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-46761-8
Client Matrix: Water

Date Sampled: 09/13/2013 1141
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5678.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1322			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1322				

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)	85		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-46761-8
Client Matrix: Water

Date Sampled: 09/13/2013 1141
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193159	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8669.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/26/2013 1557	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1557				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1-Dichloroethane	63		0.44	2.0
Vinyl chloride	69		0.20	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127
Toluene-d8 (Surr)	83		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-9
Client Matrix: Water

Date Sampled: 09/13/2013 0832
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5679.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1344			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1344				

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	1.2		0.15	1.0
trans-1,2-Dichloroethene	0.55	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-9
Client Matrix: Water

Date Sampled: 09/13/2013 0832
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5679.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1344			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1344				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-10
Client Matrix: Water

Date Sampled: 09/13/2013 1227
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5680.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1405			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1405				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-10
Client Matrix: Water

Date Sampled: 09/13/2013 1227
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5680.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1405			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1405				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-11
Client Matrix: Water

Date Sampled: 09/13/2013 1305
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5681.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1427			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1427				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.4	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	5.1		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	21		0.15	1.0
trans-1,2-Dichloroethene	8.2		0.15	1.0
1,1-Dichloroethene	0.38	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-11
Client Matrix: Water

Date Sampled: 09/13/2013 1305
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5681.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1427			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1427				

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)	91		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-11
Client Matrix: Water

Date Sampled: 09/13/2013 1305
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193159	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8670.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	09/26/2013 1618	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1618				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	150		0.50	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-12
Client Matrix: Water

Date Sampled: 09/13/2013 1331
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5682.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1448			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1448				

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	2.6		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	16		0.15	1.0
trans-1,2-Dichloroethene	3.2		0.15	1.0
1,1-Dichloroethene	0.39	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-12
Client Matrix: Water

Date Sampled: 09/13/2013 1331
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5682.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1448			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1448				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	33		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-46761-13
Client Matrix: Water

Date Sampled: 09/16/2013 1324
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5683.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1509			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1509				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-46761-13
Client Matrix: Water

Date Sampled: 09/16/2013 1324
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5683.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1509			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1509				

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)	95		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-46761-14
Client Matrix: Water

Date Sampled: 09/16/2013 1405
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5684.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1531			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1531				

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	16		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	0.61	J	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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-46761-14
Client Matrix: Water

Date Sampled: 09/16/2013 1405
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5684.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1531			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1531				

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)	86		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	100		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-46761-15
Client Matrix: Water

Date Sampled: 09/16/2013 1535
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5685.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1552			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1552				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-46761-15
Client Matrix: Water

Date Sampled: 09/16/2013 1535
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5685.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1552			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1552				

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)	125		80 - 125
4-Bromofluorobenzene (Surr)	124	X	78 - 120
Dibromofluoromethane (Surr)	116		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-46761-16
Client Matrix: Water

Date Sampled: 09/14/2013 1137
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5686.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1614			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1614				

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	36		0.15	1.0
trans-1,2-Dichloroethene	0.41	J	0.15	1.0
1,1-Dichloroethene	2.4		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-46761-16
Client Matrix: Water

Date Sampled: 09/14/2013 1137
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5686.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1614			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1614				

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	4.2		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	5.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-46761-17
Client Matrix: Water

Date Sampled: 09/14/2013 1200
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5688.D
Dilution:	1.0			Initial Weight/Volume:	0.8 mL
Analysis Date:	09/25/2013 1657			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1657				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	48	U	48	250
Benzene	4.0	U	4.0	25
Bromobenzene	4.3	U	4.3	25
Bromochloromethane	2.5	U	2.5	25
Bromodichloromethane	4.3	U	4.3	25
Bromoform	4.8	U	4.8	25
Bromomethane	5.3	U	5.3	25
2-Butanone (MEK)	50	U	50	130
n-Butylbenzene	8.0	U	8.0	25
sec-Butylbenzene	4.3	U	4.3	25
tert-Butylbenzene	4.0	U	4.0	25
Carbon disulfide	11	U	11	25
Carbon tetrachloride	4.8	U	4.8	25
Chlorobenzene	4.3	U	4.3	25
Dibromochloromethane	4.3	U	4.3	25
Chloroethane	10	U	10	25
Chloroform	4.0	U	4.0	25
Chloromethane	7.5	U	7.5	25
2-Chlorotoluene	4.3	U	4.3	25
4-Chlorotoluene	5.3	U	5.3	25
1,2-Dibromo-3-Chloropropane	12	U	12	25
Dibromomethane	4.3	U	4.3	25
1,2-Dichlorobenzene	3.8	U	3.8	25
1,3-Dichlorobenzene	3.3	U	3.3	25
1,4-Dichlorobenzene	4.0	U	4.0	25
Dichlorodifluoromethane	7.8	U	7.8	25
1,1-Dichloroethane	5.5	U	5.5	25
1,2-Dichloroethane	3.3	U	3.3	25
trans-1,2-Dichloroethene	39		3.8	25
1,1-Dichloroethene	410		5.8	25
1,2-Dichloropropane	4.5	U	4.5	25
1,3-Dichloropropane	5.5	U	5.5	25
2,2-Dichloropropane	4.5	U	4.5	25
cis-1,3-Dichloropropene	4.0	U	4.0	25
trans-1,3-Dichloropropene	4.8	U	4.8	25
1,1-Dichloropropene	4.8	U	4.8	25
Ethylbenzene	4.0	U	4.0	25
Hexachlorobutadiene	9.0	U	9.0	25
2-Hexanone	43	U	43	130
Isopropylbenzene	4.8	U	4.8	25
4-Isopropyltoluene	5.0	U	5.0	25
Methylene Chloride	8.0	U	8.0	25
4-Methyl-2-pentanone	25	U	25	130
Naphthalene	5.5	U	5.5	25
n-Propylbenzene	4.0	U	4.0	25
Styrene	4.3	U	4.3	25

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-46761-17
Client Matrix: Water

Date Sampled: 09/14/2013 1200
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5688.D
Dilution:	1.0			Initial Weight/Volume:	0.8 mL
Analysis Date:	09/25/2013 1657			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1657				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	5.3	U	5.3	25
1,1,2,2-Tetrachloroethane	5.3	U	5.3	25
Tetrachloroethene	5.0	U	5.0	25
Toluene	4.3	U	4.3	25
1,2,3-Trichlorobenzene	5.3	U	5.3	25
1,2,4-Trichlorobenzene	5.3	U	5.3	25
1,1,1-Trichloroethane	4.0	U	4.0	25
1,1,2-Trichloroethane	6.8	U	6.8	25
Trichloroethene	1300		4.0	25
Trichlorofluoromethane	7.3	U	7.3	25
1,2,3-Trichloropropane	8.3	U	8.3	25
1,2,4-Trimethylbenzene	3.8	U	3.8	25
1,3,5-Trimethylbenzene	4.0	U	4.0	25
Vinyl chloride	700		2.5	25
Xylenes, Total	4.8	U	4.8	25
1,2-Dibromoethane	4.5	U	4.5	25

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-46761-17
Client Matrix: Water

Date Sampled: 09/14/2013 1200
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5689.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	09/25/2013 1719	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1719				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	5800		30	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2202**

Lab Sample ID: 280-46761-18
Client Matrix: Water

Date Sampled: 09/13/2013 0800
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5690.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1740			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1740				

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		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2202**

Lab Sample ID: 280-46761-18
Client Matrix: Water

Date Sampled: 09/13/2013 0800
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5690.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1740			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1740				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-46761-19
Client Matrix: Water

Date Sampled: 09/13/2013 1228
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5691.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1801			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1801				

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	4.8		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	20		0.15	1.0
trans-1,2-Dichloroethene	7.2		0.15	1.0
1,1-Dichloroethene	0.24	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-46761-19
Client Matrix: Water

Date Sampled: 09/13/2013 1228
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5691.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1801			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1801				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-46761-19
Client Matrix: Water

Date Sampled: 09/13/2013 1228
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193159	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8671.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	09/26/2013 1640	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1640				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	140		0.50	5.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-46761-20
Client Matrix: Water

Date Sampled: 09/16/2013 1334
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5692.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1823			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1823				

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	15		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	7.1		0.15	1.0
trans-1,2-Dichloroethene	0.78	J	0.15	1.0
1,1-Dichloroethene	1.0		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-46761-20
Client Matrix: Water

Date Sampled: 09/16/2013 1334
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5692.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1823			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1823				

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	2.8		0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	18		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-46761-21
Client Matrix: Water

Date Sampled: 09/14/2013 0842
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS7477.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1628			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1628				

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	13		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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-46761-21
Client Matrix: Water

Date Sampled: 09/14/2013 0842
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS7477.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1628			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1628				

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	4.7		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)	98		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-46761-22
Client Matrix: Water

Date Sampled: 09/14/2013 0920
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS7478.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1649			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1649				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.3	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	7.1		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	4.2		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-46761-22
Client Matrix: Water

Date Sampled: 09/14/2013 0920
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS7478.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1649			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1649				

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)	105		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-46761-23
Client Matrix: Water

Date Sampled: 09/14/2013 1009
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS7479.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1711			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1711				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.0	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	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	6.4		0.15	1.0
1,1-Dichloroethene	0.40	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-46761-23
Client Matrix: Water

Date Sampled: 09/14/2013 1009
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS7479.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1711			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1711				

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)	105		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-46761-24
Client Matrix: Water

Date Sampled: 09/16/2013 0859
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G9189.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1758			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1758				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	11	B	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-46761-24
Client Matrix: Water

Date Sampled: 09/16/2013 0859
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G9189.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1758			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1758				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	118		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-46761-25
Client Matrix: Water

Date Sampled: 09/16/2013 0934
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G9190.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1820			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1820				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.7	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	4.5		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	32		0.15	1.0
trans-1,2-Dichloroethene	17		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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-46761-25
Client Matrix: Water

Date Sampled: 09/16/2013 0934
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G9190.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1820			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1820				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	123		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	113		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-46761-25
Client Matrix: Water

Date Sampled: 09/16/2013 0934
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193157	Instrument ID:	VMS_R2
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	RR5978.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	09/26/2013 1838	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1838				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	58		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-46761-26
Client Matrix: Water

Date Sampled: 09/16/2013 1010
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G9191.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1843			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1843				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.6	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	2.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	25		0.15	1.0
trans-1,2-Dichloroethene	12		0.15	1.0
1,1-Dichloroethene	0.40	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-46761-26
Client Matrix: Water

Date Sampled: 09/16/2013 1010
Date Received: 09/17/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	G9191.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1843			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1843				

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)	126		70 - 127
Toluene-d8 (Surr)	105		80 - 125
4-Bromofluorobenzene (Surr)	117		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0524**

Lab Sample ID: 280-46761-1
Client Matrix: Water

Date Sampled: 09/14/2013 1041
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6804.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/24/2013 0956			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0956				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	1.4	J	0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0525**

Lab Sample ID: 280-46761-2
Client Matrix: Water

Date Sampled: 09/14/2013 1058
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6803.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0939			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0939				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0541**

Lab Sample ID: 280-46761-3
Client Matrix: Water

Date Sampled: 09/16/2013 1107
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6840.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0031			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0031				

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)	82		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0542**

Lab Sample ID: 280-46761-4
Client Matrix: Water

Date Sampled: 09/16/2013 1134
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6841.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0049			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.5		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0549**

Lab Sample ID: 280-46761-5
Client Matrix: Water

Date Sampled: 09/16/2013 1221
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6842.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0106			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0106				

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)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554A**

Lab Sample ID: 280-46761-6
Client Matrix: Water

Date Sampled: 09/13/2013 0946
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6787.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0310			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0310				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554B**

Lab Sample ID: 280-46761-7
Client Matrix: Water

Date Sampled: 09/13/2013 1054
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6788.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0328			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	7.8		0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0554C**

Lab Sample ID: 280-46761-8
Client Matrix: Water

Date Sampled: 09/13/2013 1141
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6805.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2013 1014			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1014				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	73		2.2	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-9
Client Matrix: Water

Date Sampled: 09/13/2013 0832
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6790.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0403			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0403				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-10
Client Matrix: Water

Date Sampled: 09/13/2013 1227
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6791.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0420			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0420				

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)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-11
Client Matrix: Water

Date Sampled: 09/13/2013 1305
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6808.D
Dilution:	1.0			Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2013 1113			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1113				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	170		8.8	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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

Lab Sample ID: 280-46761-12
Client Matrix: Water

Date Sampled: 09/13/2013 1331
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6809.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/24/2013 1131			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1131				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	30		0.44	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-1**

Lab Sample ID: 280-46761-13
Client Matrix: Water

Date Sampled: 09/16/2013 1324
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6843.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0124			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0124				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-2**

Lab Sample ID: 280-46761-14
Client Matrix: Water

Date Sampled: 09/16/2013 1405
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6891.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	09/26/2013 2311			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2311				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	30		1.1	5.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0581-3**

Lab Sample ID: 280-46761-15
Client Matrix: Water

Date Sampled: 09/16/2013 1535
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6845.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0159			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0159				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-1**

Lab Sample ID: 280-46761-16
Client Matrix: Water

Date Sampled: 09/14/2013 1137
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6810.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1148			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1148				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.4		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0585-2**

Lab Sample ID: 280-46761-17
Client Matrix: Water

Date Sampled: 09/14/2013 1200
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6811.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/24/2013 1206			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1206				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2451**

Lab Sample ID: 280-46761-19
Client Matrix: Water

Date Sampled: 09/13/2013 1228
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6812.D
Dilution:	1.0			Initial Weight/Volume:	0.5 mL
Analysis Date:	09/24/2013 1223			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1223				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	160		8.8	40

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2452**

Lab Sample ID: 280-46761-20
Client Matrix: Water

Date Sampled: 09/16/2013 1334
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6892.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	09/26/2013 2328			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2328				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	27		1.1	5.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70B**

Lab Sample ID: 280-46761-21
Client Matrix: Water

Date Sampled: 09/14/2013 0842
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6813.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1241			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1241				

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)	83		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70C**

Lab Sample ID: 280-46761-22
Client Matrix: Water

Date Sampled: 09/14/2013 0920
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6814.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1258			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1258				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	15		0.22	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S70D**

Lab Sample ID: 280-46761-23
Client Matrix: Water

Date Sampled: 09/14/2013 1009
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6815.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1316			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1316				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	15		0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71B**

Lab Sample ID: 280-46761-24
Client Matrix: Water

Date Sampled: 09/16/2013 0859
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6847.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0234			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0234				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71C**

Lab Sample ID: 280-46761-25
Client Matrix: Water

Date Sampled: 09/16/2013 0934
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6893.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/26/2013 2346			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2346				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	46		2.2	10

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S71D**

Lab Sample ID: 280-46761-26
Client Matrix: Water

Date Sampled: 09/16/2013 1010
Date Received: 09/17/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6849.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0309			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0309				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	17		0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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
280-46761-1	PIN12-0524	97	85	101	107
280-46761-1 DL	PIN12-0524 DL	89	77	94	94
280-46761-2	PIN12-0525	95	84	97	99
280-46761-3	PIN12-0541	96	85	96	102
280-46761-4	PIN12-0542	97	86	99	98
280-46761-5	PIN12-0549	109	98	96	103
280-46761-6	PIN12-0554A	96	86	92	103
280-46761-7	PIN12-0554B	96	85	94	101
280-46761-8	PIN12-0554C	96	85	95	99
280-46761-8 DL	PIN12-0554C DL	95	93	83	86
280-46761-9	PIN12-0555C	95	85	93	101
280-46761-10	PIN12-0580-1	95	84	97	98
280-46761-11	PIN12-0580-2	102	91	98	104
280-46761-11 DL	PIN12-0580-2 DL	104	102	90	94
280-46761-12	PIN12-0580-3	95	85	97	101
280-46761-13	PIN12-0581-1	97	88	95	94
280-46761-14	PIN12-0581-2	97	86	95	100
280-46761-15	PIN12-0581-3	116	100	125	124X
280-46761-16	PIN12-0585-1	99	90	94	99
280-46761-17	PIN12-0585-2	98	90	101	98
280-46761-17 DL	PIN12-0585-2 DL	99	88	95	105
280-46761-18	PIN99-2202	92	82	95	101
280-46761-19	PIN12-2451	96	86	97	105
280-46761-19 DL	PIN12-2451 DL	94	94	82	86
280-46761-20	PIN12-2452	96	88	93	98
280-46761-21	PIN12-S70B	101	109	98	93
280-46761-22	PIN12-S70C	97	105	94	86
280-46761-23	PIN12-S70D	99	105	92	85
280-46761-24	PIN12-S71B	111	125	107	118

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

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
280-46761-25	PIN12-S71C	111	123	100	113
280-46761-25 DL	PIN12-S71C DL	100	85	90	95
280-46761-26	PIN12-S71D	115	126	105	117
MB 280-192961/8		96	93	93	91
MB 280-192962/5		94	82	95	97
MB 280-192990/5		100	107	101	123X
MB 280-193157/5		100	84	91	98
MB 280-193159/5		96	92	89	89
LCS 280-192961/6		97	95	92	90
LCS 280-192962/4		95	89	107	106
LCS 280-192990/4		98	106	105	105
LCS 280-193157/4		99	81	92	92
LCS 280-193159/4		95	87	90	81
280-46761-1 MS	PIN12-0524 MS	95	91	105	94
280-46765-J-5 MS		123X	125	122	113
280-46789-D-1 MS		98	109	107	104
280-46839-J-9 MS		98	82	88	95
280-46868-I-13 MS		93	88	88	81
280-46761-1 MSD	PIN12-0524 MSD	93	90	103	90
280-46765-J-5 MSD		99	103	95	91
280-46789-D-1 MSD		98	105	106	103
280-46839-J-9 MSD		97	83	88	95
280-46868-I-13 MSD		95	89	88	81

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-46761-1	PIN12-0524	83
280-46761-2	PIN12-0525	79
280-46761-3	PIN12-0541	82
280-46761-4	PIN12-0542	89
280-46761-5	PIN12-0549	84
280-46761-6	PIN12-0554A	86
280-46761-7	PIN12-0554B	85
280-46761-8	PIN12-0554C	79
280-46761-9	PIN12-0555C	89
280-46761-10	PIN12-0580-1	84
280-46761-11	PIN12-0580-2	83
280-46761-12	PIN12-0580-3	86
280-46761-13	PIN12-0581-1	86
280-46761-14	PIN12-0581-2	96
280-46761-15	PIN12-0581-3	96
280-46761-16	PIN12-0585-1	83
280-46761-17	PIN12-0585-2	83
280-46761-19	PIN12-2451	82
280-46761-20	PIN12-2452	98
280-46761-21	PIN12-S70B	83
280-46761-22	PIN12-S70C	84
280-46761-23	PIN12-S70D	87
280-46761-24	PIN12-S71B	88
280-46761-25	PIN12-S71C	102
280-46761-26	PIN12-S71D	92
MB 280-192744/5		84
MB 280-192767/5		81
MB 280-192931/5		83
MB 280-193351/5		98

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
LCS 280-192744/3		90
LCS 280-192767/3		86
LCS 280-192931/3		88
LCS 280-193351/3		102
LCSD 280-192744/4		84
LCSD 280-192767/4		81
LCSD 280-192931/4		84
LCSD 280-193351/4		99
280-46761-2 MS	PIN12-0525 MS	82
280-46737-B-2 MS		84
280-46962-D-2 MS		87
280-46965-C-7 MS		100
280-46761-2 MSD	PIN12-0525 MSD	89
280-46737-B-2 MSD		89
280-46962-D-2 MSD		84
280-46965-C-7 MSD		104

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192961

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192961/8	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS7459.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0942	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0942				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192961

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192961/8	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS7459.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0942	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0942				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	91	78 - 120
Dibromofluoromethane (Surr)	96	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-192961

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-192961/6	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS7458.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0921	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0921				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.21	84	74 - 135	
Bromodichloromethane	5.00	4.13	83	73 - 135	
Carbon tetrachloride	5.00	3.66	73	67 - 135	
Chlorobenzene	5.00	4.18	84	76 - 135	
Chloroform	5.00	4.29	86	76 - 120	
1,3-Dichlorobenzene	5.00	4.31	86	74 - 135	
1,1-Dichloroethane	5.00	4.48	90	75 - 135	
trans-1,2-Dichloroethene	5.00	4.16	83	75 - 135	
1,1-Dichloroethene	5.00	3.70	74	71 - 136	
1,2-Dichloropropane	5.00	4.26	85	71 - 120	
Ethylbenzene	5.00	3.92	78	72 - 120	
Methylene Chloride	5.00	4.50	90	54 - 141	
Tetrachloroethene	5.00	3.80	76	70 - 135	
Toluene	5.00	4.35	87	73 - 120	
1,1,1-Trichloroethane	5.00	3.81	76	70 - 135	
Trichloroethene	5.00	4.11	82	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 127
Toluene-d8 (Surr)	92	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	97	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192961

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46765-J-5 MS	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS7462.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1111			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1111				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46765-J-5 MSD	Analysis Batch:	280-192961	Instrument ID:	VMS_MS1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	MS7463.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1132			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1132				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	121	91	74 - 135	29	20		F
Bromodichloromethane	118	88	73 - 135	29	20		F
Carbon tetrachloride	107	79	67 - 135	30	21		F
Chlorobenzene	124	90	76 - 135	32	20		F
Chloroform	126	94	76 - 120	30	20	F	F
1,3-Dichlorobenzene	128	94	74 - 135	30	20		F
1,1-Dichloroethane	130	98	75 - 135	28	21		F
trans-1,2-Dichloroethene	117	89	75 - 135	27	24		F
1,1-Dichloroethene	106	79	71 - 136	29	20		F
1,2-Dichloropropane	126	95	71 - 120	29	20	F	F
Ethylbenzene	118	84	72 - 120	33	26		F
Methylene Chloride	118	87	54 - 141	30	20		F
Tetrachloroethene	125	85	70 - 135	34	20		F
Toluene	127	94	73 - 120	30	20	F	F
1,1,1-Trichloroethane	114	85	70 - 135	29	20		F
Trichloroethene	121	89	73 - 135	26	20		F

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	125		103	70 - 127
Toluene-d8 (Surr)	122		95	80 - 125
4-Bromofluorobenzene (Surr)	113		91	78 - 120
Dibromofluoromethane (Surr)	123	X	99	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192961

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46765-J-5 MS	Units:	ug/L
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/25/2013 1111		
Prep Date:	09/25/2013 1111		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46765-J-5 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/25/2013 1132
Prep Date:	09/25/2013 1132
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	6.06		4.53	F
Bromodichloromethane	0.17	U	5.00	5.00	5.89		4.40	F
Carbon tetrachloride	0.19	U	5.00	5.00	5.36		3.95	F
Chlorobenzene	0.17	U	5.00	5.00	6.19		4.48	F
Chloroform	0.16	U	5.00	5.00	6.31	F	4.68	F
1,3-Dichlorobenzene	0.13	U	5.00	5.00	6.39		4.72	F
1,1-Dichloroethane	0.22	U	5.00	5.00	6.50		4.89	F
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.86		4.45	F
1,1-Dichloroethene	0.23	U	5.00	5.00	5.28		3.94	F
1,2-Dichloropropane	0.18	U	5.00	5.00	6.30	F	4.73	F
Ethylbenzene	0.16	U	5.00	5.00	5.90		4.21	F
Methylene Chloride	0.32	U	5.00	5.00	5.88		4.35	F
Tetrachloroethene	0.72	J	5.00	5.00	6.98		4.98	F
Toluene	0.17	U	5.00	5.00	6.35	F	4.71	F
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.69		4.26	F
Trichloroethene	0.65	J	5.00	5.00	6.68		5.12	F

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192962

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192962/5	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5667.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0859	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0859				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192962

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192962/5	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5667.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0859	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0859				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.212	J	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)	82	70 - 127
Toluene-d8 (Surr)	95	80 - 125
4-Bromofluorobenzene (Surr)	97	78 - 120
Dibromofluoromethane (Surr)	94	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-192962

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-192962/4	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5666.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0838	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0838				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.24	85	74 - 135	
Bromodichloromethane	5.00	4.15	83	73 - 135	
Carbon tetrachloride	5.00	3.80	76	67 - 135	
Chlorobenzene	5.00	4.44	89	76 - 135	
Chloroform	5.00	4.13	83	76 - 120	
1,3-Dichlorobenzene	5.00	3.88	78	74 - 135	
1,1-Dichloroethane	5.00	4.13	83	75 - 135	
trans-1,2-Dichloroethene	5.00	4.53	91	75 - 135	
1,1-Dichloroethene	5.00	4.52	90	71 - 136	
1,2-Dichloropropane	5.00	4.25	85	71 - 120	
Ethylbenzene	5.00	4.20	84	72 - 120	
Methylene Chloride	5.00	4.30	86	54 - 141	
Tetrachloroethene	5.00	4.35	87	70 - 135	
Toluene	5.00	4.59	92	73 - 120	
1,1,1-Trichloroethane	5.00	3.80	76	70 - 135	
Trichloroethene	5.00	4.35	87	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 127
Toluene-d8 (Surr)	107	80 - 125
4-Bromofluorobenzene (Surr)	106	78 - 120
Dibromofluoromethane (Surr)	95	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192962

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46761-1	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5674.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/25/2013 1157			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1157				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46761-1	Analysis Batch:	280-192962	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5675.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	09/25/2013 1218			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1218				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	107	103	74 - 135	3	20		
Bromodichloromethane	90	91	73 - 135	1	20		
Carbon tetrachloride	92	87	67 - 135	5	21		
Chlorobenzene	99	98	76 - 135	2	20		
Chloroform	96	92	76 - 120	4	20		
1,3-Dichlorobenzene	101	95	74 - 135	7	20		
1,1-Dichloroethane	96	94	75 - 135	2	21		
trans-1,2-Dichloroethene	92	86	75 - 135	4	24		
1,1-Dichloroethene	90	86	71 - 136	3	20		
1,2-Dichloropropane	97	96	71 - 120	1	20		
Ethylbenzene	97	94	72 - 120	3	26		
Methylene Chloride	99	99	54 - 141	0	20		
Tetrachloroethene	101	97	70 - 135	5	20		
Toluene	105	101	73 - 120	3	20		
1,1,1-Trichloroethane	91	87	70 - 135	4	20		
Trichloroethene	102	98	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	90	70 - 127
Toluene-d8 (Surr)	105	103	80 - 125
4-Bromofluorobenzene (Surr)	94	90	78 - 120
Dibromofluoromethane (Surr)	95	93	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192962

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46761-1	Units:	ug/L	MSD Lab Sample ID:	280-46761-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2013 1157			Analysis Date:	09/25/2013 1218
Prep Date:	09/25/2013 1157			Prep Date:	09/25/2013 1218
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	6.4	U	20.0	20.0	21.4	20.7
Bromodichloromethane	6.8	U	20.0	20.0	18.1	18.2
Carbon tetrachloride	7.6	U	20.0	20.0	18.4	17.5
Chlorobenzene	6.8	U	20.0	20.0	19.8	19.5
Chloroform	6.4	U	20.0	20.0	19.1	18.4
1,3-Dichlorobenzene	5.2	U	20.0	20.0	20.3	18.9
1,1-Dichloroethane	8.8	U	20.0	20.0	19.2	18.8
trans-1,2-Dichloroethene	9.9	J	20.0	20.0	28.3	27.0
1,1-Dichloroethene	19	J	20.0	20.0	37.0	36.0
1,2-Dichloropropane	7.2	U	20.0	20.0	19.3	19.2
Ethylbenzene	6.4	U	20.0	20.0	19.5	18.9
Methylene Chloride	13	U	20.0	20.0	19.8	19.8
Tetrachloroethene	8.0	U	20.0	20.0	20.3	19.3
Toluene	6.8	U	20.0	20.0	20.9	20.3
1,1,1-Trichloroethane	6.4	U	20.0	20.0	18.1	17.4
Trichloroethene	6.4	U	20.0	20.0	20.4	19.7

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192990

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192990/5	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G9168.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1000	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1000				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Acetone	3.91	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192990

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-192990/5	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G9168.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 1000	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1000				
Leach Date:	N/A				

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

Surrogate	% Rec		Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	123	X	78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-192990

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-192990/4	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G9167.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/25/2013 0938	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 0938				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.41	88	74 - 135	
Bromodichloromethane	5.00	4.57	91	73 - 135	
Carbon tetrachloride	5.00	5.08	102	67 - 135	
Chlorobenzene	5.00	4.81	96	76 - 135	
Chloroform	5.00	4.95	99	76 - 120	
1,3-Dichlorobenzene	5.00	4.72	94	74 - 135	
1,1-Dichloroethane	5.00	4.90	98	75 - 135	
trans-1,2-Dichloroethene	5.00	4.73	95	75 - 135	
1,1-Dichloroethene	5.00	4.71	94	71 - 136	
1,2-Dichloropropane	5.00	4.65	93	71 - 120	
Ethylbenzene	5.00	4.85	97	72 - 120	
Methylene Chloride	5.00	4.58	92	54 - 141	
Tetrachloroethene	5.00	5.02	100	70 - 135	
Toluene	5.00	4.50	90	73 - 120	
1,1,1-Trichloroethane	5.00	4.98	100	70 - 135	
Trichloroethene	5.00	4.41	88	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106	70 - 127
Toluene-d8 (Surr)	105	80 - 125
4-Bromofluorobenzene (Surr)	105	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192990

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46789-D-1 MS	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G9175.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.4 mL
Analysis Date:	09/25/2013 1247			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1247				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46789-D-1 MSD	Analysis Batch:	280-192990	Instrument ID:	VMS_G
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	G9176.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.4 mL
Analysis Date:	09/25/2013 1310			Final Weight/Volume:	20 mL
Prep Date:	09/25/2013 1310				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	87	91	74 - 135	5	20		
Bromodichloromethane	93	94	73 - 135	1	20		
Carbon tetrachloride	-3	-17	67 - 135	1	21	4	4
Chlorobenzene	93	95	76 - 135	2	20		
Chloroform	90	99	76 - 120	7	20		
1,3-Dichlorobenzene	92	90	74 - 135	1	20		
1,1-Dichloroethane	98	104	75 - 135	6	21		
trans-1,2-Dichloroethene	91	97	75 - 135	6	24		
1,1-Dichloroethene	89	94	71 - 136	5	20		
1,2-Dichloropropane	91	95	71 - 120	4	20		
Ethylbenzene	93	91	72 - 120	2	26		
Methylene Chloride	88	96	54 - 141	9	20		
Tetrachloroethene	98	94	70 - 135	3	20		
Toluene	90	91	73 - 120	1	20		
1,1,1-Trichloroethane	94	99	70 - 135	6	20		
Trichloroethene	86	93	73 - 135	8	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	105	70 - 127
Toluene-d8 (Surr)	107	106	80 - 125
4-Bromofluorobenzene (Surr)	104	103	78 - 120
Dibromofluoromethane (Surr)	98	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192990

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46789-D-1 MS	Units:	ug/L	MSD Lab Sample ID:	280-46789-D-1 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/25/2013 1247			Analysis Date:	09/25/2013 1310
Prep Date:	09/25/2013 1247			Prep Date:	09/25/2013 1310
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	8.0	U	250	250	217		228	
Bromodichloromethane	8.5	U	250	250	231		234	
Carbon tetrachloride	2500		250	250	2520	4	2490	4
Chlorobenzene	8.5	U	250	250	233		238	
Chloroform	66		250	250	292		313	
1,3-Dichlorobenzene	6.5	U	250	250	229		226	
1,1-Dichloroethane	11	U	250	250	245		260	
trans-1,2-Dichloroethene	7.5	U	250	250	228		242	
1,1-Dichloroethene	12	U	250	250	223		235	
1,2-Dichloropropane	9.0	U	250	250	228		237	
Ethylbenzene	8.0	U	250	250	232		227	
Methylene Chloride	16	U	250	250	219		240	
Tetrachloroethene	120		250	250	365		355	
Toluene	8.5	U	250	250	225		228	
1,1,1-Trichloroethane	8.0	U	250	250	234		248	
Trichloroethene	8.0	U	250	250	214		232	

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-193157

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193157/5	Analysis Batch:	280-193157	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5953.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0837	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0837				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-193157

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193157/5	Analysis Batch:	280-193157	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5953.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0837	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0837				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	70 - 127
Toluene-d8 (Surr)	91	80 - 125
4-Bromofluorobenzene (Surr)	98	78 - 120
Dibromofluoromethane (Surr)	100	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-193157

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-193157/4	Analysis Batch:	280-193157	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5954.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0900	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0900				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.68	94	74 - 135	
Bromodichloromethane	5.00	4.19	84	73 - 135	
Carbon tetrachloride	5.00	4.95	99	67 - 135	
Chlorobenzene	5.00	4.84	97	76 - 135	
Chloroform	5.00	4.70	94	76 - 120	
1,3-Dichlorobenzene	5.00	4.75	95	74 - 135	
1,1-Dichloroethane	5.00	4.74	95	75 - 135	
trans-1,2-Dichloroethene	5.00	5.10	102	75 - 135	
1,1-Dichloroethene	5.00	4.99	100	71 - 136	
1,2-Dichloropropane	5.00	4.45	89	71 - 120	
Ethylbenzene	5.00	4.86	97	72 - 120	
Methylene Chloride	5.00	4.99	100	54 - 141	
Tetrachloroethene	5.00	5.49	110	70 - 135	
Toluene	5.00	4.66	93	73 - 120	
1,1,1-Trichloroethane	5.00	5.03	101	70 - 135	
Trichloroethene	5.00	4.77	95	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81	70 - 127
Toluene-d8 (Surr)	92	80 - 125
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	99	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193157

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46839-J-9 MS	Analysis Batch:	280-193157	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5959.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1118			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1118				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46839-J-9 MSD	Analysis Batch:	280-193157	Instrument ID:	VMS_R2
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	RR5960.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1141			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1141				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	88	89	74 - 135	1	20		
Bromodichloromethane	84	87	73 - 135	4	20		
Carbon tetrachloride	96	92	67 - 135	4	21		
Chlorobenzene	94	94	76 - 135	0	20		
Chloroform	90	89	76 - 120	1	20		
1,3-Dichlorobenzene	98	93	74 - 135	4	20		
1,1-Dichloroethane	91	93	75 - 135	3	21		
trans-1,2-Dichloroethene	93	93	75 - 135	1	24		
1,1-Dichloroethene	94	90	71 - 136	5	20		
1,2-Dichloropropane	92	90	71 - 120	2	20		
Ethylbenzene	99	95	72 - 120	4	26		
Methylene Chloride	77	78	54 - 141	1	20		
Tetrachloroethene	173	134	70 - 135	5	20	4	4
Toluene	95	92	73 - 120	3	20		
1,1,1-Trichloroethane	94	92	70 - 135	2	20		
Trichloroethene	90	91	73 - 135	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	83	70 - 127
Toluene-d8 (Surr)	88	88	80 - 125
4-Bromofluorobenzene (Surr)	95	95	78 - 120
Dibromofluoromethane (Surr)	98	97	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193157

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46839-J-9 MS	Units:	ug/L	MSD Lab Sample ID:	280-46839-J-9 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2013 1118			Analysis Date:	09/26/2013 1141
Prep Date:	09/26/2013 1118			Prep Date:	09/26/2013 1141
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	0.25	J	5.00	5.00	4.67		4.71	
Bromodichloromethane	0.17	U	5.00	5.00	4.18		4.34	
Carbon tetrachloride	0.19	U	5.00	5.00	4.78		4.61	
Chlorobenzene	0.17	U	5.00	5.00	4.72		4.69	
Chloroform	0.16	U	5.00	5.00	4.52		4.47	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.88		4.67	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.54		4.65	
trans-1,2-Dichloroethene	0.31	J	5.00	5.00	4.98		4.95	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.72		4.51	
1,2-Dichloropropane	0.18	U	5.00	5.00	4.60		4.52	
Ethylbenzene	0.16	U	5.00	5.00	4.94		4.74	
Methylene Chloride	0.32	U	5.00	5.00	3.86		3.89	
Tetrachloroethene	35		5.00	5.00	43.9	4	42.0	4
Toluene	0.17	U	5.00	5.00	4.74		4.62	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.68		4.60	
Trichloroethene	2.7		5.00	5.00	7.23		7.32	

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-193159

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193159/5	Analysis Batch:	280-193159	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8650.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0914	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0914				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-193159

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193159/5	Analysis Batch:	280-193159	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8650.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0914	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0914				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 127
Toluene-d8 (Surr)	89	80 - 125
4-Bromofluorobenzene (Surr)	89	78 - 120
Dibromofluoromethane (Surr)	96	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-193159

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-193159/4	Analysis Batch:	280-193159	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8649.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0835	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0835				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.63	93	74 - 135	
Bromodichloromethane	5.00	4.44	89	73 - 135	
Carbon tetrachloride	5.00	4.86	97	67 - 135	
Chlorobenzene	5.00	4.66	93	76 - 135	
Chloroform	5.00	4.71	94	76 - 120	
1,3-Dichlorobenzene	5.00	4.64	93	74 - 135	
1,1-Dichloroethane	5.00	4.78	96	75 - 135	
trans-1,2-Dichloroethene	5.00	4.80	96	75 - 135	
1,1-Dichloroethene	5.00	4.42	88	71 - 136	
1,2-Dichloropropane	5.00	4.59	92	71 - 120	
Ethylbenzene	5.00	4.67	93	72 - 120	
Methylene Chloride	5.00	5.13	103	54 - 141	
Tetrachloroethene	5.00	4.66	93	70 - 135	
Toluene	5.00	4.96	99	73 - 120	
1,1,1-Trichloroethane	5.00	4.79	96	70 - 135	
Trichloroethene	5.00	4.68	94	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	70 - 127
Toluene-d8 (Surr)	90	80 - 125
4-Bromofluorobenzene (Surr)	81	78 - 120
Dibromofluoromethane (Surr)	95	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193159

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46868-I-13 MS	Analysis Batch:	280-193159	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8655.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1059			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1059				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46868-I-13 MSD	Analysis Batch:	280-193159	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8656.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1121			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1121				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	89	89	74 - 135	0	20		
Bromodichloromethane	87	89	73 - 135	2	20		
Carbon tetrachloride	91	91	67 - 135	0	21		
Chlorobenzene	90	89	76 - 135	0	20		
Chloroform	90	92	76 - 120	2	20		
1,3-Dichlorobenzene	90	89	74 - 135	1	20		
1,1-Dichloroethane	91	92	75 - 135	2	21		
trans-1,2-Dichloroethene	89	91	75 - 135	2	24		
1,1-Dichloroethene	80	106	71 - 136	28	20		F
1,2-Dichloropropane	90	92	71 - 120	2	20		
Ethylbenzene	89	88	72 - 120	1	26		
Methylene Chloride	80	82	54 - 141	3	20		
Tetrachloroethene	89	87	70 - 135	3	20		
Toluene	97	96	73 - 120	1	20		
1,1,1-Trichloroethane	90	90	70 - 135	0	20		
Trichloroethene	89	89	73 - 135	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	89	70 - 127
Toluene-d8 (Surr)	88	88	80 - 125
4-Bromofluorobenzene (Surr)	81	81	78 - 120
Dibromofluoromethane (Surr)	93	95	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193159

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46868-I-13 MS	Units:	ug/L
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/26/2013 1059		
Prep Date:	09/26/2013 1059		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46868-I-13 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/26/2013 1121
Prep Date:	09/26/2013 1121
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	4.47	4.47	
Bromodichloromethane	0.17	U	5.00	5.00	4.34	4.44	
Carbon tetrachloride	0.19	U	5.00	5.00	4.56	4.56	
Chlorobenzene	0.17	U	5.00	5.00	4.48	4.47	
Chloroform	0.16	U	5.00	5.00	4.48	4.58	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.52	4.47	
1,1-Dichloroethane	0.22	U	5.00	5.00	4.54	4.62	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.46	4.54	
1,1-Dichloroethene	0.23	U	5.00	5.00	4.00	5.30	F
1,2-Dichloropropane	0.18	U	5.00	5.00	4.52	4.60	
Ethylbenzene	0.16	U	5.00	5.00	4.46	4.40	
Methylene Chloride	0.32	U	5.00	5.00	3.98	4.12	
Tetrachloroethene	0.20	U	5.00	5.00	4.47	4.36	
Toluene	0.23	J	5.00	5.00	5.10	5.04	
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.48	4.48	
Trichloroethene	0.16	U	5.00	5.00	4.47	4.47	

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192744/5	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6772.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2120	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2120				
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)	84	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192744/3	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6769.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2025	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2025				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192744/4	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6770.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2043	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2043				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	98	95	25 - 141	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192744/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192744/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2013 2025			Analysis Date:	09/23/2013 2043
Prep Date:	09/23/2013 2025			Prep Date:	09/23/2013 2043
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.90	4.76

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46737-B-2 MS	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6775.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2341			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2341				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46737-B-2 MSD	Analysis Batch:	280-192744	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6776.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/23/2013 2358			Final Weight/Volume:	20 mL
Prep Date:	09/23/2013 2358				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	101	97	25 - 141	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84	89	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192744

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46737-B-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-46737-B-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/23/2013 2341			Analysis Date:	09/23/2013 2358
Prep Date:	09/23/2013 2341			Prep Date:	09/23/2013 2358
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	5.04	4.87

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192767/5	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6800.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0829	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0829				
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)	81	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192767/3	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6797.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0737	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0737				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192767/4	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6798.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 0754	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 0754				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	95	97	25 - 141	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	81	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192767/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192767/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 0737			Analysis Date:	09/24/2013 0754
Prep Date:	09/24/2013 0737			Prep Date:	09/24/2013 0754
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.73	4.83

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46761-2	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6806.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1036			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1036				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46761-2	Analysis Batch:	280-192767	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6807.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 1053			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 1053				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	90	82	25 - 141	7	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	89	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192767

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46761-2	Units:	ug/L	MSD Lab Sample ID:	280-46761-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 1036			Analysis Date:	09/24/2013 1053
Prep Date:	09/24/2013 1036			Prep Date:	09/24/2013 1053
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	1.9	5.00	5.00	6.45	6.03

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192931/5	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6828.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2059	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2059				
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)	83	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192931/3	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6825.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2006	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2006				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192931/4	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6826.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2024	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2024				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	103	97	25 - 141	6	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192931/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192931/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 2006			Analysis Date:	09/24/2013 2024
Prep Date:	09/24/2013 2006			Prep Date:	09/24/2013 2024
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.17	4.85

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46962-D-2 MS	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6831.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2153			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2153				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46962-D-2 MSD	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6832.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2211			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2211				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	112	111	25 - 141	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46962-D-2 MS	Units:	ug/L	MSD Lab Sample ID:	280-46962-D-2 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 2153			Analysis Date:	09/24/2013 2211
Prep Date:	09/24/2013 2153			Prep Date:	09/24/2013 2211
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	5.60	5.56

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Method Blank - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-193351/5	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6890.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2253	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2253				
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/
Lab Control Sample Duplicate Recovery Report - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193351/3	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6887.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2201	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2201				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-193351/4	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2218	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2218				
Leach Date:	N/A				

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

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	99	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193351/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-193351/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2013 2201			Analysis Date:	09/26/2013 2218
Prep Date:	09/26/2013 2201			Prep Date:	09/26/2013 2218
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.47	4.44

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46965-C-7 MS	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6895.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0021			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0021				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46965-C-7 MSD	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6896.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0039			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0039				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	102	109	25 - 141	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	104	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46965-C-7 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/27/2013 0021		
Prep Date:	09/27/2013 0021		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46965-C-7 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/27/2013 0039
Prep Date:	09/27/2013 0039
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	4.1	5.00	5.00	9.23	9.55

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-192744					
LCS 280-192744/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192744/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192744/5	Method Blank	T	Water	8260B SIM	
280-46737-B-2 MS	Matrix Spike	T	Water	8260B SIM	
280-46737-B-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-46761-6	PIN12-0554A	T	Water	8260B SIM	
280-46761-7	PIN12-0554B	T	Water	8260B SIM	
280-46761-9	PIN12-0555C	T	Water	8260B SIM	
280-46761-10	PIN12-0580-1	T	Water	8260B SIM	
Analysis Batch:280-192767					
LCS 280-192767/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192767/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192767/5	Method Blank	T	Water	8260B SIM	
280-46761-1	PIN12-0524	T	Water	8260B SIM	
280-46761-2	PIN12-0525	T	Water	8260B SIM	
280-46761-2MS	Matrix Spike	T	Water	8260B SIM	
280-46761-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-46761-8	PIN12-0554C	T	Water	8260B SIM	
280-46761-11	PIN12-0580-2	T	Water	8260B SIM	
280-46761-12	PIN12-0580-3	T	Water	8260B SIM	
280-46761-16	PIN12-0585-1	T	Water	8260B SIM	
280-46761-17	PIN12-0585-2	T	Water	8260B SIM	
280-46761-19	PIN12-2451	T	Water	8260B SIM	
280-46761-21	PIN12-S70B	T	Water	8260B SIM	
280-46761-22	PIN12-S70C	T	Water	8260B SIM	
280-46761-23	PIN12-S70D	T	Water	8260B SIM	
Analysis Batch:280-192931					
LCS 280-192931/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192931/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192931/5	Method Blank	T	Water	8260B SIM	
280-46761-3	PIN12-0541	T	Water	8260B SIM	
280-46761-4	PIN12-0542	T	Water	8260B SIM	
280-46761-5	PIN12-0549	T	Water	8260B SIM	
280-46761-13	PIN12-0581-1	T	Water	8260B SIM	
280-46761-15	PIN12-0581-3	T	Water	8260B SIM	
280-46761-24	PIN12-S71B	T	Water	8260B SIM	
280-46761-26	PIN12-S71D	T	Water	8260B SIM	
280-46962-D-2 MS	Matrix Spike	T	Water	8260B SIM	
280-46962-D-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-192961					
LCS 280-192961/6	Lab Control Sample	T	Water	8260B	
MB 280-192961/8	Method Blank	T	Water	8260B	
280-46761-21	PIN12-S70B	T	Water	8260B	
280-46761-22	PIN12-S70C	T	Water	8260B	
280-46761-23	PIN12-S70D	T	Water	8260B	
280-46765-J-5 MS	Matrix Spike	T	Water	8260B	
280-46765-J-5 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-192962					
LCS 280-192962/4	Lab Control Sample	T	Water	8260B	
MB 280-192962/5	Method Blank	T	Water	8260B	
280-46761-1	PIN12-0524	T	Water	8260B	
280-46761-1DL	PIN12-0524	T	Water	8260B	
280-46761-1MS	Matrix Spike	T	Water	8260B	
280-46761-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-46761-2	PIN12-0525	T	Water	8260B	
280-46761-3	PIN12-0541	T	Water	8260B	
280-46761-4	PIN12-0542	T	Water	8260B	
280-46761-5	PIN12-0549	T	Water	8260B	
280-46761-6	PIN12-0554A	T	Water	8260B	
280-46761-7	PIN12-0554B	T	Water	8260B	
280-46761-8	PIN12-0554C	T	Water	8260B	
280-46761-9	PIN12-0555C	T	Water	8260B	
280-46761-10	PIN12-0580-1	T	Water	8260B	
280-46761-11	PIN12-0580-2	T	Water	8260B	
280-46761-12	PIN12-0580-3	T	Water	8260B	
280-46761-13	PIN12-0581-1	T	Water	8260B	
280-46761-14	PIN12-0581-2	T	Water	8260B	
280-46761-15	PIN12-0581-3	T	Water	8260B	
280-46761-16	PIN12-0585-1	T	Water	8260B	
280-46761-17	PIN12-0585-2	T	Water	8260B	
280-46761-17DL	PIN12-0585-2	T	Water	8260B	
280-46761-18	PIN99-2202	T	Water	8260B	
280-46761-19	PIN12-2451	T	Water	8260B	
280-46761-20	PIN12-2452	T	Water	8260B	
Analysis Batch:280-192990					
LCS 280-192990/4	Lab Control Sample	T	Water	8260B	
MB 280-192990/5	Method Blank	T	Water	8260B	
280-46761-24	PIN12-S71B	T	Water	8260B	
280-46761-25	PIN12-S71C	T	Water	8260B	
280-46761-26	PIN12-S71D	T	Water	8260B	
280-46789-D-1 MS	Matrix Spike	T	Water	8260B	
280-46789-D-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Client: S.M. Stoller Corporation

Job Number: 280-46761-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-193157					
LCS 280-193157/4	Lab Control Sample	T	Water	8260B	
MB 280-193157/5	Method Blank	T	Water	8260B	
280-46761-25DL	PIN12-S71C	T	Water	8260B	
280-46839-J-9 MS	Matrix Spike	T	Water	8260B	
280-46839-J-9 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-193159					
LCS 280-193159/4	Lab Control Sample	T	Water	8260B	
MB 280-193159/5	Method Blank	T	Water	8260B	
280-46761-8DL	PIN12-0554C	T	Water	8260B	
280-46761-11DL	PIN12-0580-2	T	Water	8260B	
280-46761-19DL	PIN12-2451	T	Water	8260B	
280-46868-I-13 MS	Matrix Spike	T	Water	8260B	
280-46868-I-13 MSD	Matrix Spike Duplicate	T	Water	8260B	
Analysis Batch:280-193351					
LCS 280-193351/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-193351/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-193351/5	Method Blank	T	Water	8260B SIM	
280-46761-14	PIN12-0581-2	T	Water	8260B SIM	
280-46761-20	PIN12-2452	T	Water	8260B SIM	
280-46761-25	PIN12-S71C	T	Water	8260B SIM	
280-46965-C-7 MS	Matrix Spike	T	Water	8260B SIM	
280-46965-C-7 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Report Basis
T = Total

ANALYTICAL REPORT

Job Number: 280-46962-1

SDG Number: 13085578

Job Description: PINELLAS MONITORING

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

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
10/7/2013 2:13 PM

Kae E Yoder, Project Manager II
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0190
kae.yoder@testamericainc.com
10/07/2013

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

The Lab Certification ID# is E87667.

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

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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13085578

Report Number: 280-46962-1

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 9/20/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4º C and 0.7º 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 samples. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

The MS aliquot of the MS/MSD performed on sample PIN12-0574-1 (LJU 906) in batch 280-193323 exhibited a surrogate recovery outside the control limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The accuracy and precision of Trichloroethene in the MS/MSD associated with batch 280-193521 could not be reliably evaluated, as the concentration present in the parent sample was 4 times greater than the matrix spike concentration. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were encountered.

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

No anomalies were encountered.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	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: 280-46962-1
Sdg Number: 13085578

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-46962-1	PIN12-0574-1	Water	09/17/2013 1000	09/20/2013 0900
280-46962-1MS	PIN12-0574-1	Water	09/17/2013 1000	09/20/2013 0900
280-46962-1MSD	PIN12-0574-1	Water	09/17/2013 1000	09/20/2013 0900
280-46962-2	PIN12-0574-2	Water	09/17/2013 1030	09/20/2013 0900
280-46962-2MS	PIN12-0574-2	Water	09/17/2013 1030	09/20/2013 0900
280-46962-2MSD	PIN12-0574-2	Water	09/17/2013 1030	09/20/2013 0900
280-46962-3	PIN12-0574-3	Water	09/17/2013 1115	09/20/2013 0900
280-46962-4	PIN12-0586-1	Water	09/17/2013 1320	09/20/2013 0900
280-46962-5	PIN12-0586-2	Water	09/17/2013 1400	09/20/2013 0900
280-46962-6	PIN12-0586-3	Water	09/17/2013 1430	09/20/2013 0900
280-46962-7	PIN12-0587-1	Water	09/17/2013 1510	09/20/2013 0900
280-46962-8	PIN12-0587-2	Water	09/17/2013 1540	09/20/2013 0900
280-46962-9	PIN12-0587-3	Water	09/18/2013 0840	09/20/2013 0900
280-46962-10	PIN12-0588-1	Water	09/18/2013 0935	09/20/2013 0900
280-46962-11	PIN12-0588-2	Water	09/18/2013 1020	09/20/2013 0900
280-46962-12	PIN12-0588-3	Water	09/18/2013 1105	09/20/2013 0900
280-46962-13	PIN12-2454	Water	09/17/2013 1200	09/20/2013 0900
280-46962-14	PIN12-S68B	Water	09/18/2013 1430	09/20/2013 0900
280-46962-15	PIN12-S68C	Water	09/18/2013 1350	09/20/2013 0900
280-46962-16	PIN12-S68D	Water	09/18/2013 1510	09/20/2013 0900
280-46962-17	PIN99-2523	Water	09/17/2013 0800	09/20/2013 0900

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46962-1	**PIN12-0574-1**					
cis-1,2-Dichloroethene		5.9		1.0	ug/L	8260B
Vinyl chloride		14		1.0	ug/L	8260B
1,4-Dioxane		1.3		1.0	ug/L	8260B SIM
280-46962-2	**PIN12-0574-2**					
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Naphthalene		0.25	J	1.0	ug/L	8260B
Vinyl chloride		26		1.0	ug/L	8260B
280-46962-3	**PIN12-0574-3**					
cis-1,2-Dichloroethene		5.4		1.0	ug/L	8260B
Vinyl chloride		14		1.0	ug/L	8260B
1,4-Dioxane		0.97	J	1.0	ug/L	8260B SIM
280-46962-4	**PIN12-0586-1**					
Acetone		2.4	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.35	J	1.0	ug/L	8260B
Vinyl chloride		0.13	J	1.0	ug/L	8260B
280-46962-5	**PIN12-0586-2**					
1,1-Dichloroethane		0.31	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		10		1.0	ug/L	8260B
1,1-Dichloroethene		0.39	J	1.0	ug/L	8260B
Vinyl chloride		5.6		1.0	ug/L	8260B
1,4-Dioxane		0.91	J	1.0	ug/L	8260B SIM
280-46962-6	**PIN12-0586-3**					
Acetone		2.8	J	10	ug/L	8260B
Carbon disulfide		1.3		1.0	ug/L	8260B
Vinyl chloride		2.9		1.0	ug/L	8260B
280-46962-7	**PIN12-0587-1**					
cis-1,2-Dichloroethene		510		20	ug/L	8260B
trans-1,2-Dichloroethene		4.4		2.0	ug/L	8260B
1,1-Dichloroethene		22		2.0	ug/L	8260B
Vinyl chloride		250		20	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46962-8	**PIN12-0587-2**					
cis-1,2-Dichloroethene		2000		100	ug/L	8260B
trans-1,2-Dichloroethene		11		10	ug/L	8260B
1,1-Dichloroethene		81		10	ug/L	8260B
Vinyl chloride		400		10	ug/L	8260B
1,4-Dioxane		2.6		1.0	ug/L	8260B SIM
280-46962-9	**PIN12-0587-3**					
1,1-Dichloroethane		0.37	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.40	J	1.0	ug/L	8260B
Vinyl chloride		42		1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-46962-10	**PIN12-0588-1**					
Acetone		2.5	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.63	J	1.0	ug/L	8260B
Vinyl chloride		0.57	J	1.0	ug/L	8260B
280-46962-11	**PIN12-0588-2**					
1,1-Dichloroethane		2.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		6.2		1.0	ug/L	8260B
Vinyl chloride		7.8		1.0	ug/L	8260B
1,4-Dioxane		6.7		1.0	ug/L	8260B SIM
280-46962-12	**PIN12-0588-3**					
Acetone		3.3	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260B
Vinyl chloride		2.4		1.0	ug/L	8260B
280-46962-13	**PIN12-2454**					
cis-1,2-Dichloroethene		1700		100	ug/L	8260B
trans-1,2-Dichloroethene		10		10	ug/L	8260B
1,1-Dichloroethene		67		10	ug/L	8260B
Vinyl chloride		390		10	ug/L	8260B
1,4-Dioxane		2.9		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46962-15	**PIN12-S68C**					
1,1-Dichloroethane		2.1		1.0	ug/L	8260B
cis-1,2-Dichloroethene		22		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260B
Vinyl chloride		16		1.0	ug/L	8260B
1,4-Dioxane		4.9		1.0	ug/L	8260B SIM
280-46962-16	**PIN12-S68D**					
Benzene		0.43	J	1.0	ug/L	8260B
1,1-Dichloroethane		0.84	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		70		2.0	ug/L	8260B
trans-1,2-Dichloroethene		0.92	J	1.0	ug/L	8260B
Vinyl chloride		52		1.0	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-46962-17	**PIN99-2523**					
Methylene Chloride		1.8		1.0	ug/L	8260B

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

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: 280-46962-1
Sdg Number: 13085578

Method	Analyst	Analyst ID
SW846 8260B	Thompson, Lee W	LWT
SW846 8260B SIM	Moan, Matthew R	MRM
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-46962-1
Client Matrix: Water

Date Sampled: 09/17/2013 1000
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8683.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1955			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1955				

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	5.9		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-46962-1
Client Matrix: Water

Date Sampled: 09/17/2013 1000
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8683.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1955			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1955				

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)	94		70 - 127
Toluene-d8 (Surr)	84		80 - 125
4-Bromofluorobenzene (Surr)	84		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-46962-2
Client Matrix: Water

Date Sampled: 09/17/2013 1030
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8687.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2119			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2119				

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	13		0.15	1.0
trans-1,2-Dichloroethene	0.20	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	0.25	J	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-46962-2
Client Matrix: Water

Date Sampled: 09/17/2013 1030
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8687.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2119			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 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	26		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)	88		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-46962-3
Client Matrix: Water

Date Sampled: 09/17/2013 1115
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8688.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2141			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2141				

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	5.4		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-46962-3
Client Matrix: Water

Date Sampled: 09/17/2013 1115
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8688.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2141			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2141				

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)	101		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-46962-4
Client Matrix: Water

Date Sampled: 09/17/2013 1320
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8689.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2202			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2202				

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	0.22	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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-46962-4
Client Matrix: Water

Date Sampled: 09/17/2013 1320
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8689.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2202			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2202				

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	0.13	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)	100		70 - 127
Toluene-d8 (Surr)	87		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-46962-5
Client Matrix: Water

Date Sampled: 09/17/2013 1400
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8690.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2223			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2223				

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	0.31	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	10		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.39	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-46962-5
Client Matrix: Water

Date Sampled: 09/17/2013 1400
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8690.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2223			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2223				

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	5.6		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)	104		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-46962-6
Client Matrix: Water

Date Sampled: 09/17/2013 1430
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8691.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2244			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2244				

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	1.3		0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-46962-6
Client Matrix: Water

Date Sampled: 09/17/2013 1430
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8691.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2244			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2244				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	2.9		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	85		80 - 125
4-Bromofluorobenzene (Surr)	86		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-46962-7
Client Matrix: Water

Date Sampled: 09/17/2013 1510
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8692.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/26/2013 2305			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2305				

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	4.4		0.30	2.0
1,1-Dichloroethene	22		0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0
Styrene	0.34	U	0.34	2.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-46962-7
Client Matrix: Water

Date Sampled: 09/17/2013 1510
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8692.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/26/2013 2305			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2305				

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)	103		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-46962-7
Client Matrix: Water

Date Sampled: 09/17/2013 1510
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8693.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2013 2326	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2326				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	510		3.0	20
Vinyl chloride	250		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-46962-8
Client Matrix: Water

Date Sampled: 09/17/2013 1540
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8694.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/26/2013 2347			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2347				

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	11		1.5	10
1,1-Dichloroethene	81		2.3	10
1,2-Dichloropropane	1.8	U	1.8	10
1,3-Dichloropropane	2.2	U	2.2	10
2,2-Dichloropropane	1.8	U	1.8	10
cis-1,3-Dichloropropene	1.6	U	1.6	10
trans-1,3-Dichloropropene	1.9	U	1.9	10
1,1-Dichloropropene	1.9	U	1.9	10
Ethylbenzene	1.6	U	1.6	10
Hexachlorobutadiene	3.6	U	3.6	10
2-Hexanone	17	U	17	50
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	2.0	U	2.0	10
Methylene Chloride	3.2	U	3.2	10
4-Methyl-2-pentanone	9.8	U	9.8	50
Naphthalene	2.2	U	2.2	10
n-Propylbenzene	1.6	U	1.6	10
Styrene	1.7	U	1.7	10

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-46962-8
Client Matrix: Water

Date Sampled: 09/17/2013 1540
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8694.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/26/2013 2347			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2347				

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	1.6	U	1.6	10
Trichlorofluoromethane	2.9	U	2.9	10
1,2,3-Trichloropropane	3.3	U	3.3	10
1,2,4-Trimethylbenzene	1.5	U	1.5	10
1,3,5-Trimethylbenzene	1.6	U	1.6	10
Vinyl chloride	400		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)	94		70 - 127
Toluene-d8 (Surr)	84		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-46962-8
Client Matrix: Water

Date Sampled: 09/17/2013 1540
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8695.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	09/27/2013 0008	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0008				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	2000		15	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-46962-9
Client Matrix: Water

Date Sampled: 09/18/2013 0840
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8696.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0029			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0029				

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	0.37	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.40	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-46962-9
Client Matrix: Water

Date Sampled: 09/18/2013 0840
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8696.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0029			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0029				

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	42		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)	89		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-46962-10
Client Matrix: Water

Date Sampled: 09/18/2013 0935
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8698.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0112			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0112				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.63	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-46962-10
Client Matrix: Water

Date Sampled: 09/18/2013 0935
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8698.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0112			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0112				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	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	0.57	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)	88		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-46962-11
Client Matrix: Water

Date Sampled: 09/18/2013 1020
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8699.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0133			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0133				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	6.2		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-46962-11
Client Matrix: Water

Date Sampled: 09/18/2013 1020
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8699.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0133			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0133				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	7.8		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)	87		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-46962-12
Client Matrix: Water

Date Sampled: 09/18/2013 1105
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8700.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0154			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0154				

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	0.54	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-46962-12
Client Matrix: Water

Date Sampled: 09/18/2013 1105
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8700.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0154			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0154				

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	2.4		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-46962-13
Client Matrix: Water

Date Sampled: 09/17/2013 1200
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8701.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/27/2013 0215			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0215				

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	10		1.5	10
1,1-Dichloroethene	67		2.3	10
1,2-Dichloropropane	1.8	U	1.8	10
1,3-Dichloropropane	2.2	U	2.2	10
2,2-Dichloropropane	1.8	U	1.8	10
cis-1,3-Dichloropropene	1.6	U	1.6	10
trans-1,3-Dichloropropene	1.9	U	1.9	10
1,1-Dichloropropene	1.9	U	1.9	10
Ethylbenzene	1.6	U	1.6	10
Hexachlorobutadiene	3.6	U	3.6	10
2-Hexanone	17	U	17	50
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	2.0	U	2.0	10
Methylene Chloride	3.2	U	3.2	10
4-Methyl-2-pentanone	9.8	U	9.8	50
Naphthalene	2.2	U	2.2	10
n-Propylbenzene	1.6	U	1.6	10
Styrene	1.7	U	1.7	10

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-46962-13
Client Matrix: Water

Date Sampled: 09/17/2013 1200
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8701.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/27/2013 0215			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0215				

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	1.6	U	1.6	10
Trichlorofluoromethane	2.9	U	2.9	10
1,2,3-Trichloropropane	3.3	U	3.3	10
1,2,4-Trimethylbenzene	1.5	U	1.5	10
1,3,5-Trimethylbenzene	1.6	U	1.6	10
Vinyl chloride	390		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)	102		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-46962-13
Client Matrix: Water

Date Sampled: 09/17/2013 1200
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8702.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	09/27/2013 0236	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0236				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	1700		15	100

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-46962-14
Client Matrix: Water

Date Sampled: 09/18/2013 1430
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8703.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0256			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0256				

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-46962-14
Client Matrix: Water

Date Sampled: 09/18/2013 1430
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8703.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0256			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0256				

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)	87		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-46962-15
Client Matrix: Water

Date Sampled: 09/18/2013 1350
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8705.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0338			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.1		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	22		0.15	1.0
trans-1,2-Dichloroethene	0.32	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-46962-15
Client Matrix: Water

Date Sampled: 09/18/2013 1350
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8705.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0338			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0338				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	16		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-46962-16
Client Matrix: Water

Date Sampled: 09/18/2013 1510
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8706.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0359			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0359				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.43	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	0.84	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	0.92	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
Styrene	0.17	U	0.17	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-46962-16
Client Matrix: Water

Date Sampled: 09/18/2013 1510
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8706.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0359			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0359				

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	52		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)	91		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-46962-16
Client Matrix: Water

Date Sampled: 09/18/2013 1510
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193521	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8755.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/27/2013 2132	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 2132				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	70		0.30	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2523**

Lab Sample ID: 280-46962-17
Client Matrix: Water

Date Sampled: 09/17/2013 0800
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8707.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0420			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0420				

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	1.8		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2523**

Lab Sample ID: 280-46962-17
Client Matrix: Water

Date Sampled: 09/17/2013 0800
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R8707.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0420			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0420				

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)	92		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-1**

Lab Sample ID: 280-46962-1
Client Matrix: Water

Date Sampled: 09/17/2013 1000
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6829.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2118			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2118				

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)	78		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-2**

Lab Sample ID: 280-46962-2
Client Matrix: Water

Date Sampled: 09/17/2013 1030
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6830.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2136			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2136				

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)	80		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0574-3**

Lab Sample ID: 280-46962-3
Client Matrix: Water

Date Sampled: 09/17/2013 1115
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6864.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1245			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.97	J	0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-1**

Lab Sample ID: 280-46962-4
Client Matrix: Water

Date Sampled: 09/17/2013 1320
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6865.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1302			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1302				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-2**

Lab Sample ID: 280-46962-5
Client Matrix: Water

Date Sampled: 09/17/2013 1400
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6866.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1320			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1320				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.91	J	0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0586-3**

Lab Sample ID: 280-46962-6
Client Matrix: Water

Date Sampled: 09/17/2013 1430
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6867.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1337			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1337				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-1**

Lab Sample ID: 280-46962-7
Client Matrix: Water

Date Sampled: 09/17/2013 1510
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6868.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1355			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1355				

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-2**

Lab Sample ID: 280-46962-8
Client Matrix: Water

Date Sampled: 09/17/2013 1540
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6869.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1412			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1412				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.6		0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0587-3**

Lab Sample ID: 280-46962-9
Client Matrix: Water

Date Sampled: 09/18/2013 0840
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6870.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1430			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1430				

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)	102		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-1**

Lab Sample ID: 280-46962-10
Client Matrix: Water

Date Sampled: 09/18/2013 0935
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6871.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1447			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1447				

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-2**

Lab Sample ID: 280-46962-11
Client Matrix: Water

Date Sampled: 09/18/2013 1020
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6872.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1505			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1505				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.7		0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0588-3**

Lab Sample ID: 280-46962-12
Client Matrix: Water

Date Sampled: 09/18/2013 1105
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6873.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1522			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1522				

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)	105		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2454**

Lab Sample ID: 280-46962-13
Client Matrix: Water

Date Sampled: 09/17/2013 1200
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6874.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1540			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.9		0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68B**

Lab Sample ID: 280-46962-14
Client Matrix: Water

Date Sampled: 09/18/2013 1430
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6875.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1557			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1557				

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68C**

Lab Sample ID: 280-46962-15
Client Matrix: Water

Date Sampled: 09/18/2013 1350
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6876.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1615			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1615				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.9		0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S68D**

Lab Sample ID: 280-46962-16
Client Matrix: Water

Date Sampled: 09/18/2013 1510
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6877.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1633			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1633				

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)	100		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

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
280-46962-1	PIN12-0574-1	92	94	84	84
280-46962-2	PIN12-0574-2	98	99	88	89
280-46962-3	PIN12-0574-3	98	101	88	89
280-46962-4	PIN12-0586-1	98	100	87	89
280-46962-5	PIN12-0586-2	102	104	91	91
280-46962-6	PIN12-0586-3	96	98	85	86
280-46962-7	PIN12-0587-1	103	103	92	91
280-46962-7 DL	PIN12-0587-1 DL	99	98	88	89
280-46962-8	PIN12-0587-2	95	94	84	85
280-46962-8 DL	PIN12-0587-2 DL	104	104	92	90
280-46962-9	PIN12-0587-3	105	109	89	95
280-46962-10	PIN12-0588-1	103	103	88	91
280-46962-11	PIN12-0588-2	103	105	87	90
280-46962-12	PIN12-0588-3	104	105	90	93
280-46962-13	PIN12-2454	103	102	89	91
280-46962-13 DL	PIN12-2454 DL	103	105	89	90
280-46962-14	PIN12-S68B	104	108	87	92
280-46962-15	PIN12-S68C	106	108	90	96
280-46962-16	PIN12-S68D	105	108	91	95
280-46962-16 DL	PIN12-S68D DL	104	105	93	97
280-46962-17	PIN99-2523	102	104	92	91
MB 280-193323/5		98	99	89	90
MB 280-193521/5		101	102	94	93
LCS 280-193323/4		96	96	91	82
LCS 280-193521/4		98	102	93	83
280-46962-1 MS	PIN12-0574-1 MS	92	92	84	76X
280-46983-A-5 MS		97	99	91	83
280-46962-1 MSD	PIN12-0574-1 MSD	95	99	89	81
280-46983-A-5 MSD		91	94	89	80

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-46962-1	PIN12-0574-1	78
280-46962-2	PIN12-0574-2	80
280-46962-3	PIN12-0574-3	97
280-46962-4	PIN12-0586-1	96
280-46962-5	PIN12-0586-2	95
280-46962-6	PIN12-0586-3	101
280-46962-7	PIN12-0587-1	95
280-46962-8	PIN12-0587-2	103
280-46962-9	PIN12-0587-3	102
280-46962-10	PIN12-0588-1	93
280-46962-11	PIN12-0588-2	92
280-46962-12	PIN12-0588-3	105
280-46962-13	PIN12-2454	100
280-46962-14	PIN12-S68B	90
280-46962-15	PIN12-S68C	93
280-46962-16	PIN12-S68D	100
MB 280-192931/5		83
MB 280-193190/5		92
LCS 280-192931/3		88
LCS 280-193190/3		92
LCSD 280-192931/4		84
LCSD 280-193190/4		95
280-46962-2 MS	PIN12-0574-2 MS	87
280-46965-A-2 MS		94
280-46962-2 MSD	PIN12-0574-2 MSD	84
280-46965-A-2 MSD		100

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Method Blank - Batch: 280-193323

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193323/5	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8682.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1934	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1934				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Method Blank - Batch: 280-193323

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193323/5	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8682.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1934	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1934				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	70 - 127
Toluene-d8 (Surr)	89	80 - 125
4-Bromofluorobenzene (Surr)	90	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-193323

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-193323/4	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8686.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2058	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2058				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.67	93	74 - 135	
Bromodichloromethane	5.00	4.55	91	73 - 135	
Carbon tetrachloride	5.00	4.99	100	67 - 135	
Chlorobenzene	5.00	4.61	92	76 - 135	
Chloroform	5.00	4.83	97	76 - 120	
1,3-Dichlorobenzene	5.00	4.60	92	74 - 135	
1,1-Dichloroethane	5.00	5.04	101	75 - 135	
trans-1,2-Dichloroethene	5.00	4.79	96	75 - 135	
1,1-Dichloroethene	5.00	4.73	95	71 - 136	
1,2-Dichloropropane	5.00	4.84	97	71 - 120	
Ethylbenzene	5.00	4.61	92	72 - 120	
Methylene Chloride	5.00	4.77	95	54 - 141	
Tetrachloroethene	5.00	4.60	92	70 - 135	
Toluene	5.00	4.95	99	73 - 120	
1,1,1-Trichloroethane	5.00	4.98	100	70 - 135	
Trichloroethene	5.00	4.73	95	73 - 135	

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193323

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46962-1	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8684.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2016			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2016				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46962-1	Analysis Batch:	280-193323	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8685.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2037			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2037				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	90	93	74 - 135	4	20		
Bromodichloromethane	89	92	73 - 135	4	20		
Carbon tetrachloride	96	98	67 - 135	2	21		
Chlorobenzene	88	91	76 - 135	4	20		
Chloroform	93	96	76 - 120	3	20		
1,3-Dichlorobenzene	85	89	74 - 135	4	20		
1,1-Dichloroethane	97	101	75 - 135	4	21		
trans-1,2-Dichloroethene	93	98	75 - 135	5	24		
1,1-Dichloroethene	88	92	71 - 136	4	20		
1,2-Dichloropropane	94	97	71 - 120	3	20		
Ethylbenzene	89	90	72 - 120	2	26		
Methylene Chloride	84	89	54 - 141	6	20		
Tetrachloroethene	87	90	70 - 135	3	20		
Toluene	95	97	73 - 120	2	20		
1,1,1-Trichloroethane	95	98	70 - 135	2	20		
Trichloroethene	89	93	73 - 135	4	20		

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		99	70 - 127
Toluene-d8 (Surr)	84		89	80 - 125
4-Bromofluorobenzene (Surr)	76	X	81	78 - 120
Dibromofluoromethane (Surr)	92		95	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193323

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46962-1	Units:	ug/L	MSD Lab Sample ID:	280-46962-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2013 2016			Analysis Date:	09/26/2013 2037
Prep Date:	09/26/2013 2016			Prep Date:	09/26/2013 2037
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.48	4.64
Bromodichloromethane	0.17	U	5.00	5.00	4.44	4.62
Carbon tetrachloride	0.19	U	5.00	5.00	4.80	4.92
Chlorobenzene	0.17	U	5.00	5.00	4.39	4.56
Chloroform	0.16	U	5.00	5.00	4.66	4.80
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.27	4.43
1,1-Dichloroethane	0.22	U	5.00	5.00	4.84	5.04
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.66	4.88
1,1-Dichloroethene	0.23	U	5.00	5.00	4.42	4.58
1,2-Dichloropropane	0.18	U	5.00	5.00	4.71	4.85
Ethylbenzene	0.16	U	5.00	5.00	4.44	4.52
Methylene Chloride	0.32	U	5.00	5.00	4.21	4.47
Tetrachloroethene	0.20	U	5.00	5.00	4.36	4.51
Toluene	0.17	U	5.00	5.00	4.77	4.87
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.77	4.89
Trichloroethene	0.16	U	5.00	5.00	4.47	4.64

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Method Blank - Batch: 280-193521

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193521/5	Analysis Batch:	280-193521	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8754.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 2111	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 2111				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Method Blank - Batch: 280-193521

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193521/5	Analysis Batch:	280-193521	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8754.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 2111	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 2111				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 127
Toluene-d8 (Surr)	94	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	101	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-193521

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-193521/4	Analysis Batch:	280-193521	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8753.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 2051	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 2051				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.56	91	74 - 135	
Bromodichloromethane	5.00	4.56	91	73 - 135	
Carbon tetrachloride	5.00	5.24	105	67 - 135	
Chlorobenzene	5.00	4.50	90	76 - 135	
Chloroform	5.00	4.84	97	76 - 120	
1,3-Dichlorobenzene	5.00	4.45	89	74 - 135	
1,1-Dichloroethane	5.00	5.04	101	75 - 135	
trans-1,2-Dichloroethene	5.00	4.68	94	75 - 135	
1,1-Dichloroethene	5.00	4.88	98	71 - 136	
1,2-Dichloropropane	5.00	4.78	96	71 - 120	
Ethylbenzene	5.00	4.56	91	72 - 120	
Methylene Chloride	5.00	4.55	91	54 - 141	
Tetrachloroethene	5.00	4.47	89	70 - 135	
Toluene	5.00	4.88	98	73 - 120	
1,1,1-Trichloroethane	5.00	5.16	103	70 - 135	
Trichloroethene	5.00	4.61	92	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 127
Toluene-d8 (Surr)	93	80 - 125
4-Bromofluorobenzene (Surr)	83	78 - 120
Dibromofluoromethane (Surr)	98	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193521

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46983-A-5 MS	Analysis Batch:	280-193521	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8757.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/27/2013 2214			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 2214				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46983-A-5 MSD	Analysis Batch:	280-193521	Instrument ID:	VMS_R1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	R8758.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.5 mL
Analysis Date:	09/27/2013 2234			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 2234				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	91	87	74 - 135	5	20		
Bromodichloromethane	90	85	73 - 135	6	20		
Carbon tetrachloride	102	97	67 - 135	6	21		
Chlorobenzene	88	86	76 - 135	2	20		
Chloroform	97	92	76 - 120	5	20		
1,3-Dichlorobenzene	88	84	74 - 135	5	20		
1,1-Dichloroethane	103	98	75 - 135	5	21		
trans-1,2-Dichloroethene	93	88	75 - 135	5	24		
1,1-Dichloroethene	97	94	71 - 136	4	20		
1,2-Dichloropropane	95	91	71 - 120	4	20		
Ethylbenzene	89	86	72 - 120	3	26		
Methylene Chloride	87	83	54 - 141	5	20		
Tetrachloroethene	91	89	70 - 135	2	20		
Toluene	96	92	73 - 120	4	20		
1,1,1-Trichloroethane	101	96	70 - 135	5	20		
Trichloroethene	53	25	73 - 135	6	20	4	4

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	94	70 - 127
Toluene-d8 (Surr)	91	89	80 - 125
4-Bromofluorobenzene (Surr)	83	80	78 - 120
Dibromofluoromethane (Surr)	97	91	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193521

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46983-A-5 MS	Units:	ug/L	MSD Lab Sample ID:	280-46983-A-5 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/27/2013 2214			Analysis Date:	09/27/2013 2234
Prep Date:	09/27/2013 2214			Prep Date:	09/27/2013 2234
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Benzene	6.4	U	200	200	183		174	
Bromodichloromethane	6.8	U	200	200	180		170	
Carbon tetrachloride	7.6	U	200	200	205		194	
Chlorobenzene	6.8	U	200	200	175		172	
Chloroform	6.4	U	200	200	193		185	
1,3-Dichlorobenzene	5.2	U	200	200	177		168	
1,1-Dichloroethane	8.8	U	200	200	206		196	
trans-1,2-Dichloroethene	6.0	U	200	200	186		177	
1,1-Dichloroethene	9.2	U	200	200	194		187	
1,2-Dichloropropane	7.2	U	200	200	189		183	
Ethylbenzene	6.4	U	200	200	178		173	
Methylene Chloride	13	U	200	200	174		166	
Tetrachloroethene	8.0	U	200	200	181		178	
Toluene	6.8	U	200	200	192		184	
1,1,1-Trichloroethane	6.4	U	200	200	203		193	
Trichloroethene	880		200	200	989	4	933	4

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Method Blank - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-192931/5	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6828.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2059	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2059				
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)	83	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192931/3	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6825.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2006	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2006				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-192931/4	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6826.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2024	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2024				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	103	97	25 - 141	6	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-192931/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-192931/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 2006			Analysis Date:	09/24/2013 2024
Prep Date:	09/24/2013 2006			Prep Date:	09/24/2013 2024
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	5.17	4.85

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46962-2	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6831.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2153			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2153				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46962-2	Analysis Batch:	280-192931	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6832.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/24/2013 2211			Final Weight/Volume:	20 mL
Prep Date:	09/24/2013 2211				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	112	111	25 - 141	1	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	87	84	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-192931

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46962-2	Units:	ug/L	MSD Lab Sample ID:	280-46962-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/24/2013 2153			Analysis Date:	09/24/2013 2211
Prep Date:	09/24/2013 2153			Prep Date:	09/24/2013 2211
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	5.60	5.56

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Method Blank - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-193190/5	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6854.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0944	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0944				
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)	92	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193190/3	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6852.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0909	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0909				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-193190/4	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6853.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0926	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0926				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	86	87	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193190/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-193190/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2013 0909			Analysis Date:	09/26/2013 0926
Prep Date:	09/26/2013 0909			Prep Date:	09/26/2013 0926
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.31	4.33

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46965-A-2 MS	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6862.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2013 1210			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1210				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46965-A-2 MSD	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6863.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2013 1227			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1227				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	127	109	25 - 141	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	100	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46965-A-2 MS	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/26/2013 1210		
Prep Date:	09/26/2013 1210		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46965-A-2 MSD
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/26/2013 1227
Prep Date:	09/26/2013 1227
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	260	100	100	392	374

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-192931					
LCS 280-192931/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-192931/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-192931/5	Method Blank	T	Water	8260B SIM	
280-46962-1	PIN12-0574-1	T	Water	8260B SIM	
280-46962-2	PIN12-0574-2	T	Water	8260B SIM	
280-46962-2MS	Matrix Spike	T	Water	8260B SIM	
280-46962-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
Analysis Batch:280-193190					
LCS 280-193190/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-193190/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-193190/5	Method Blank	T	Water	8260B SIM	
280-46962-3	PIN12-0574-3	T	Water	8260B SIM	
280-46962-4	PIN12-0586-1	T	Water	8260B SIM	
280-46962-5	PIN12-0586-2	T	Water	8260B SIM	
280-46962-6	PIN12-0586-3	T	Water	8260B SIM	
280-46962-7	PIN12-0587-1	T	Water	8260B SIM	
280-46962-8	PIN12-0587-2	T	Water	8260B SIM	
280-46962-9	PIN12-0587-3	T	Water	8260B SIM	
280-46962-10	PIN12-0588-1	T	Water	8260B SIM	
280-46962-11	PIN12-0588-2	T	Water	8260B SIM	
280-46962-12	PIN12-0588-3	T	Water	8260B SIM	
280-46962-13	PIN12-2454	T	Water	8260B SIM	
280-46962-14	PIN12-S68B	T	Water	8260B SIM	
280-46962-15	PIN12-S68C	T	Water	8260B SIM	
280-46962-16	PIN12-S68D	T	Water	8260B SIM	
280-46965-A-2 MS	Matrix Spike	T	Water	8260B SIM	
280-46965-A-2 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-46962-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-193323					
LCS 280-193323/4	Lab Control Sample	T	Water	8260B	
MB 280-193323/5	Method Blank	T	Water	8260B	
280-46962-1	PIN12-0574-1	T	Water	8260B	
280-46962-1MS	Matrix Spike	T	Water	8260B	
280-46962-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-46962-2	PIN12-0574-2	T	Water	8260B	
280-46962-3	PIN12-0574-3	T	Water	8260B	
280-46962-4	PIN12-0586-1	T	Water	8260B	
280-46962-5	PIN12-0586-2	T	Water	8260B	
280-46962-6	PIN12-0586-3	T	Water	8260B	
280-46962-7	PIN12-0587-1	T	Water	8260B	
280-46962-7DL	PIN12-0587-1	T	Water	8260B	
280-46962-8	PIN12-0587-2	T	Water	8260B	
280-46962-8DL	PIN12-0587-2	T	Water	8260B	
280-46962-9	PIN12-0587-3	T	Water	8260B	
280-46962-10	PIN12-0588-1	T	Water	8260B	
280-46962-11	PIN12-0588-2	T	Water	8260B	
280-46962-12	PIN12-0588-3	T	Water	8260B	
280-46962-13	PIN12-2454	T	Water	8260B	
280-46962-13DL	PIN12-2454	T	Water	8260B	
280-46962-14	PIN12-S68B	T	Water	8260B	
280-46962-15	PIN12-S68C	T	Water	8260B	
280-46962-16	PIN12-S68D	T	Water	8260B	
280-46962-17	PIN99-2523	T	Water	8260B	
Analysis Batch:280-193521					
LCS 280-193521/4	Lab Control Sample	T	Water	8260B	
MB 280-193521/5	Method Blank	T	Water	8260B	
280-46962-16DL	PIN12-S68D	T	Water	8260B	
280-46983-A-5 MS	Matrix Spike	T	Water	8260B	
280-46983-A-5 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis
T = Total

ANALYTICAL REPORT

Job Number: 280-46965-1

SDG Number: 13085578

Job Description: PINELLAS MONITORING

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

Attention: Mr. Steve Donivan

Approved for release.
Kae E Yoder
Project Manager II
10/7/2013 4:08 PM

Kae E Yoder, Project Manager II
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10/07/2013

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

The Lab Certification ID# is E87667.

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

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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 13085578

Report Number: 280-46965-1

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 9/20/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 0.4º C and 0.7º 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 samples. The reporting limits have been elevated accordingly. To provide the lowest possible detection limits, multiple runs are reported where available.

1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene were detected in the method blank associated with batch 280-193341 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.

No other anomalies were encountered.

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

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

The internal standard (ISTD) response for Fluorobenzene in sample PIN12-0582-3 (LJU 878) was outside acceptance criteria. This ISTD is 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: 280-46965-1
Sdg Number: 13085578

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.
	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: 280-46965-1
Sdg Number: 13085578

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-46965-1	PIN12-0539	Water	09/17/2013 0927	09/20/2013 0900
280-46965-1MS	PIN12-0539	Water	09/17/2013 0927	09/20/2013 0900
280-46965-1MSD	PIN12-0539	Water	09/17/2013 0927	09/20/2013 0900
280-46965-2	PIN12-0540	Water	09/17/2013 1002	09/20/2013 0900
280-46965-2MS	PIN12-0540	Water	09/17/2013 1002	09/20/2013 0900
280-46965-2MSD	PIN12-0540	Water	09/17/2013 1002	09/20/2013 0900
280-46965-3	PIN12-0582-1	Water	09/17/2013 1037	09/20/2013 0900
280-46965-4	PIN12-0582-2	Water	09/17/2013 1115	09/20/2013 0900
280-46965-5	PIN12-0582-3	Water	09/17/2013 1248	09/20/2013 0900
280-46965-6	PIN12-0583-1	Water	09/18/2013 0859	09/20/2013 0900
280-46965-7	PIN12-0583-2	Water	09/18/2013 0923	09/20/2013 0900
280-46965-8	PIN12-0583-3	Water	09/18/2013 0952	09/20/2013 0900
280-46965-9	PIN99-2203	Water	09/17/2013 0830	09/20/2013 0900
280-46965-10	PIN12-2453	Water	09/17/2013 1100	09/20/2013 0900
280-46965-11	PIN12-S69B	Water	09/18/2013 1034	09/20/2013 0900
280-46965-12	PIN12-S69C	Water	09/18/2013 1334	09/20/2013 0900
280-46965-13	PIN12-S69D	Water	09/18/2013 1405	09/20/2013 0900
280-46965-14	PIN12-S73B	Water	09/17/2013 1438	09/20/2013 0900
280-46965-15	PIN12-S73C	Water	09/17/2013 1514	09/20/2013 0900
280-46965-16	PIN12-S73D	Water	09/17/2013 1635	09/20/2013 0900

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46965-1	**PIN12-0539**					
Acetone		4.9	J	10	ug/L	8260B
1,1-Dichloroethane		0.32	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.72	J	1.0	ug/L	8260B
Vinyl chloride		6.7		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-46965-2	**PIN12-0540**					
Acetone		10	J	20	ug/L	8260B
1,1-Dichloroethane		22		2.0	ug/L	8260B
cis-1,2-Dichloroethene		21		2.0	ug/L	8260B
trans-1,2-Dichloroethene		14		2.0	ug/L	8260B
1,1-Dichloroethene		0.53	J	2.0	ug/L	8260B
1,2,3-Trichlorobenzene		0.45	J B	2.0	ug/L	8260B
Vinyl chloride		300		20	ug/L	8260B
1,4-Dioxane		260		20	ug/L	8260B SIM
280-46965-4	**PIN12-0582-2**					
Acetone		8.9	J	10	ug/L	8260B
1,1-Dichloroethane		56		1.0	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		5.3		1.0	ug/L	8260B
1,1-Dichloroethene		0.80	J	1.0	ug/L	8260B
1,2,3-Trichlorobenzene		0.28	J B	1.0	ug/L	8260B
Vinyl chloride		170		10	ug/L	8260B
1,4-Dioxane		270		20	ug/L	8260B SIM
280-46965-5	**PIN12-0582-3**					
Acetone		11		10	ug/L	8260B
cis-1,2-Dichloroethene		0.22	J	1.0	ug/L	8260B
Vinyl chloride		0.63	J	1.0	ug/L	8260B
280-46965-6	**PIN12-0583-1**					
Acetone		9.1	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46965-7	**PIN12-0583-2**					
Acetone		11		10	ug/L	8260B
1,1-Dichloroethane		0.52	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.38	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.5		1.0	ug/L	8260B
Vinyl chloride		13		1.0	ug/L	8260B
1,4-Dioxane		4.1		1.0	ug/L	8260B SIM
280-46965-8	**PIN12-0583-3**					
Acetone		7.7	J	10	ug/L	8260B
280-46965-9	**PIN99-2203**					
Acetone		3.5	J	10	ug/L	8260B
Methylene Chloride		1.1		1.0	ug/L	8260B
280-46965-10	**PIN12-2453**					
Acetone		6.3	J	10	ug/L	8260B
1,1-Dichloroethane		56		1.0	ug/L	8260B
cis-1,2-Dichloroethene		21		1.0	ug/L	8260B
trans-1,2-Dichloroethene		5.3		1.0	ug/L	8260B
1,1-Dichloroethene		0.66	J	1.0	ug/L	8260B
Vinyl chloride		170		10	ug/L	8260B
1,4-Dioxane		290		20	ug/L	8260B SIM
280-46965-11	**PIN12-S69B**					
Acetone		5.3	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.21	J	1.0	ug/L	8260B
280-46965-12	**PIN12-S69C**					
Acetone		4.6	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.57	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Vinyl chloride		0.30	J	1.0	ug/L	8260B
280-46965-13	**PIN12-S69D**					
Acetone		12		10	ug/L	8260B
cis-1,2-Dichloroethene		0.33	J	1.0	ug/L	8260B
Vinyl chloride		0.30	J	1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-46965-14	**PIN12-S73B**					
Acetone		2.3	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.35	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
Vinyl chloride		0.96	J	1.0	ug/L	8260B
280-46965-15	**PIN12-S73C**					
1,1-Dichloroethane		3.8		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.7		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.3		1.0	ug/L	8260B
Vinyl chloride		74		5.0	ug/L	8260B
1,4-Dioxane		67		10	ug/L	8260B SIM
280-46965-16	**PIN12-S73D**					
Acetone		9.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
Vinyl chloride		1.1		1.0	ug/L	8260B
1,4-Dioxane		2.3		1.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

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: 280-46965-1
Sdg Number: 13085578

Method	Analyst	Analyst ID
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B	Tinkham, Sarah A	SAT
SW846 8260B SIM	Moan, Matthew R	MRM
SW846 8260B SIM	Tinkham, Sarah A	SAT

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-46965-1
Client Matrix: Water

Date Sampled: 09/17/2013 0927
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5752.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0923			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0923				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.9	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	0.32	J	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	0.72	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-46965-1
Client Matrix: Water

Date Sampled: 09/17/2013 0927
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5752.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0923			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0923				

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	6.7		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)	77		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	89		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-46965-2
Client Matrix: Water

Date Sampled: 09/17/2013 1002
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5731.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/27/2013 0136			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0136				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	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	22		0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	21		0.30	2.0
trans-1,2-Dichloroethene	14		0.30	2.0
1,1-Dichloroethene	0.53	J	0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-46965-2
Client Matrix: Water

Date Sampled: 09/17/2013 1002
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5731.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	09/27/2013 0136			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0136				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.34	U	0.34	2.0
1,1,1,2-Tetrachloroethane	0.42	U	0.42	2.0
1,1,2,2-Tetrachloroethane	0.42	U	0.42	2.0
Tetrachloroethene	0.40	U	0.40	2.0
Toluene	0.34	U	0.34	2.0
1,2,3-Trichlorobenzene	0.45	J B	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)	83		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-46965-2
Client Matrix: Water

Date Sampled: 09/17/2013 1002
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5732.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/27/2013 0157	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	300		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	89		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-46965-3
Client Matrix: Water

Date Sampled: 09/17/2013 1037
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5733.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0218			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0218				

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-46965-3
Client Matrix: Water

Date Sampled: 09/17/2013 1037
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5733.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0218			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0218				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-46965-4
Client Matrix: Water

Date Sampled: 09/17/2013 1115
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5736.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0322			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0322				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.9	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	56		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	21		0.15	1.0
trans-1,2-Dichloroethene	5.3		0.15	1.0
1,1-Dichloroethene	0.80	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-46965-4
Client Matrix: Water

Date Sampled: 09/17/2013 1115
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5736.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0322			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 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	0.28	J B	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)	89		70 - 127
Toluene-d8 (Surr)	109		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-46965-4
Client Matrix: Water

Date Sampled: 09/17/2013 1115
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5737.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/27/2013 0344	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0344				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	170		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-46965-5
Client Matrix: Water

Date Sampled: 09/17/2013 1248
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5738.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0405			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0405				

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	0.22	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-46965-5
Client Matrix: Water

Date Sampled: 09/17/2013 1248
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5738.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0405			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0405				

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	0.63	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)	88		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-46965-6
Client Matrix: Water

Date Sampled: 09/18/2013 0859
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5755.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1031			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1031				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.1	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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-46965-6
Client Matrix: Water

Date Sampled: 09/18/2013 0859
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5755.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1031			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 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
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)	106		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-46965-7
Client Matrix: Water

Date Sampled: 09/18/2013 0923
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5757.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1114			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1114				

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	0.52	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.38	J	0.15	1.0
trans-1,2-Dichloroethene	2.5		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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-46965-7
Client Matrix: Water

Date Sampled: 09/18/2013 0923
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5757.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1114			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1114				

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)	85		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-46965-8
Client Matrix: Water

Date Sampled: 09/18/2013 0952
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5758.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1135			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1135				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-46965-8
Client Matrix: Water

Date Sampled: 09/18/2013 0952
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5758.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1135			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1135				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2203**

Lab Sample ID: 280-46965-9
Client Matrix: Water

Date Sampled: 09/17/2013 0830
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5739.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0426			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0426				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.5	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	1.1		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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN99-2203**

Lab Sample ID: 280-46965-9
Client Matrix: Water

Date Sampled: 09/17/2013 0830
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5739.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0426			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0426				

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)	83		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-46965-10
Client Matrix: Water

Date Sampled: 09/17/2013 1100
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5740.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0447			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0447				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	56		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	21		0.15	1.0
trans-1,2-Dichloroethene	5.3		0.15	1.0
1,1-Dichloroethene	0.66	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-46965-10
Client Matrix: Water

Date Sampled: 09/17/2013 1100
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5740.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0447			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0447				

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)	89		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-46965-10
Client Matrix: Water

Date Sampled: 09/17/2013 1100
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5741.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/27/2013 0509	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0509				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	170		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	87		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-46965-11
Client Matrix: Water

Date Sampled: 09/18/2013 1034
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5759.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1156			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1156				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.3	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.21	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-46965-11
Client Matrix: Water

Date Sampled: 09/18/2013 1034
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5759.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1156			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1156				

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)	95		70 - 127
Toluene-d8 (Surr)	108		80 - 125
4-Bromofluorobenzene (Surr)	120		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-46965-12
Client Matrix: Water

Date Sampled: 09/18/2013 1334
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5760.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1218			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1218				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.6	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	0.57	J	0.15	1.0
trans-1,2-Dichloroethene	0.20	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-46965-12
Client Matrix: Water

Date Sampled: 09/18/2013 1334
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5760.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1218			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1218				

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	0.30	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)	84		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-46965-13
Client Matrix: Water

Date Sampled: 09/18/2013 1405
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5761.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1239			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1239				

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	0.33	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	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-46965-13
Client Matrix: Water

Date Sampled: 09/18/2013 1405
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5761.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1239			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1239				

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	0.30	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)	82		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	110		78 - 120
Dibromofluoromethane (Surr)	89		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-46965-14
Client Matrix: Water

Date Sampled: 09/17/2013 1438
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5742.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0530			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0530				

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	0.35	J	0.15	1.0
trans-1,2-Dichloroethene	0.16	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-46965-14
Client Matrix: Water

Date Sampled: 09/17/2013 1438
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5742.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0530			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0530				

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	0.96	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)	85		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-46965-15
Client Matrix: Water

Date Sampled: 09/17/2013 1514
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5743.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0551			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0551				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.8		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	6.3		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-46965-15
Client Matrix: Water

Date Sampled: 09/17/2013 1514
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5743.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0551			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0551				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	112		78 - 120
Dibromofluoromethane (Surr)	90		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-46965-15
Client Matrix: Water

Date Sampled: 09/17/2013 1514
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5744.D
Dilution:	1.0			Initial Weight/Volume:	4 mL
Analysis Date:	09/27/2013 0613	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0613				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	74		0.50	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	91		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-46965-16
Client Matrix: Water

Date Sampled: 09/17/2013 1635
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5751.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0901			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0901				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.2	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	0.16	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-46965-16
Client Matrix: Water

Date Sampled: 09/17/2013 1635
Date Received: 09/20/2013 0900

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H5751.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0901			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0901				

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	1.1		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	107		78 - 120
Dibromofluoromethane (Surr)	89		77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0539**

Lab Sample ID: 280-46965-1
Client Matrix: Water

Date Sampled: 09/17/2013 0927
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6860.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1134			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1134				

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)	92		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0540**

Lab Sample ID: 280-46965-2
Client Matrix: Water

Date Sampled: 09/17/2013 1002
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6861.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2013 1152			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1152				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	260		4.4	20

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-1**

Lab Sample ID: 280-46965-3
Client Matrix: Water

Date Sampled: 09/17/2013 1037
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6857.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1042			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1042				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-2**

Lab Sample ID: 280-46965-4
Client Matrix: Water

Date Sampled: 09/17/2013 1115
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6878.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2013 1650			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	270		4.4	20

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0582-3**

Lab Sample ID: 280-46965-5
Client Matrix: Water

Date Sampled: 09/17/2013 1248
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6879.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 1708			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1708				

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-1**

Lab Sample ID: 280-46965-6
Client Matrix: Water

Date Sampled: 09/18/2013 0859
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193856	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7028.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2013 1159			Final Weight/Volume:	20 mL
Prep Date:	10/01/2013 1159				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-2**

Lab Sample ID: 280-46965-7
Client Matrix: Water

Date Sampled: 09/18/2013 0923
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6894.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0003			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0003				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	4.1		0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-0583-3**

Lab Sample ID: 280-46965-8
Client Matrix: Water

Date Sampled: 09/18/2013 0952
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6897.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0056			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0056				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-2453**

Lab Sample ID: 280-46965-10
Client Matrix: Water

Date Sampled: 09/17/2013 1100
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6909.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	09/27/2013 0815			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0815				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	290		4.4	20

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69B**

Lab Sample ID: 280-46965-11
Client Matrix: Water

Date Sampled: 09/18/2013 1034
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6899.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0131			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0131				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69C**

Lab Sample ID: 280-46965-12
Client Matrix: Water

Date Sampled: 09/18/2013 1334
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6900.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0149			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0149				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S69D**

Lab Sample ID: 280-46965-13
Client Matrix: Water

Date Sampled: 09/18/2013 1405
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6901.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0206			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0206				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73B**

Lab Sample ID: 280-46965-14
Client Matrix: Water

Date Sampled: 09/17/2013 1438
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6902.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0224			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0224				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73C**

Lab Sample ID: 280-46965-15
Client Matrix: Water

Date Sampled: 09/17/2013 1514
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6910.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	09/27/2013 0832			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0832				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	67		2.2	10

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Client Sample ID: **PIN12-S73D**

Lab Sample ID: 280-46965-16
Client Matrix: Water

Date Sampled: 09/17/2013 1635
Date Received: 09/20/2013 0900

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

Analysis Method:	8260B SIM	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E6904.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0259			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0259				

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)	97		70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

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
280-46965-1	PIN12-0539	89	77	100	107
280-46965-2	PIN12-0540	90	83	101	106
280-46965-2 DL	PIN12-0540 DL	89	81	98	103
280-46965-3	PIN12-0582-1	90	84	97	99
280-46965-4	PIN12-0582-2	96	89	109	106
280-46965-4 DL	PIN12-0582-2 DL	92	82	99	110
280-46965-5	PIN12-0582-3	91	88	101	102
280-46965-6	PIN12-0583-1	90	81	106	106
280-46965-7	PIN12-0583-2	90	85	99	104
280-46965-8	PIN12-0583-3	90	84	101	110
280-46965-9	PIN99-2203	92	83	103	104
280-46965-10	PIN12-2453	92	89	100	108
280-46965-10 DL	PIN12-2453 DL	87	79	98	103
280-46965-11	PIN12-S69B	101	95	108	120
280-46965-12	PIN12-S69C	92	84	101	107
280-46965-13	PIN12-S69D	89	82	102	110
280-46965-14	PIN12-S73B	91	85	104	103
280-46965-15	PIN12-S73C	90	86	100	112
280-46965-15 DL	PIN12-S73C DL	91	81	104	106
280-46965-16	PIN12-S73D	89	79	101	107
MB 280-193341/18		88	79	99	106
MB 280-193370/5		89	82	100	107
LCS 280-193341/16		87	82	105	94
LCS 280-193370/4		88	86	107	110
280-46965-1 MS	PIN12-0539 MS	86	80	111	101
280-46965-3 MS	PIN12-0582-1 MS	85	82	108	97
280-46965-1 MSD	PIN12-0539 MSD	90	89	109	102
280-46965-3 MSD	PIN12-0582-1 MSD	87	84	110	99

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-46965-1	PIN12-0539	92
280-46965-2	PIN12-0540	93
280-46965-3	PIN12-0582-1	97
280-46965-4	PIN12-0582-2	97
280-46965-5	PIN12-0582-3	104
280-46965-6	PIN12-0583-1	108
280-46965-7	PIN12-0583-2	95
280-46965-8	PIN12-0583-3	97
280-46965-10	PIN12-2453	104
280-46965-11	PIN12-S69B	100
280-46965-12	PIN12-S69C	102
280-46965-13	PIN12-S69D	102
280-46965-14	PIN12-S73B	97
280-46965-15	PIN12-S73C	100
280-46965-16	PIN12-S73D	97
MB 280-193190/5		92
MB 280-193351/5		98
MB 280-193856/13		111
LCS 280-193190/3		92
LCS 280-193351/3		102
LCS 280-193856/3		116
LCSD 280-193190/4		95
LCSD 280-193351/4		99
LCSD 280-193856/4		120
280-46965-2 MS	PIN12-0540 MS	94
280-46965-7 MS	PIN12-0583-2 MS	100
280-47164-H-10 MS		110
280-46965-2 MSD	PIN12-0540 MSD	100
280-46965-7 MSD	PIN12-0583-2 MSD	104

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-47164-H-10 MSD		111

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Method Blank - Batch: 280-193341

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193341/18	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5726.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2340	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2340				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Method Blank - Batch: 280-193341

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193341/18	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5726.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2340	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2340				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.315	J	0.21	1.0
1,2,4-Trichlorobenzene	0.352	J	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)	79	70 - 127
Toluene-d8 (Surr)	99	80 - 125
4-Bromofluorobenzene (Surr)	106	78 - 120
Dibromofluoromethane (Surr)	88	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-193341

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-193341/16	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5725.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2318	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2318				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.81	96	74 - 135	
Bromodichloromethane	5.00	4.67	93	73 - 135	
Carbon tetrachloride	5.00	4.89	98	67 - 135	
Chlorobenzene	5.00	5.06	101	76 - 135	
Chloroform	5.00	4.85	97	76 - 120	
1,3-Dichlorobenzene	5.00	4.71	94	74 - 135	
1,1-Dichloroethane	5.00	4.96	99	75 - 135	
trans-1,2-Dichloroethene	5.00	4.89	98	75 - 135	
1,1-Dichloroethene	5.00	4.78	96	71 - 136	
1,2-Dichloropropane	5.00	4.90	98	71 - 120	
Ethylbenzene	5.00	4.87	97	72 - 120	
Methylene Chloride	5.00	5.15	103	54 - 141	
Tetrachloroethene	5.00	4.94	99	70 - 135	
Toluene	5.00	4.82	96	73 - 120	
1,1,1-Trichloroethane	5.00	5.03	101	70 - 135	
Trichloroethene	5.00	5.11	102	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	70 - 127
Toluene-d8 (Surr)	105	80 - 125
4-Bromofluorobenzene (Surr)	94	78 - 120
Dibromofluoromethane (Surr)	87	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193341

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46965-3	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5734.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0240			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0240				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46965-3	Analysis Batch:	280-193341	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5735.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0301			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0301				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	97	98	74 - 135	1	20		
Bromodichloromethane	94	94	73 - 135	0	20		
Carbon tetrachloride	97	96	67 - 135	2	21		
Chlorobenzene	104	103	76 - 135	0	20		
Chloroform	96	98	76 - 120	2	20		
1,3-Dichlorobenzene	93	94	74 - 135	2	20		
1,1-Dichloroethane	103	104	75 - 135	0	21		
trans-1,2-Dichloroethene	104	103	75 - 135	1	24		
1,1-Dichloroethene	103	109	71 - 136	5	20		
1,2-Dichloropropane	99	100	71 - 120	0	20		
Ethylbenzene	106	103	72 - 120	3	26		
Methylene Chloride	93	96	54 - 141	3	20		
Tetrachloroethene	106	106	70 - 135	0	20		
Toluene	98	99	73 - 120	1	20		
1,1,1-Trichloroethane	103	104	70 - 135	1	20		
Trichloroethene	102	102	73 - 135	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	84	70 - 127
Toluene-d8 (Surr)	108	110	80 - 125
4-Bromofluorobenzene (Surr)	97	99	78 - 120
Dibromofluoromethane (Surr)	85	87	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193341

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46965-3	Units:	ug/L	MSD Lab Sample ID:	280-46965-3
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/27/2013 0240			Analysis Date:	09/27/2013 0301
Prep Date:	09/27/2013 0240			Prep Date:	09/27/2013 0301
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.84	4.90
Bromodichloromethane	0.17	U	5.00	5.00	4.70	4.69
Carbon tetrachloride	0.19	U	5.00	5.00	4.87	4.79
Chlorobenzene	0.17	U	5.00	5.00	5.18	5.17
Chloroform	0.16	U	5.00	5.00	4.80	4.90
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.64	4.72
1,1-Dichloroethane	0.22	U	5.00	5.00	5.17	5.20
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.19	5.16
1,1-Dichloroethene	0.23	U	5.00	5.00	5.16	5.43
1,2-Dichloropropane	0.18	U	5.00	5.00	4.97	5.00
Ethylbenzene	0.16	U	5.00	5.00	5.32	5.15
Methylene Chloride	0.32	U	5.00	5.00	4.64	4.78
Tetrachloroethene	0.20	U	5.00	5.00	5.29	5.29
Toluene	0.17	U	5.00	5.00	4.92	4.96
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.14	5.18
Trichloroethene	0.16	U	5.00	5.00	5.11	5.12

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Method Blank - Batch: 280-193370

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193370/5	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5750.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0839	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0839				
Leach Date:	N/A				

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

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Method Blank - Batch: 280-193370

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 280-193370/5	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5750.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0839	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0839				
Leach Date:	N/A				

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82	70 - 127
Toluene-d8 (Surr)	100	80 - 125
4-Bromofluorobenzene (Surr)	107	78 - 120
Dibromofluoromethane (Surr)	89	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Lab Control Sample - Batch: 280-193370

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 280-193370/4	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5749.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0818	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0818				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.03	101	74 - 135	
Bromodichloromethane	5.00	4.60	92	73 - 135	
Carbon tetrachloride	5.00	4.85	97	67 - 135	
Chlorobenzene	5.00	4.97	99	76 - 135	
Chloroform	5.00	4.77	95	76 - 120	
1,3-Dichlorobenzene	5.00	5.16	103	74 - 135	
1,1-Dichloroethane	5.00	4.96	99	75 - 135	
trans-1,2-Dichloroethene	5.00	4.76	95	75 - 135	
1,1-Dichloroethene	5.00	5.05	101	71 - 136	
1,2-Dichloropropane	5.00	4.99	100	71 - 120	
Ethylbenzene	5.00	4.89	98	72 - 120	
Methylene Chloride	5.00	4.87	97	54 - 141	
Tetrachloroethene	5.00	5.01	100	70 - 135	
Toluene	5.00	4.93	99	73 - 120	
1,1,1-Trichloroethane	5.00	5.00	100	70 - 135	
Trichloroethene	5.00	4.99	100	73 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	70 - 127
Toluene-d8 (Surr)	107	80 - 125
4-Bromofluorobenzene (Surr)	110	78 - 120
Dibromofluoromethane (Surr)	88	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193370

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46965-1	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5753.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0944			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0944				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46965-1	Analysis Batch:	280-193370	Instrument ID:	VMS_H
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	H5756.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 1052			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 1052				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	102	98	74 - 135	5	20		
Bromodichloromethane	88	98	73 - 135	10	20		
Carbon tetrachloride	101	96	67 - 135	5	21		
Chlorobenzene	106	104	76 - 135	2	20		
Chloroform	98	99	76 - 120	1	20		
1,3-Dichlorobenzene	111	107	74 - 135	4	20		
1,1-Dichloroethane	103	99	75 - 135	3	21		
trans-1,2-Dichloroethene	106	100	75 - 135	5	24		
1,1-Dichloroethene	107	105	71 - 136	1	20		
1,2-Dichloropropane	99	101	71 - 120	2	20		
Ethylbenzene	105	103	72 - 120	2	26		
Methylene Chloride	94	104	54 - 141	10	20		
Tetrachloroethene	108	108	70 - 135	0	20		
Toluene	101	103	73 - 120	2	20		
1,1,1-Trichloroethane	104	104	70 - 135	0	20		
Trichloroethene	107	102	73 - 135	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80	89	70 - 127
Toluene-d8 (Surr)	111	109	80 - 125
4-Bromofluorobenzene (Surr)	101	102	78 - 120
Dibromofluoromethane (Surr)	86	90	77 - 120

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193370

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	280-46965-1	Units:	ug/L	MSD Lab Sample ID:	280-46965-1
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/27/2013 0944			Analysis Date:	09/27/2013 1052
Prep Date:	09/27/2013 0944			Prep Date:	09/27/2013 1052
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	5.12	4.89
Bromodichloromethane	0.17	U	5.00	5.00	4.41	4.89
Carbon tetrachloride	0.19	U	5.00	5.00	5.06	4.82
Chlorobenzene	0.17	U	5.00	5.00	5.28	5.20
Chloroform	0.16	U	5.00	5.00	4.92	4.96
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.55	5.35
1,1-Dichloroethane	0.32	J	5.00	5.00	5.45	5.27
trans-1,2-Dichloroethene	0.72	J	5.00	5.00	6.01	5.70
1,1-Dichloroethene	0.23	U	5.00	5.00	5.33	5.27
1,2-Dichloropropane	0.18	U	5.00	5.00	4.93	5.05
Ethylbenzene	0.16	U	5.00	5.00	5.25	5.14
Methylene Chloride	0.32	U	5.00	5.00	4.69	5.18
Tetrachloroethene	0.20	U	5.00	5.00	5.40	5.38
Toluene	0.17	U	5.00	5.00	5.05	5.13
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.22	5.21
Trichloroethene	0.16	U	5.00	5.00	5.34	5.12

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Method Blank - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-193190/5	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6854.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0944	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0944				
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)	92	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193190/3	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6852.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0909	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0909				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-193190/4	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6853.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 0926	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 0926				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	86	87	25 - 141	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	95	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193190/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-193190/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2013 0909			Analysis Date:	09/26/2013 0926
Prep Date:	09/26/2013 0909			Prep Date:	09/26/2013 0926
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.31	4.33

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46965-2	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6862.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2013 1210			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1210				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46965-2	Analysis Batch:	280-193190	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6863.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	09/26/2013 1227			Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 1227				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	127	109	25 - 141	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	100	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193190

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46965-2	Units:	ug/L	MSD Lab Sample ID:	280-46965-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2013 1210			Analysis Date:	09/26/2013 1227
Prep Date:	09/26/2013 1210			Prep Date:	09/26/2013 1227
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	260	100	100	392	374

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Method Blank - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-193351/5	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6890.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2253	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2253				
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/
Lab Control Sample Duplicate Recovery Report - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193351/3	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6887.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2201	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2201				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-193351/4	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/26/2013 2218	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	09/26/2013 2218				
Leach Date:	N/A				

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

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	99	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193351/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-193351/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/26/2013 2201			Analysis Date:	09/26/2013 2218
Prep Date:	09/26/2013 2201			Prep Date:	09/26/2013 2218
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.47	4.44

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46965-7	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6895.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0021			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0021				
Leach Date:	N/A				

MSD Lab Sample ID:	280-46965-7	Analysis Batch:	280-193351	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E6896.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	09/27/2013 0039			Final Weight/Volume:	20 mL
Prep Date:	09/27/2013 0039				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	102	109	25 - 141	3	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	104	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193351

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-46965-7	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	09/27/2013 0021		
Prep Date:	09/27/2013 0021		
Leach Date:	N/A		

MSD Lab Sample ID:	280-46965-7
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	09/27/2013 0039
Prep Date:	09/27/2013 0039
Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	4.1	5.00	5.00	9.23	9.55

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Method Blank - Batch: 280-193856

Method: 8260B SIM
Preparation: 5030B

Lab Sample ID:	MB 280-193856/13	Analysis Batch:	280-193856	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2013 1311	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2013 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)	111	70 - 127

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 280-193856

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193856/3	Analysis Batch:	280-193856	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2013 0955	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2013 0955				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 280-193856/4	Analysis Batch:	280-193856	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2013 1012	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	10/01/2013 1012				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,4-Dioxane	84	83	25 - 141	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	120	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 280-193856

Method: 8260B SIM
Preparation: 5030B

LCS Lab Sample ID:	LCS 280-193856/3	Units:	ug/L	LCSD Lab Sample ID:	LCSD 280-193856/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2013 0955			Analysis Date:	10/01/2013 1012
Prep Date:	10/01/2013 0955			Prep Date:	10/01/2013 1012
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,4-Dioxane	5.00	5.00	4.22	4.17

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193856

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-47164-H-10 MS	Analysis Batch:	280-193856	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7029.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2013 1216			Final Weight/Volume:	20 mL
Prep Date:	10/01/2013 1216				
Leach Date:	N/A				

MSD Lab Sample ID:	280-47164-H-10 MSD	Analysis Batch:	280-193856	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7030.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	10/01/2013 1234			Final Weight/Volume:	20 mL
Prep Date:	10/01/2013 1234				
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dioxane	92	96	25 - 141	4	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110	111	70 - 127

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-193856

Method: 8260B SIM
Preparation: 5030B

MS Lab Sample ID:	280-47164-H-10 MS	Units:	ug/L	MSD Lab Sample ID:	280-47164-H-10 MSD
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	10/01/2013 1216			Analysis Date:	10/01/2013 1234
Prep Date:	10/01/2013 1216			Prep Date:	10/01/2013 1234
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22	U	5.00	5.00	4.62	4.82

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-193190					
LCS 280-193190/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-193190/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-193190/5	Method Blank	T	Water	8260B SIM	
280-46965-1	PIN12-0539	T	Water	8260B SIM	
280-46965-2	PIN12-0540	T	Water	8260B SIM	
280-46965-2MS	Matrix Spike	T	Water	8260B SIM	
280-46965-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-46965-3	PIN12-0582-1	T	Water	8260B SIM	
280-46965-4	PIN12-0582-2	T	Water	8260B SIM	
280-46965-5	PIN12-0582-3	T	Water	8260B SIM	
Analysis Batch:280-193341					
LCS 280-193341/16	Lab Control Sample	T	Water	8260B	
MB 280-193341/18	Method Blank	T	Water	8260B	
280-46965-2	PIN12-0540	T	Water	8260B	
280-46965-2DL	PIN12-0540	T	Water	8260B	
280-46965-3	PIN12-0582-1	T	Water	8260B	
280-46965-3MS	Matrix Spike	T	Water	8260B	
280-46965-3MSD	Matrix Spike Duplicate	T	Water	8260B	
280-46965-4	PIN12-0582-2	T	Water	8260B	
280-46965-4DL	PIN12-0582-2	T	Water	8260B	
280-46965-5	PIN12-0582-3	T	Water	8260B	
280-46965-9	PIN99-2203	T	Water	8260B	
280-46965-10	PIN12-2453	T	Water	8260B	
280-46965-10DL	PIN12-2453	T	Water	8260B	
280-46965-14	PIN12-S73B	T	Water	8260B	
280-46965-15	PIN12-S73C	T	Water	8260B	
280-46965-15DL	PIN12-S73C	T	Water	8260B	
Analysis Batch:280-193351					
LCS 280-193351/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-193351/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-193351/5	Method Blank	T	Water	8260B SIM	
280-46965-7	PIN12-0583-2	T	Water	8260B SIM	
280-46965-7MS	Matrix Spike	T	Water	8260B SIM	
280-46965-7MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-46965-8	PIN12-0583-3	T	Water	8260B SIM	
280-46965-10	PIN12-2453	T	Water	8260B SIM	
280-46965-11	PIN12-S69B	T	Water	8260B SIM	
280-46965-12	PIN12-S69C	T	Water	8260B SIM	
280-46965-13	PIN12-S69D	T	Water	8260B SIM	
280-46965-14	PIN12-S73B	T	Water	8260B SIM	
280-46965-15	PIN12-S73C	T	Water	8260B SIM	
280-46965-16	PIN12-S73D	T	Water	8260B SIM	

Client: S.M. Stoller Corporation

Job Number: 280-46965-1
Sdg Number: 13085578

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-193370					
LCS 280-193370/4	Lab Control Sample	T	Water	8260B	
MB 280-193370/5	Method Blank	T	Water	8260B	
280-46965-1	PIN12-0539	T	Water	8260B	
280-46965-1MS	Matrix Spike	T	Water	8260B	
280-46965-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-46965-6	PIN12-0583-1	T	Water	8260B	
280-46965-7	PIN12-0583-2	T	Water	8260B	
280-46965-8	PIN12-0583-3	T	Water	8260B	
280-46965-11	PIN12-S69B	T	Water	8260B	
280-46965-12	PIN12-S69C	T	Water	8260B	
280-46965-13	PIN12-S69D	T	Water	8260B	
280-46965-16	PIN12-S73D	T	Water	8260B	
Analysis Batch:280-193856					
LCS 280-193856/3	Lab Control Sample	T	Water	8260B SIM	
LCSD 280-193856/4	Lab Control Sample Duplicate	T	Water	8260B SIM	
MB 280-193856/13	Method Blank	T	Water	8260B SIM	
280-46965-6	PIN12-0583-1	T	Water	8260B SIM	
280-47164-H-10 MS	Matrix Spike	T	Water	8260B SIM	
280-47164-H-10 MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Report Basis
T = Total