

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

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

December 2014 Through May 2015

June 2015



U.S. DEPARTMENT OF
ENERGY

Legacy
Management

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Abbreviations

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

1.0 Introduction

The Young - Rainey STAR Center (Science, Technology, and Research Center) at the Pinellas County, Florida, Site is a former U.S. Department of Energy (DOE) facility constructed in the mid-1950s. The 99-acre STAR Center is located in Largo, Florida, and lies in the northeast quarter of Section 13, Township 30 South, Range 15 East (Figure 1). While it was owned by DOE, the facility primarily manufactured neutron generators for nuclear weapons. Other products manufactured at the STAR Center were 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, requiring DOE to investigate and perform remediation activities in those areas designated as solid-waste management units (SWMUs) contaminated by hazardous materials resulting from DOE operations.

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

The administration of DOE activities at the facility is the responsibility of the DOE Office of Legacy Management (LM). Stoller Newport News Nuclear, Inc., a wholly owned subsidiary of Huntington Ingalls Industries, Inc., and a prime contractor to LM, provides technical support to DOE for remediation and closure of all active SWMUs onsite.

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

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

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

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

DOE is working with the STAR Center landowner (Pinellas County Industrial Development Authority) to establish ICs (Declarations of Restrictive Covenant between the FDEP and the landowners) at the STAR Center and the adjacent properties affected by the Building 100 Area groundwater plume. Once ICs are in place, there will be no potential for current or future exposure to contaminated groundwater. ICs will need to be established and approved by FDEP before a formal No Further Action determination can be made. These ICs will then become part of DOE's Long-Term Surveillance and Maintenance Plan at this site.

Additional background information relative to each SWMU is briefly described below. This document serves as the semiannual progress report for each SWMU by providing the results of recent monitoring activities and a summary of ongoing and projected work.

1.1 Building 100 Area

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

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

Several campaigns for the 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) summarized 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 2014b).

Plume stability monitoring began with the March 2013 sampling event. After the fourth plume stability monitoring event in September 2014, DOE determined that contaminant concentrations in the south plume were increasing and that remediation to treat both the south and east plumes should be implemented. The *Interim Corrective Measure Work Plan for Source and Plume Treatment at the Building 100 Area* (DOE 2014a) was submitted to FDEP on October 2, 2014. The objective of this work is to inject emulsified soybean oil and the microorganism *Dehalococcoides mccartyi* (formerly known as *Dehalococcoides ethenogenes*) to enhance contaminant biodegradation in (1) the dissolved-phase contaminant plumes downgradient from the building on the STAR Center property, (2) the dissolved-phase contaminant plumes located on the offsite properties, and (3) the contaminant source areas and the high-concentration dissolved-phase contaminant plumes beneath the building.

The injection of emulsified soybean oil and *Dehalococcoides mccartyi* in the dissolved-phase plumes on the STAR Center property was conducted in October and November 2014. Injection of these same amendments was conducted on three offsite properties in February 2015. The onsite and offsite injection locations are shown on Figure 3. The last phase of this project, amendment injection beneath the building, is planned for summer 2015.

With the implementation of enhanced bioremediation at the Building 100 Area, plume stability monitoring was suspended and replaced with performance monitoring of the remediation project. The March 2015 sampling event was the first performance monitoring 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 (*Florida Administrative Code* Section 62-780.680). Closure monitoring was implemented starting with the September 2009 sampling event and was completed in September 2012. COPCs concentrations decreased significantly over this time period. DOE submitted the *Site Rehabilitation Completion Report with No Further Action Proposal for the Northeast Site* (DOE 2013) to FDEP in May 2013. That document proposes a risk-based closure for the Northeast Site under the State's RBCA regulations.

1.3 WWNA

The WWNA (PIN18) includes the 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 the finalization of ICs at the STAR Center.

1.4 Site Update

The following tasks were accomplished during the December 2014 to May 2015 period.

- A vapor intrusion mitigation pilot test was conducted beneath Building 100 in early January 2015. The results of the test suggested that (1) it is unlikely that intrusion of contaminant vapors into the building would cause a health risk and (2) longer-duration testing should be conducted to fully evaluate the potential for vapor intrusion.
- The injection of emulsified soybean oil and *Dehalococcoides mccartyi* in the dissolved-phase plumes on three offsite properties started on February 5 and was completed on February 18. The locations of the 33 injection points are shown on Figure 3.
- The sitewide semiannual sampling event was conducted March 4–11, 2015. This event consisted of collection of water samples from 98 monitoring wells at the Building 100 Area. Water level measurements were obtained from all accessible monitoring wells and ponds on March 4.

1.5 Waste Minimization

The following materials were recycled at the Pinellas site from December 2014 to May 2015:

- 32 pounds of paper
- 27 pounds of cardboard
- 7 pounds of plastic

- 40 pounds of magazines
- 2 pounds of aluminum
- 7 pounds of glass
- 15 pounds of batteries

2.0 Water-Level Elevations

Depth-to-water measurements were taken at all accessible monitoring wells, piezometers, and ponds (including two offsite ponds) at the STAR Center on March 4, 2015. 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 4 and 5).

For the past several years, shallow groundwater beneath Building 100 has been observed to flow to the southeast under a very slight gradient, and this flow pattern was observed again in March 2015 (Figure 4). A similar flow pattern was observed in the deep surficial aquifer (Figure 5). The hydraulic gradient in the Building 100 Area in March 2015 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 3 to 6 feet/year.

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

Surface water elevations were recorded in March 2015 from the East, South, Southwest, and West Ponds, Pond 5, and the pond just east of Belcher Road (Table 2). All the ponds are hydraulically connected to the shallow surficial aquifer system (Plate 1).

3.0 Groundwater Sampling

3.1 Work Performed

During the semiannual sampling event at the STAR Center in March 2015, groundwater samples were collected from 98 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.

Two monitoring wells, PIN12-0572-2 and PIN12-0576-2, were not sampled because they appeared to contain nearly pure emulsified soybean oil and, thus, the analytical results would not be representative of conditions in the aquifer. The emulsified soybean oil was injected near these wells in February 2015.

Figures 6–14 are plume maps for the Building 100 Area for March 2015. Figures 6 and 7 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 8–14 show the plumes for the individual COPCs; plume maps for tDCE and 1,1-DCE are not shown because these COPCs rarely exceed the CTL.

All samples were collected in accordance with the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites (LMS/PRO/S04351)*, using FDEP procedures. All samples were submitted to TestAmerica Laboratories 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). Sampling was performed when the field measurements stabilized, in accordance with FDEP procedures.

A new FDEP-approved sampling technique (allowing water to pass through the pump head before sample collection), first implemented with the September 2014 sampling event, was used at all wells. All monitoring wells were micropurged using high density polyethylene tubing or dedicated Teflon tubing in the well and a peristaltic pump at the surface, and sampling was performed when the field measurements stabilized.

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).

One analyte, 1,1-DCE in well PIN12-0587-2, had an RPD value that exceeded the EPA-recommended laboratory duplicate criterion of less than 20 RPD for results that are greater than 25 times the method detection limit. There is no explanation for this poor RPD value. The result was “J” qualified as an estimated value due to the poor RPD value.

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, 98 samples and 5 duplicates were collected for volatiles analysis, and 98 samples and 5 duplicates were collected for 1,4-dioxane analysis. The duplicate requirements for this sampling event were met. Seven trip blanks and four equipment blanks also were collected during this event.

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

4.0 Performance Monitoring

As described in Section 1.1, performance monitoring of enhanced bioremediation at the Building 100 Area has replaced plume stability monitoring, starting with the March 2015 sampling event. Performance monitoring will be conducted for a few sampling events to evaluate the effectiveness of the emulsified soybean oil and *Dehalococcoides mccartyi* microorganism at enhancing contaminant biodegradation in the contaminant source areas and plumes.

As described in Section 1.1, amendment injection was conducted in the onsite plumes in October and November 2014 and in the offsite plumes in February 2015 (Figure 3). As can be observed in the analytical results listed in Table 5, there is some evidence that contaminant biodegradation is being enhanced. In particular, well PIN12-0585-2, located at the south edge of Building 100, showed a decrease in TCE concentration from 1,700 to <3.2 µg/L, decreases in concentrations of the three DCE isomers, and a significant increase in VC concentration, suggesting that TCE and DCE are being biodegraded to VC. The contaminant concentrations in this well and the other wells will be plotted, and the results will be discussed as additional sampling events occur.

5.0 Upcoming Tasks

The following major tasks are planned for the next semiannual period (June through November 2015):

- Horizontal wells will be installed beneath Building 100 in summer 2015
- Injection of emulsified soybean oil and *Dehalococcoides mccartyi* beneath Building 100 using the horizontal wells is planned for October 2015.
- Performance monitoring at the Building 100 Area will continue with the semiannual sampling event in September 2015.

6.0 References

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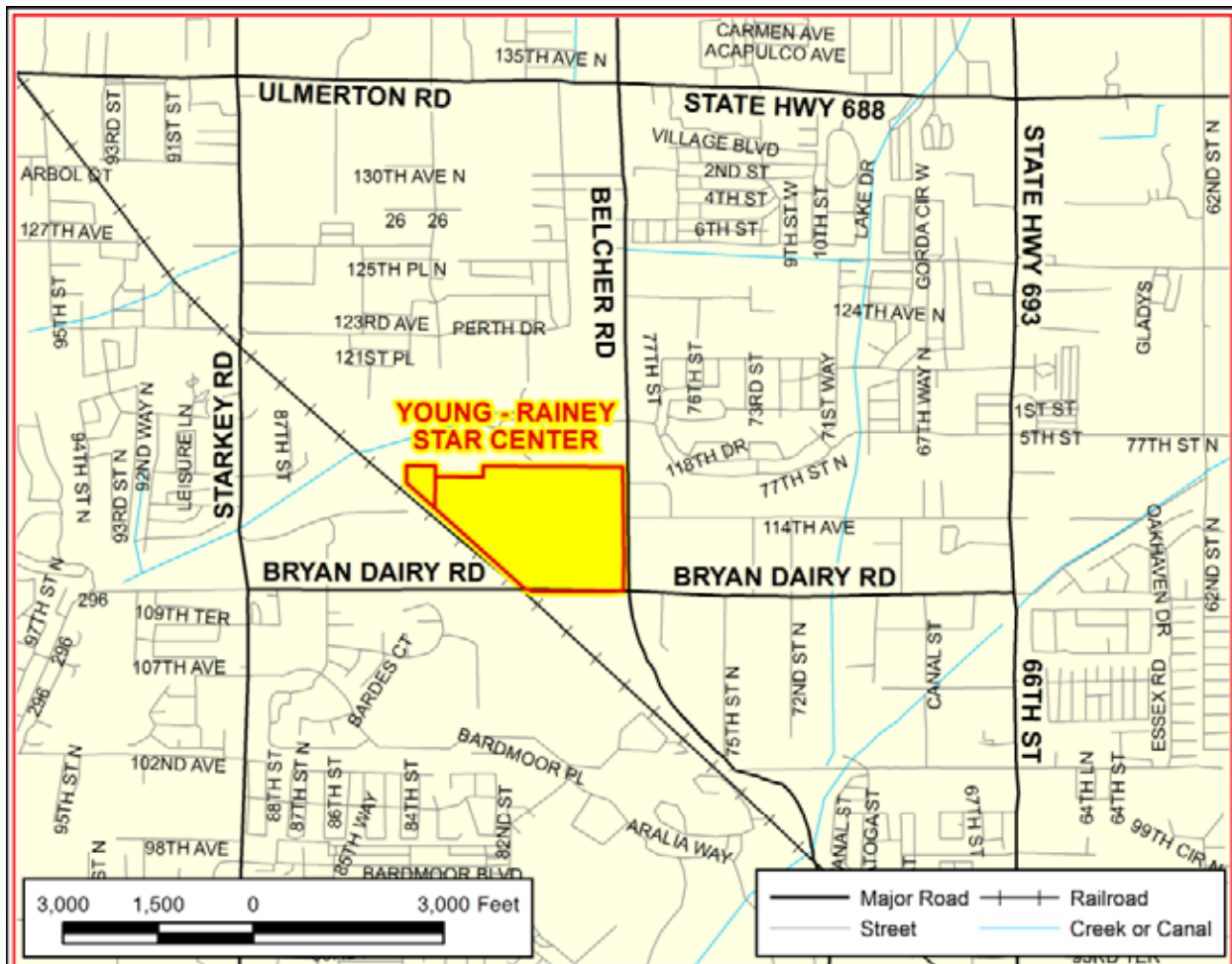
DOE (U.S. Department of Energy), 2013. *Site Rehabilitation Completion Report with No Further Action Proposal for the Northeast Site*, LMS/PIN/N01778, Office of Legacy Management, Grand Junction, Colorado, May.

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DOE (U.S. Department of Energy), 2014b. *Long-Term Surveillance and Maintenance Plan for the Pinellas Site*, LMS/PIN/N01058, Office of Legacy Management, Grand Junction, Colorado, September.

EPA (U.S. Environmental Protection Agency), 1988. *RCRA Facility Assessment Department of Energy—F16 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 Stoller Newport News Nuclear, Inc., a wholly owned subsidiary of Huntington Ingalls Industries, Inc., for the U.S. Department of Energy Office of Legacy Management.



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Figure 1. Young - Rainey STAR Center Location

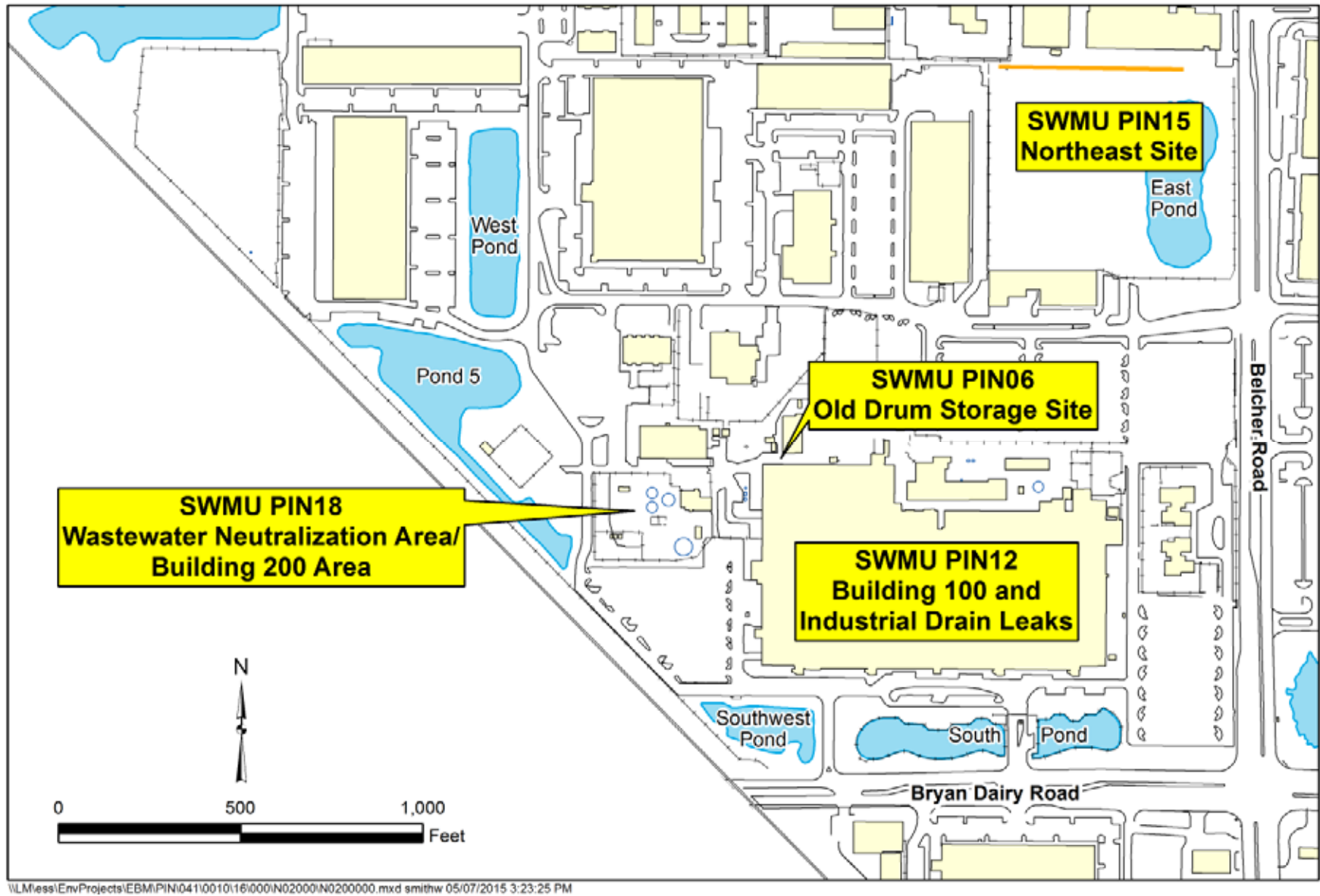


Figure 2. Location of STAR Center Solid-Waste Management Units

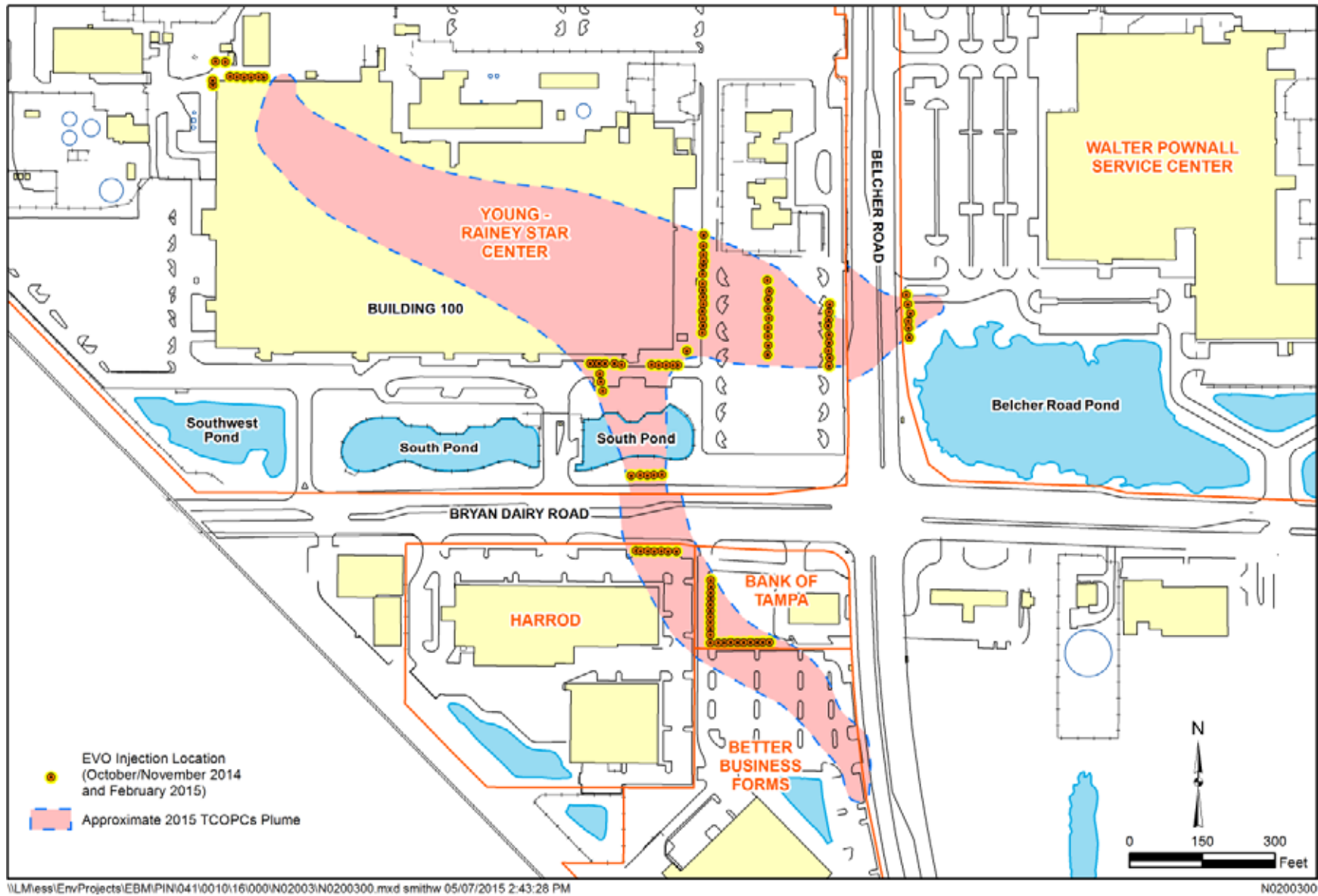


Figure 3. Emulsified Soybean Oil Injection Locations

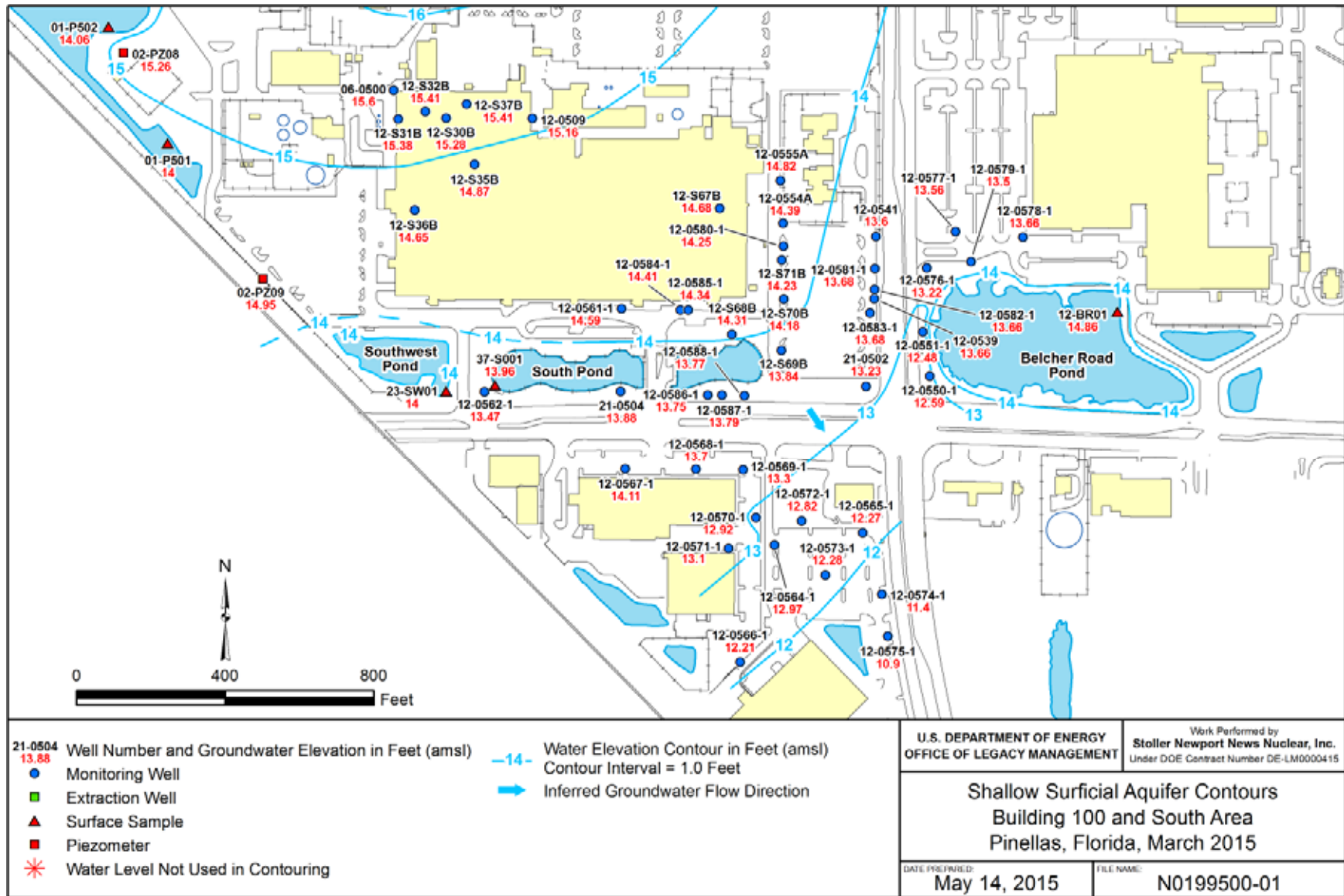
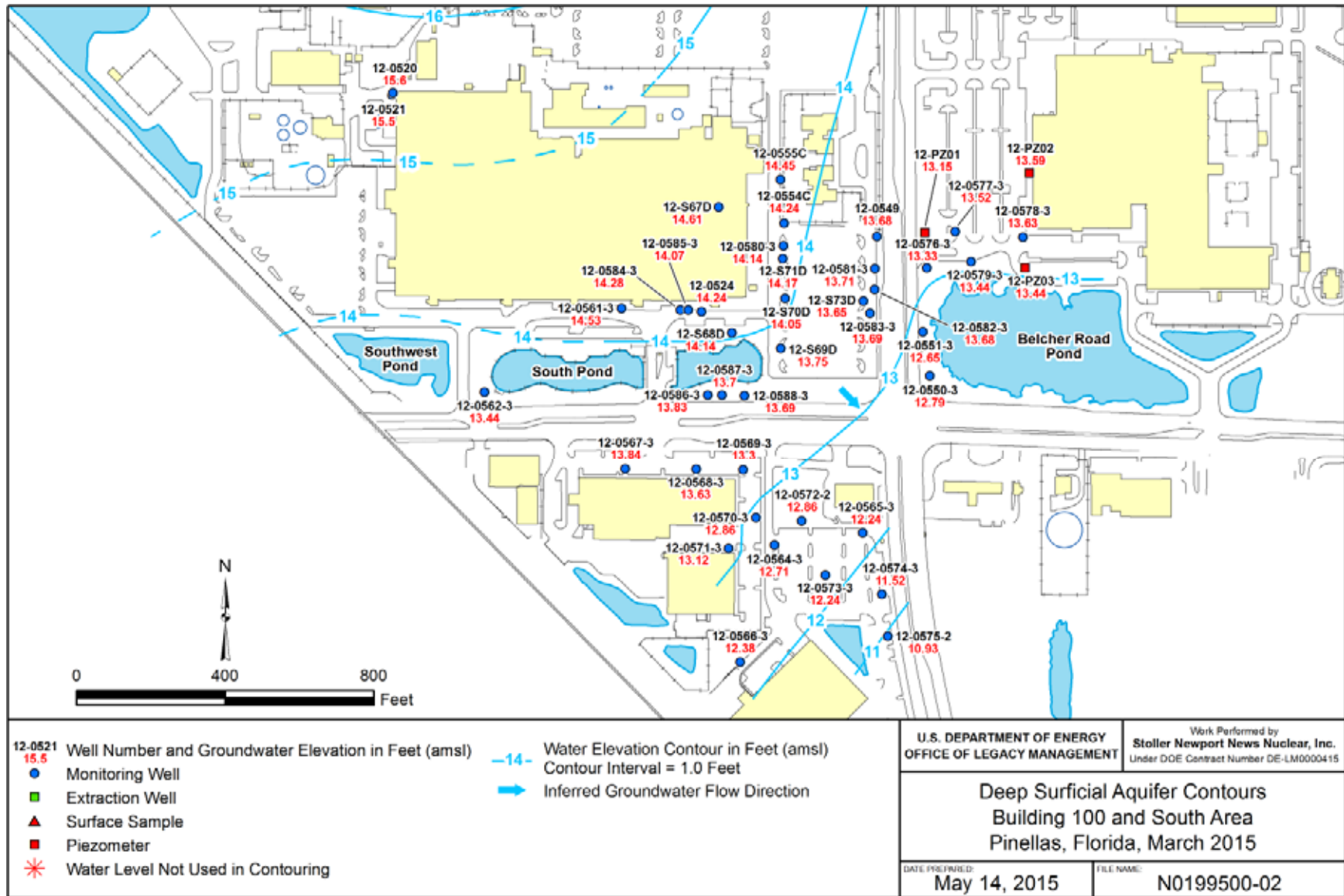
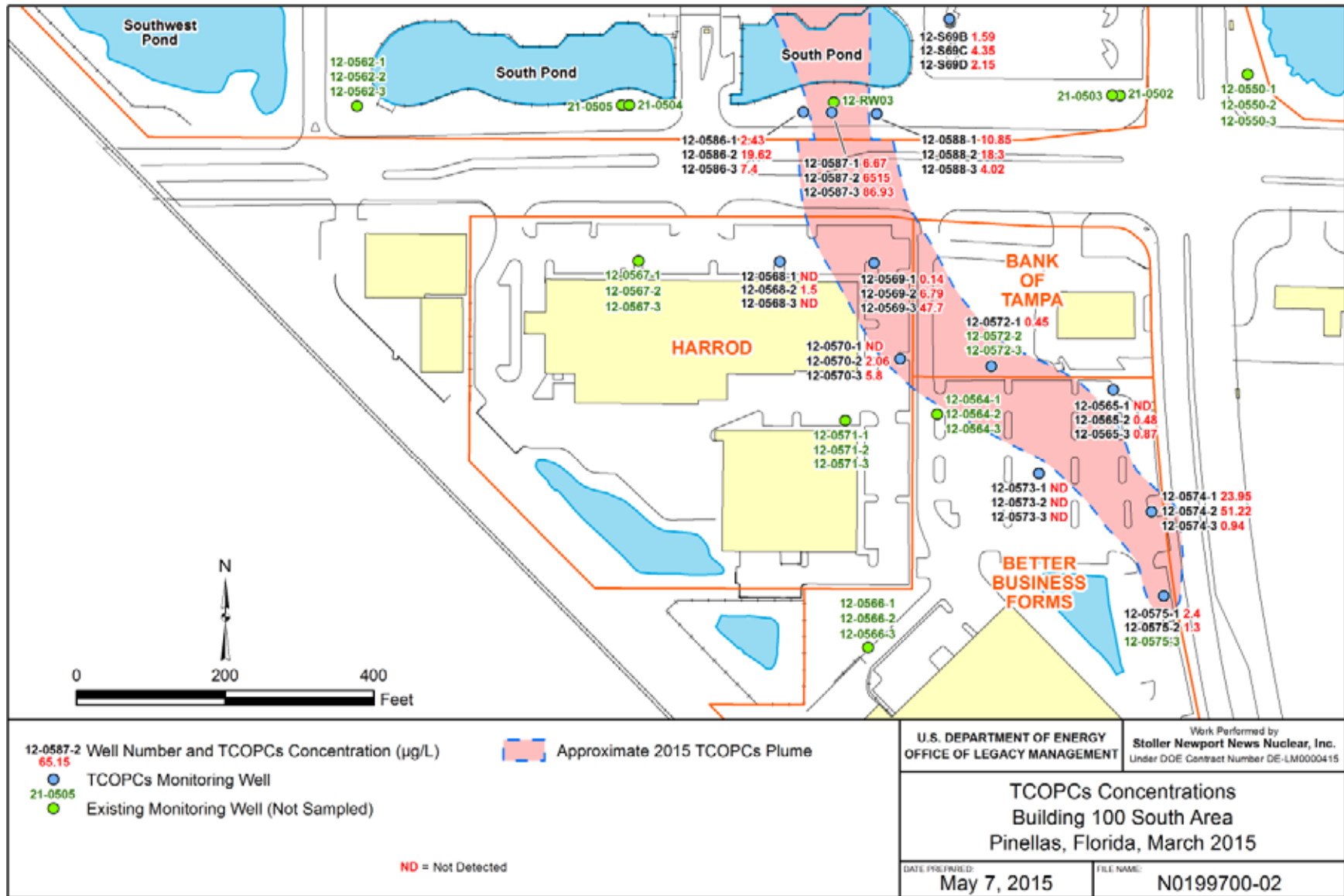


Figure 4. Building 100 Area Shallow Surficial Aquifer Flow, March 2015



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Figure 5. Building 100 Area Deep Surficial Aquifer Flow, March 2015



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Figure 7. Building 100 Area South TCOPCs Concentrations, March 2015

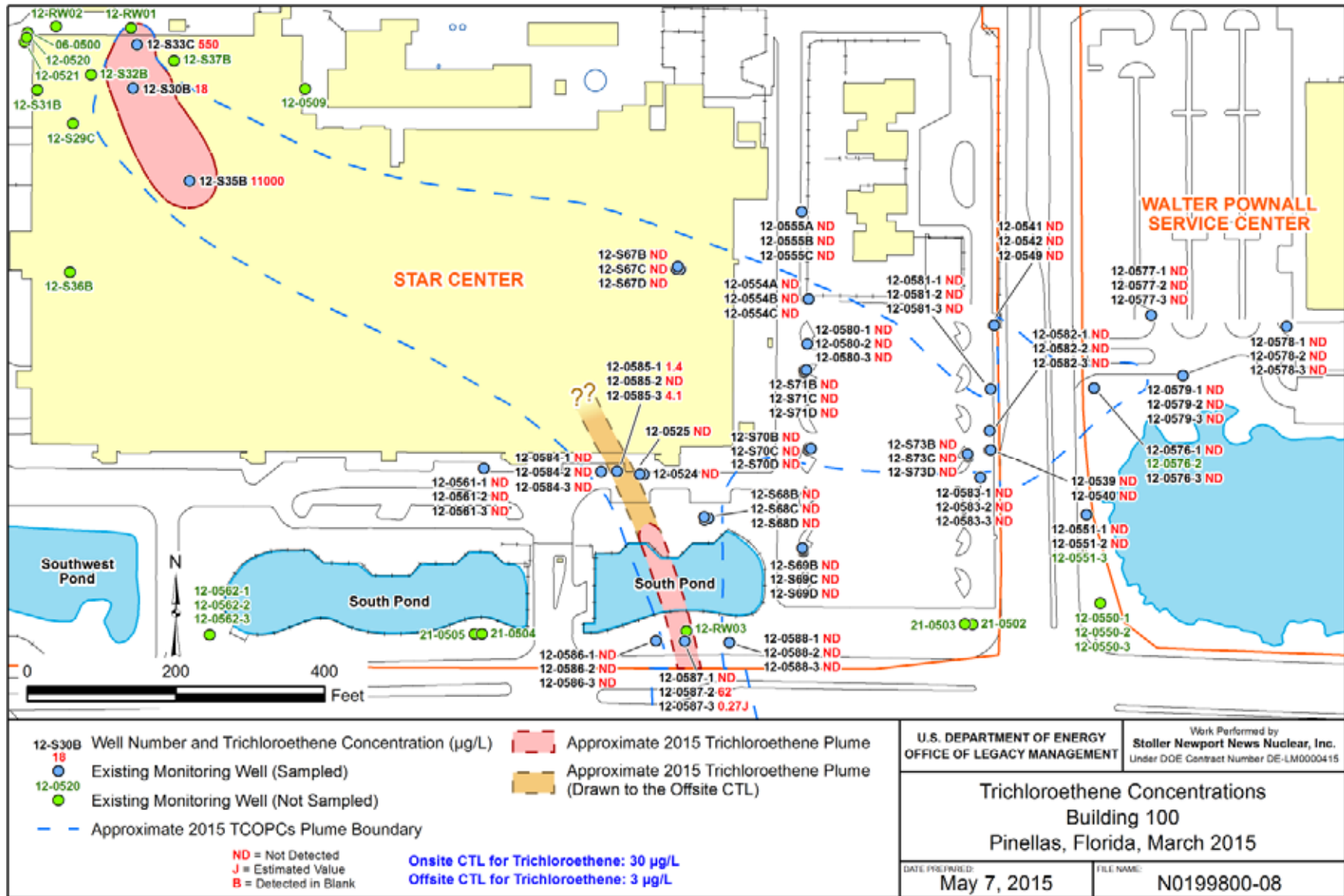
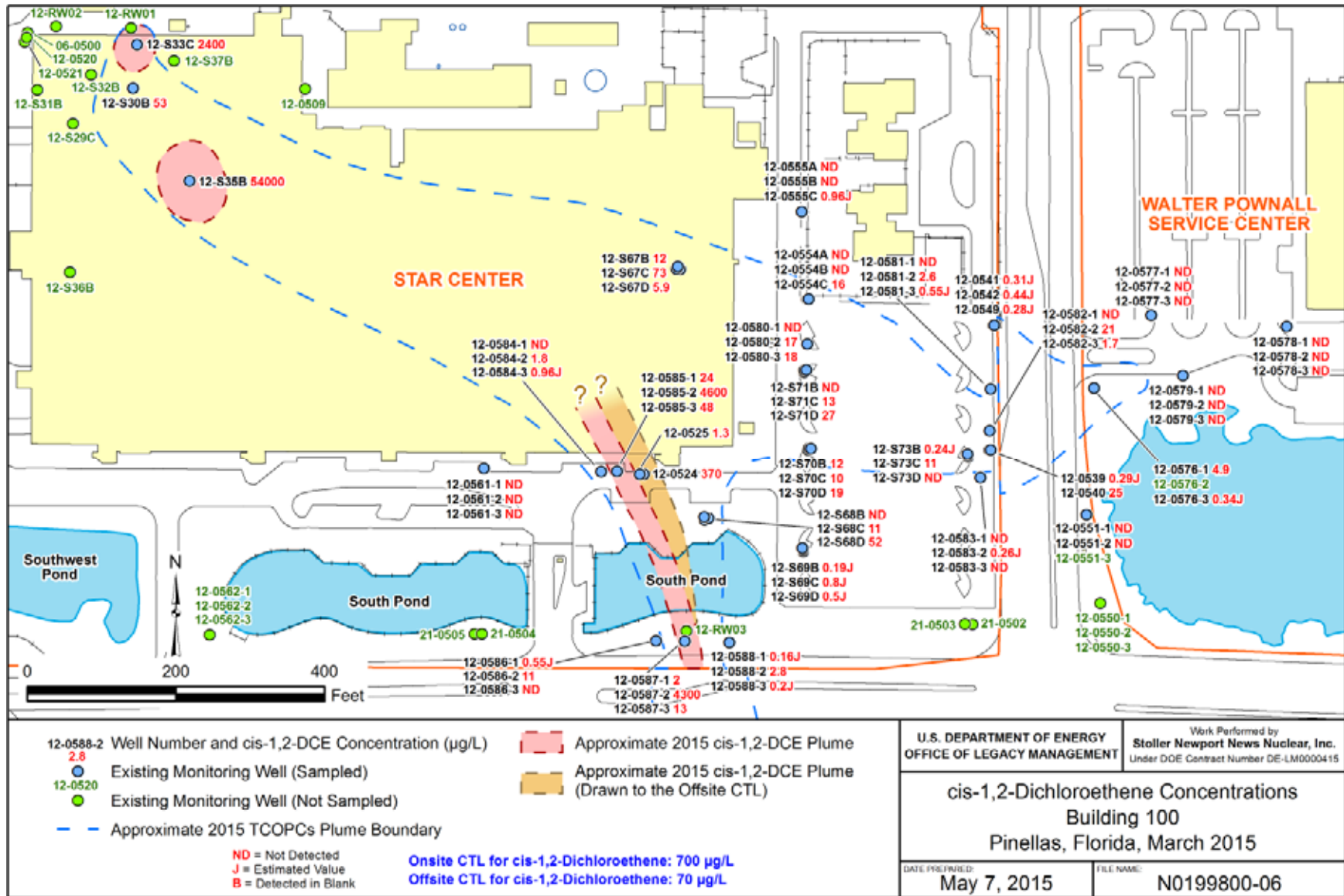
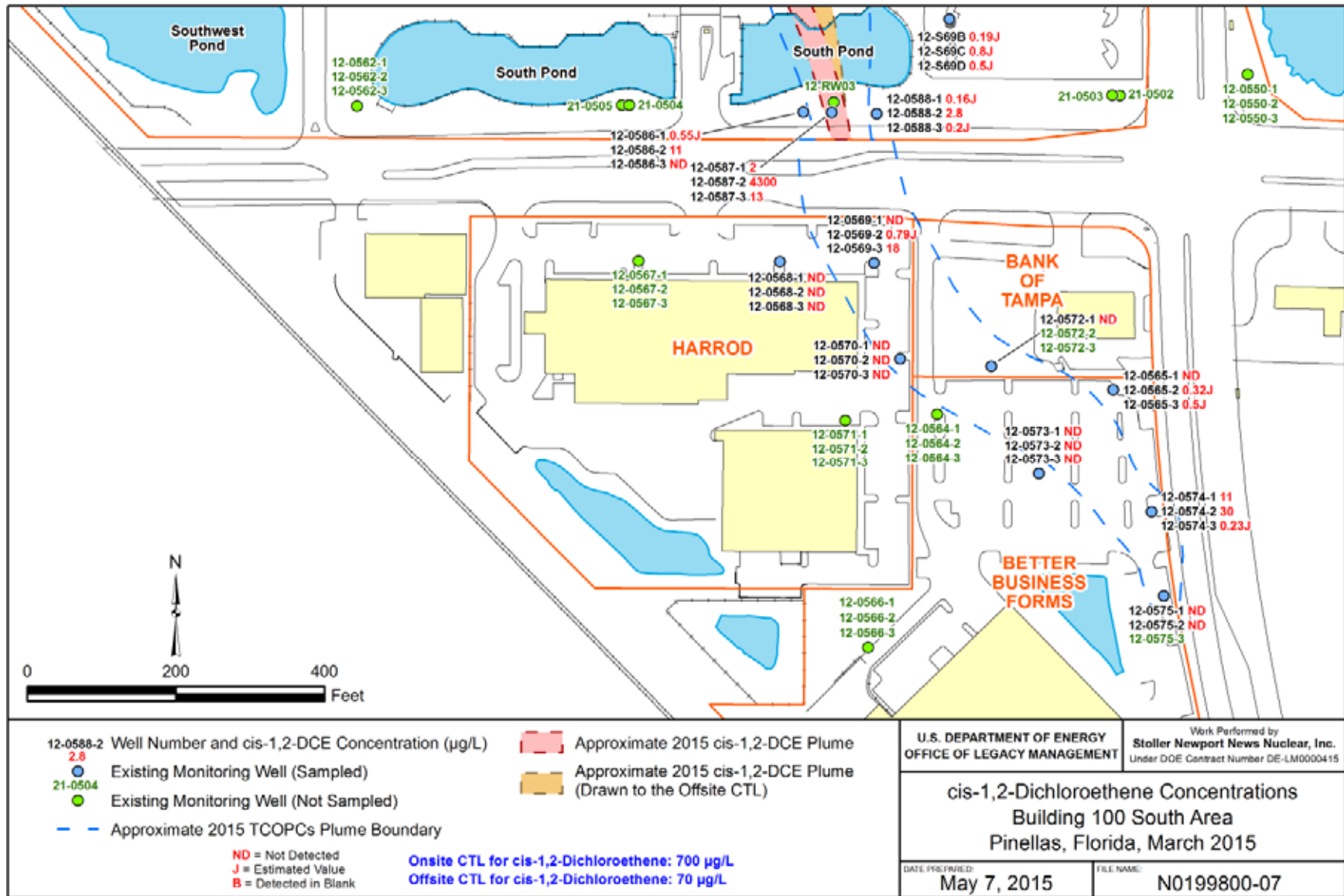


Figure 8. Building 100 Area TCE Concentrations, March 2015



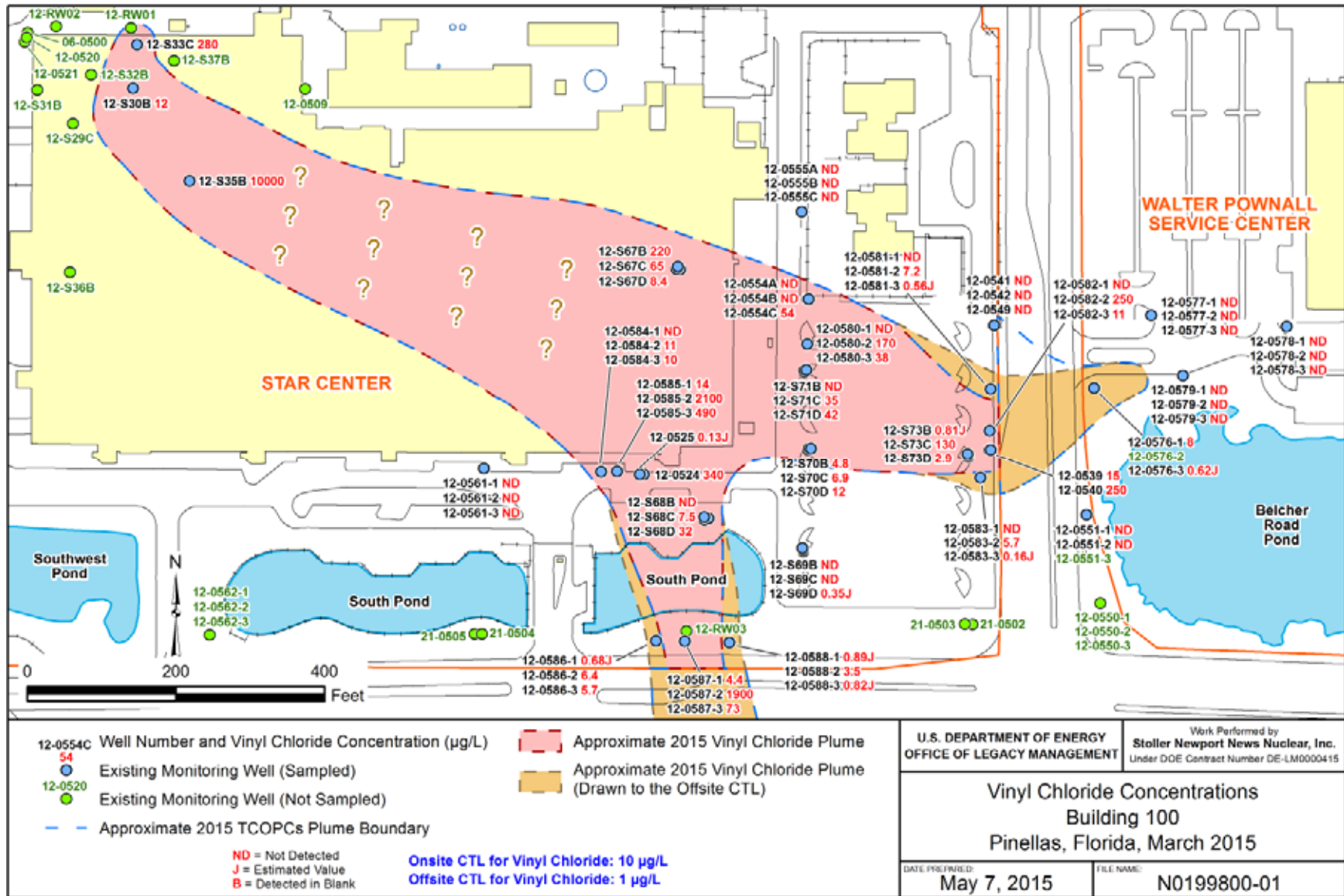
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Figure 9. Building 100 Area cDCE Concentrations, March 2015



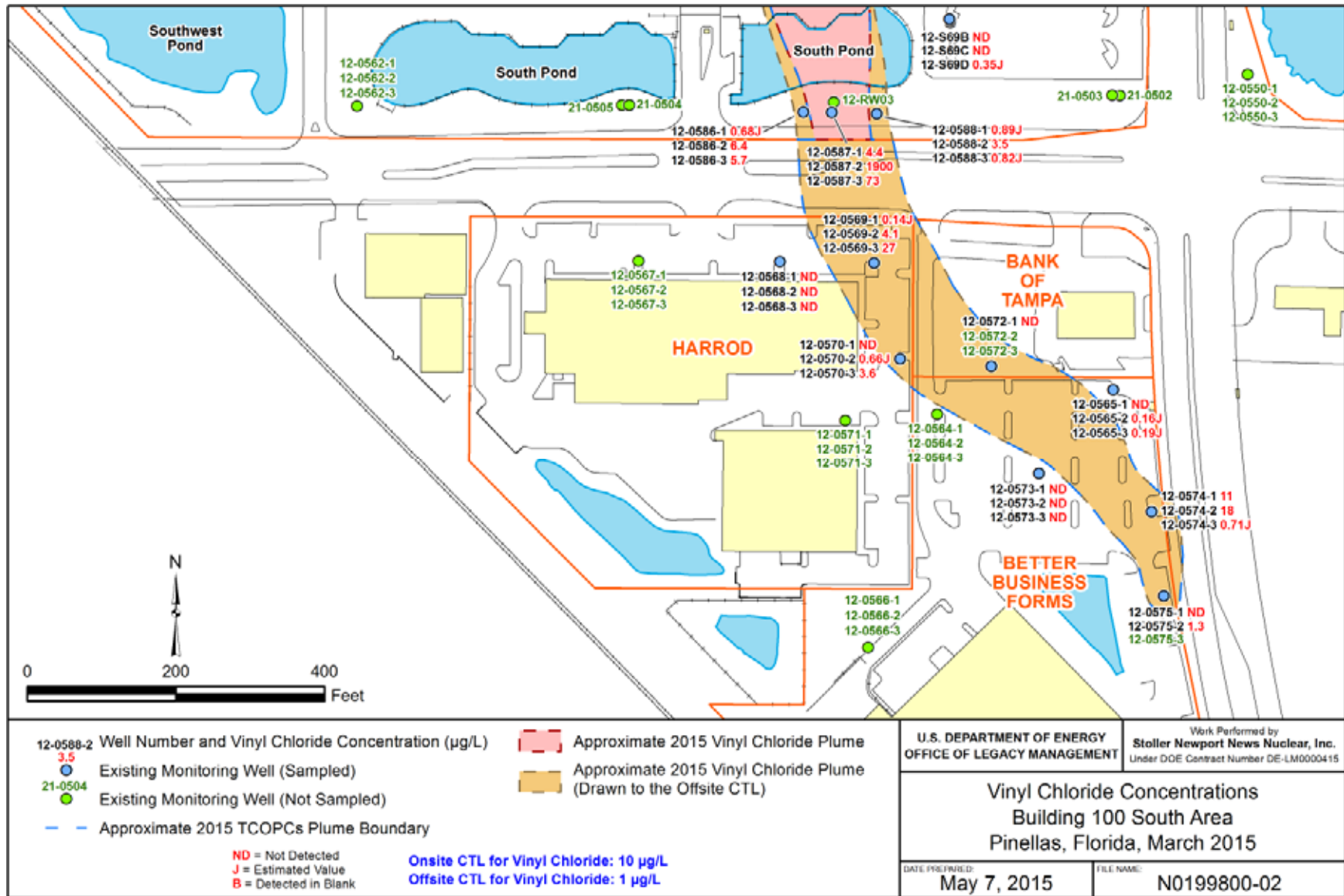
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Figure 10. Building 100 Area South cDCE Concentrations, March 2015



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Figure 11. Building 100 Area VC Concentrations, March 2015



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Figure 12. Building 100 Area South VC Concentrations, March 2015

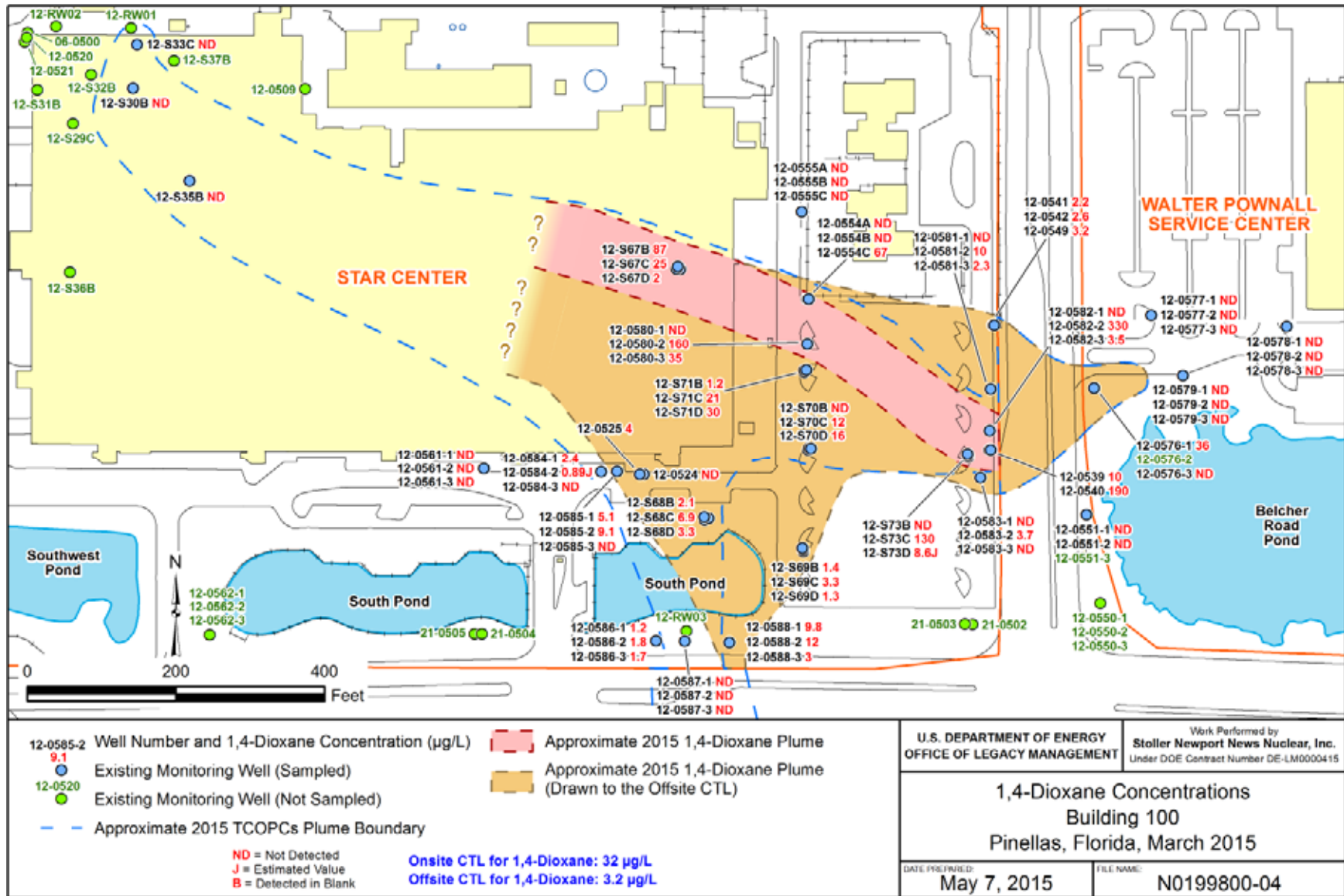
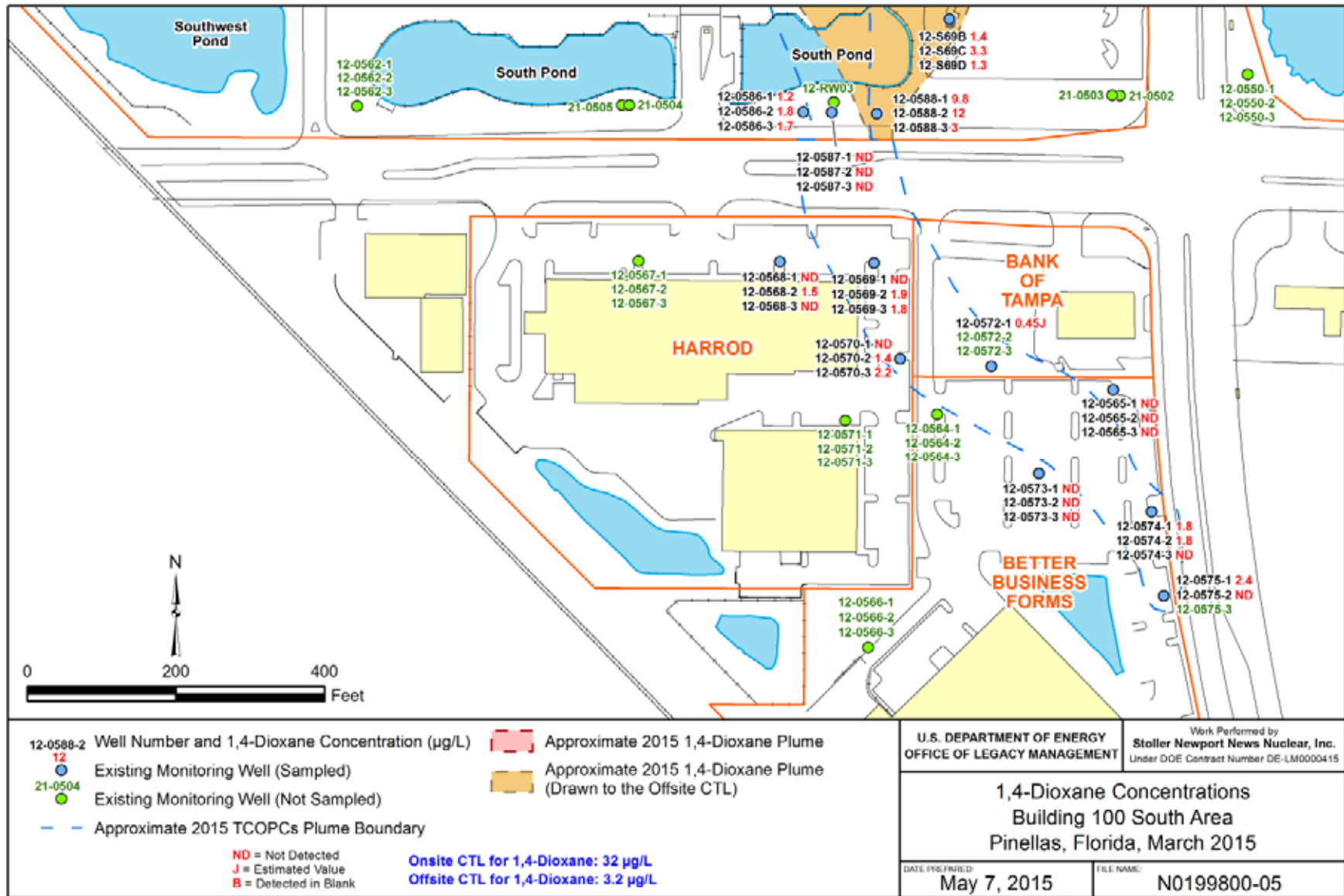


Figure 13. Building 100 Area 1,4-Dioxane Concentrations, March 2015



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Figure 14. Building 100 Area South 1,4-Dioxane Concentrations, March 2015

Table 1. Groundwater-Level Data at the STAR Center, March 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
PIN02	Sitewide Piezometers			
PZ03	3/4/2015	10:46	3.44	16.26
PZ04	3/4/2015	11:00	1.56	16.64
PZ05	3/4/2015	10:52	1.66	16.44
PZ08	3/4/2015	11:28	3.14	15.26
PZ09	3/4/2015	11:39	3.05	14.95
PZ10	3/4/2015	10:44	4.22	14.66
PZ11	3/4/2015	10:43	2.18	16.70
Building 100 Area				
PIN06				
0500	3/4/2015	12:15	2.40	15.60
PIN12				
0509	3/4/2015	12:37	2.88	15.16
0520	3/4/2015	12:28	2.41	15.60
0521	3/4/2015	12:31	2.55	15.50
0524	3/4/2015	16:09	3.17	14.24
0525	3/4/2015	16:05	3.38	14.04
0527	3/4/2015	11:11	11.15	6.92
0528	3/4/2015	13:42	10.72	6.88
0539	3/4/2015	15:17	2.94	13.66
0540	3/4/2015	15:20	2.44	13.66
0541	3/4/2015	15:50	4.06	13.60
0542	3/4/2015	15:51	3.94	13.76
0549	3/4/2015	15:52	3.98	13.68
0550-1	3/4/2015	14:14	2.11	12.59
0550-2	3/4/2015	14:20	1.97	12.73
0550-3	3/4/2015	14:20	1.91	12.79
0551-1	3/4/2015	14:10	2.92	12.48
0551-2	3/4/2015	14:13	2.48	12.92
0551-3	3/4/2015	14:14	2.75	12.65
0554A	3/4/2015	16:25	3.85	14.39
0554B	3/4/2015	16:25	3.98	14.26
0554C	3/4/2015	16:26	4.00	14.24
0555A	3/4/2015	16:13	3.07	14.82
0555B	3/4/2015	16:16	3.43	14.46
0555C	3/4/2015	16:17	3.44	14.45
0561-1	3/4/2015	15:40	3.63	14.59
0561-2	3/4/2015	15:52	3.69	14.53
0561-3	3/4/2015	15:53	3.69	14.53
0562-1	3/4/2015	14:28	4.79	13.47

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0562-2	3/4/2015	14:47	4.68	13.58
0562-3	3/4/2015	14:48	4.82	13.44
0564-1	3/4/2015	10:27	2.53	12.97
0564-2	3/4/2015	10:28	2.67	12.83
0564-3	3/4/2015	10:29	2.79	12.71
0565-1	3/4/2015	10:04	3.43	12.27
0565-2	3/4/2015	10:10	3.49	12.21
0565-3	3/4/2015	10:11	3.46	12.24
0566-1	3/4/2015	09:34	3.39	12.21
0566-2	3/4/2015	09:36	3.21	12.39
0566-3	3/4/2015	09:36	3.22	12.38
0567-1	3/4/2015	08:39	4.15	14.11
0567-2	3/4/2015	08:42	4.30	13.96
0567-3	3/4/2015	08:42	4.42	13.84
0568-1	3/4/2015	08:30	4.56	13.70
0568-2	3/4/2015	08:32	4.64	13.62
0568-3	3/4/2015	08:33	4.63	13.63
0569-1	3/4/2015	09:03	4.81	13.30
0569-2	3/4/2015	09:04	4.79	13.32
0569-3	3/4/2015	09:03	4.81	13.30
0570-1	3/4/2015	09:10	4.88	12.92
0570-2	3/4/2015	09:15	4.99	12.81
0570-3	3/4/2015	11:34	4.94	12.86
0571-1	3/4/2015	09:24	5.10	13.10
0571-2	3/4/2015	09:25	5.16	13.04
0571-3	3/4/2015	09:26	5.08	13.12
0572-1	3/4/2015	10:36	2.78	12.82
0572-2	3/4/2015	10:41	2.74	12.86
0573-1	3/4/2015	10:19	2.72	12.28
0573-2	3/4/2015	10:20	2.73	12.27
0573-3	3/4/2015	10:21	2.76	12.24
0574-1	3/4/2015	09:53	4.90	11.40
0574-2	3/4/2015	09:59	4.78	11.52
0574-3	3/4/2015	10:00	4.78	11.52
0575-1	3/4/2015	11:35	4.40	10.90
0575-2	3/4/2015	11:38	4.37	10.93
0576-1	3/4/2015	14:03	4.28	13.22
0576-2	3/4/2015	14:09	4.15	13.35
0576-3	3/4/2015	14:09	4.17	13.33
0577-1	3/4/2015	13:51	4.34	13.56
0577-2	3/4/2015	13:58	4.38	13.52

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0577-3	3/4/2015	13:59	4.38	13.52
0578-1	3/4/2015	13:41	4.14	13.66
0578-2	3/4/2015	13:47	4.16	13.64
0578-3	3/4/2015	13:48	4.17	13.63
0579-1	3/4/2015	14:25	3.90	13.50
0579-2	3/4/2015	14:27	3.95	13.45
0579-3	3/4/2015	14:28	3.96	13.44
0580-1	3/4/2015	16:31	4.25	14.25
0580-2	3/4/2015	16:34	4.35	14.15
0580-3	3/4/2015	16:35	4.36	14.14
0581-1	3/4/2015	15:38	3.68	13.68
0581-2	3/4/2015	15:38	3.66	13.70
0581-3	3/4/2015	15:39	3.65	13.71
0582-1	3/4/2015	15:29	3.07	13.66
0582-2	3/4/2015	15:30	3.04	13.69
0582-3	3/4/2015	15:31	3.05	13.68
0583-1	3/4/2015	15:00	2.83	13.68
0583-2	3/4/2015	15:00	2.82	13.69
0583-3	3/4/2015	15:01	2.82	13.69
0584-1	3/4/2015	15:53	3.19	14.41
0584-2	3/4/2015	16:00	3.28	14.32
0584-3	3/4/2015	16:01	3.32	14.28
0585-1	3/4/2015	16:02	3.15	14.34
0585-2	3/4/2015	16:04	3.25	14.24
0585-3	3/4/2015	16:05	3.42	14.07
0586-1	3/4/2015	15:17	3.65	13.75
0586-2	3/4/2015	15:24	3.56	13.84
0586-3	3/4/2015	15:24	3.57	13.83
0587-1	3/4/2015	15:15	3.71	13.79
0587-2	3/4/2015	15:05	3.76	13.74
0587-3	3/4/2015	15:15	3.80	13.70
0588-1	3/4/2015	15:25	3.63	13.77
0588-2	3/4/2015	15:38	3.71	13.69
0588-3	3/4/2015	15:39	3.71	13.69
PZ01	3/4/2015	14:00	4.35	13.15
PZ02	3/4/2015	13:48	5.31	13.59
PZ03	3/4/2015	13:36	3.46	13.44
S29C	3/4/2015	10:22	3.24	15.27
S30B	3/4/2015	10:32	3.23	15.28
S31B	3/4/2015	09:53	3.13	15.38
S32B	3/4/2015	10:14	3.10	15.41

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
S33C	3/4/2015	10:49	2.95	15.56
S35B	3/4/2015	10:58	3.64	14.87
S36B	3/4/2015	09:47	3.86	14.65
S37B	3/4/2015	10:40	3.10	15.41
S67B	3/4/2015	11:18	3.79	14.68
S67C	3/4/2015	11:39	3.74	14.73
S67D	3/4/2015	11:42	3.87	14.61
S68B	3/4/2015	17:19	3.59	14.31
S68C	3/4/2015	17:10	3.70	14.20
S68D	3/4/2015	17:18	3.76	14.14
S69B	3/4/2015	17:08	2.16	13.84
S69C	3/4/2015	17:09	2.19	13.81
S69D	3/4/2015	17:10	2.25	13.75
S70B	3/4/2015	16:58	2.52	14.18
S70C	3/4/2015	16:58	2.55	14.15
S70D	3/4/2015	16:55	2.65	14.05
S71B	3/4/2015	16:43	4.17	14.23
S71C	3/4/2015	16:41	4.22	14.18
S71D	3/4/2015	16:37	4.23	14.17
S73B	3/4/2015	15:07	–	–
S73C	3/4/2015	15:12	3.31	13.69
S73D	3/4/2015	15:15	3.35	13.65
PIN21				
0502	3/4/2015	13:11	1.97	13.23
0503	3/4/2015	14:55	1.95	13.25
0504	3/4/2015	14:55	3.72	13.88
0505	3/4/2015	14:49	3.38	14.02
PIN15	Northeast Site			
0506	3/4/2015	16:06	2.78	14.22
0507	3/4/2015	16:10	2.79	14.21
0513	3/4/2015	15:16	10.55	7.05
0520	3/4/2015	15:25	2.92	14.18
0530	3/4/2015	16:04	1.84	15.56
0534	3/4/2015	15:23	2.88	14.22
0535	3/4/2015	16:02	1.92	15.68
0537	3/4/2015	13:46	2.09	16.51
0568	3/4/2015	11:18	3.52	14.98
0569	3/4/2015	11:26	3.47	14.91
0573	3/4/2015	14:09	2.05	16.33
0574	3/4/2015	15:09	2.05	16.37
0594	3/4/2015	15:27	1.78	16.72

Table 1 (continued). Groundwater-Level Data at the STAR Center, March 2015

Location	Measurement		Water Depth (ft bls)	Groundwater Elevation (ft amsl)
	Date	Time		
0595	3/4/2015	13:53	1.93	16.67
M16D	3/4/2015	14:07	1.65	16.55
M16S	3/4/2015	14:04	1.66	16.54
M24D	3/4/2015	15:21	1.41	16.39
M33D	3/4/2015	15:21	0.67	16.93
PIN18	WWNA			
0503	3/4/2015	11:46	2.33	15.35
0507	3/4/2015	13:41	–	–
0526	3/4/2015	08:09	3.58	15.02

Abbreviations:

ft amsl = feet above mean sea level

ft bls = feet below land surface

– = not measured

Table 2. Surface Water Elevations, March 2015

Location	Measurement		Surface Water Elevation (ft amsl)
	Date	Time	
PIN01	Pond 5		
P501	3/4/2015	11:45	14.00
P502	3/4/2015	12:06	14.06
PIN02	West Pond		
W005	3/4/2015	12:08	14.00
PIN12	Belcher Road Pond		
BR01	3/4/2015	12:54	14.86
PIN15	East Pond		
E001	3/4/2015	12:40	14.01
PIN23	Southwest Pond		
SW01	3/4/2015	12:52	14.00
PIN37	South Pond		
S001	3/4/2015	12:49	13.96
S002	3/4/2015	12:45	13.98

Abbreviations:

ft amsl = feet above mean sea level

Table 3. Field Measurements of Samples Collected at the STAR Center, March 2015

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
PIN12							
0524	27–37	24.8	1,275	–	6.49	–12	0.6
0525	12–22	25.7	678	8	6.68	–49	0.6
0539	9.5–19.5	26.6	1,020	4	6.63	–60	1.0
0540	20–30	27.0	1,441	9	6.57	–63	0.4
0541	10–20	24.4	726	4	6.56	–16	0.9
0542	20–30	25.3	816	5	6.64	–47	0.5
0549	30–40	26.3	1,257	17	6.70	–45	0.6
0551-1	9–18	26.5	1,016	3	6.41	–23	0.5
0551-2	20–29	26.4	1,021	4	6.44	–27	0.4
0554A	3–13	23.6	780	1	6.29	–127	0.7
0554B	13–23	23.3	685	16	6.65	–38	1.4
0554C	23–33	23.9	818	14	6.78	–54	0.9
0555A	2.5–12.5	22.8	380	4	6.51	–125	0.4
0555B	13–23	24.2	402	3	6.99	–79	0.9
0555C	23–33	23.4	537	5	6.81	–65	0.6
0561-1	9–18	21.2	463	3	6.86	–15	0.6
0561-2	20–29	21.8	559	2	6.68	–11	0.5
0561-3	31–40	22.7	1,174	0.5	6.55	3	0.5
0565-1	9–18	25.4	1,272	2	6.71	–48	1.1
0565-2	20–29	26.0	1,200	1	6.68	–56	1.3
0565-3	31–40	26.8	1,418	1	6.63	–58	1.3
0568-1	9–18	22.1	1,609	5	6.56	–12	0.8
0568-2	20–29	23.6	1,344	3	6.51	–38	0.4
0568-3	31–40	23.5	1,612	1	6.60	–32	0.4
0569-1	9–18	24.8	2,078	6	6.53	–25	0.4
0569-2	20–29	26.0	963	10	6.58	–40	0.4
0569-3	31–40	26.3	1,149	3	6.58	–23	0.3
0570-1	9–18	23.4	2,055	3	6.50	–39	0.4
0570-2	20–29	24.4	1,748	1	6.53	–42	0.5
0570-3	31–40	24.5	1,240	2	6.54	–45	0.4
0572-1	9–18	–	–	8	–	–	–
0573-1	9–18	26.0	1,630	8	6.65	–69	1.0
0573-2	20–29	26.2	1,197	3	6.65	–66	1.2
0573-3	31–40	26.1	1,492	1	6.68	–57	1.2

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, March 2015

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0574-1	9-18	24.1	1,226	13	6.73	-57	0.8
0574-2	20-29	25.6	1,260	2	6.70	-40	1.1
0574-3	31-40	25.9	1,573	3	6.70	-30	1.1
0575-1	9-18	24.5	1,259	2	6.53	-33	0.4
0575-2	20-29	25.6	1,382	16	6.53	-32	0.4
0576-1	4-13	-	-	9	-	-	-
0576-3	26-35	-	-	18	-	-	-
0577-1	4-13	23.6	1,601	8	6.16	48	0.7
0577-2	15-24	24.9	1,126	2	6.28	5	0.5
0577-3	26-35	25.7	1,270	1	6.46	-9	0.4
0578-1	4-13	25.7	361	11	6.07	99	0.6
0578-2	15-24	28.0	866	2	6.26	-8	0.5
0578-3	26-35	28.1	1,078	2	6.33	5	0.4
0579-1	4-13	24.2	2,729	2	5.99	15	0.7
0579-2	15-24	25.3	1,086	8	6.39	-21	0.4
0579-3	26-35	25.7	1,454	3	6.55	-26	0.3
0580-1	9-18	26.2	596	1	6.82	-64	0.9
0580-2	20-29	27.0	1,070	1	6.71	-66	0.6
0580-3	31-40	26.7	1,452	2	6.70	-49	0.6
0581-1	9-18	24.8	1,117	1	6.58	-54	0.5
0581-2	20-29	25.0	1,202	8	6.63	-217	0.5
0581-3	31-40	26.8	1,351	1	6.68	-124	0.5
0582-1	9-18	26.4	1,422	1	6.76	-85	1.0
0582-2	20-29	26.9	1,219	1	6.64	-138	0.5
0582-3	31-40	27.0	1,448	2	6.61	-96	0.5
0583-1	9-18	28.0	810	10	6.44	-25	1.3
0583-2	20-29	28.6	1,637	1	6.52	-53	0.9
0583-3	31-40	28.6	1,548	1	6.58	-50	0.8
0584-1	9-18	23.1	605	11	6.79	-44	0.5
0584-2	20-29	24.2	960	6	6.59	-36	0.6
0584-3	31-40	24.7	1,422	4	6.60	-37	0.7
0585-1	9-18	22.4	716	2	6.83	-59	0.8
0585-2	20-29	23.5	1,183	10	6.44	-94	0.4
0585-3	31-40	24.7	1,582	35	6.44	-132	0.7
0586-1	8-17	22.6	551	10	6.56	-43	0.6

Table 3 (continued). Field Measurements of Samples Collected at the STAR Center, March 2015

Location	Screen Depth (ft bls)	Temperature (°C)	Specific Conductance (µmho/cm) ^a	Turbidity (NTU)	pH	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)
0586-2	19–28	23.8	594	12	6.51	–25	0.6
0586-3	30–39	24.4	1,316	3	6.61	–48	0.5
0587-1	9–18	24.3	998	20	6.51	–53	0.9
0587-2	20–29	–	–	12	–	–	–
0587-3	31–40	25.1	1,478	49	6.58	–82	1.0
0588-1	9–18	22.9	701	4	6.77	–40	0.7
0588-2	20–29	23.9	810	3	6.67	–61	0.6
0588-3	31–40	23.9	762	2	6.88	–66	0.6
S30B	5–15	22.2	836	5	6.62	–59	1.4
S33C	11–21	22.7	620	16	6.64	–64	0.6
S35B	5–15	22.4	1,596	7	6.30	38	0.7
S67B	10–19.83	22.0	1,023	1	6.50	–37	0.9
S67C	20–29.83	22.3	744	7	6.51	–38	1.1
S67D	30–39.83	22.4	865	20	6.53	–38	0.6
S68B	10–20	25.9	777	6	6.80	–81	0.5
S68C	18–28	26.4	1,010	14	6.50	–2	0.3
S68D	30–40	26.8	1,315	7	6.51	–16	0.4
S69B	10–20	27.1	657	8	6.90	–82	0.5
S69C	20–30	28.0	777	5	6.73	–32	0.6
S69D	30–40	28.0	1,587	15	6.70	–19	0.7
S70B	10–20	19.2	836	12	6.87	–22	0.7
S70C	20–30	22.0	1,288	13	6.67	–38	0.6
S70D	30–40	22.9	1,444	5	6.65	–26	0.8
S71B	10–20	24.1	667	7	6.72	–64	0.6
S71C	20–30	25.6	1,097	18	6.62	–26	0.6
S71D	30–40	27.1	1,491	12	6.65	–46	0.8
S73B	10–20	24.8	1,247	31	6.31	–162	6.2
S73C	20–30	25.7	1,553	11	6.58	–88	1.6
S73D	30–40	–	–	14	–	–	–

Notes:

^a Temperature corrected to 25 °C.

Abbreviations:

ft bls = feet below land surface
µmho/cm = micromhos per centimeter
mg/L = milligrams per liter
mV = millivolts
NTU = nephelometric turbidity units
– = not measured

Table 4. Relative Percent Difference for Duplicate Samples, March 2015 (reported in µg/L)

Sample ID	Duplicate ID	Analyte	Result	Duplicate Result	MDL	RPD
PIN12-0578-2	PIN12-2450	1,4-Dioxane	0.22	2.2	0.22	Range < 5x PQL
PIN12-0578-2	PIN12-2450	Acetone	3.3	2.2	1.9	Range < 5x PQL
PIN12-0581-2	PIN12-2451	1,1-Dichloroethane	5.5	6.0	0.22	9
PIN12-0581-2	PIN12-2451	1,1-Dichloroethene	0.27	0.31	0.23	Range < 5x PQL
PIN12-0581-2	PIN12-2451	1,4-Dioxane	10	11	0.22	10
PIN12-0581-2	PIN12-2451	<i>cis</i> -1,2-Dichloroethene	2.6	2.8	0.15	7
PIN12-0581-2	PIN12-2451	<i>trans</i> -1,2-Dichloroethene	0.26	0.27	0.15	Range < 5x PQL
PIN12-0581-2	PIN12-2451	Vinyl chloride	7.2	7.7	0.10	7
PIN12-0585-2	PIN12-2452	1,1-Dichloroethene	180	190	4.6	5
PIN12-0585-2	PIN12-2452	1,4-Dioxane	9.1	2.2	2.2	Range < 5x PQL
PIN12-0585-2	PIN12-2452	<i>cis</i> -1,2-Dichloroethene	4,600	4,600	30	0
PIN12-0585-2	PIN12-2452	<i>trans</i> -1,2-Dichloroethene	36	37	3.0	3
PIN12-0585-2	PIN12-2452	Vinyl chloride	2,100	2,100	20	0
PIN12-0585-3	PIN12-2453	1,1-Dichloroethene	1.6	1.6	0.46	Range < 5x PQL
PIN12-0585-3	PIN12-2453	1,4-Dioxane	0.22	3.2	0.44	Range < 5x PQL
PIN12-0585-3	PIN12-2453	2-Butanone	35	33	4.0	6
PIN12-0585-3	PIN12-2453	<i>cis</i> -1,2-Dichloroethene	48	49	0.30	2
PIN12-0585-3	PIN12-2453	Toluene	0.36	0.37	0.34	Range < 5x PQL
PIN12-0585-3	PIN12-2453	<i>trans</i> -1,2-Dichloroethene	5.5	5.4	0.30	2
PIN12-0585-3	PIN12-2453	Trichloroethene	4.1	4.1	0.32	0
PIN12-0585-3	PIN12-2453	Vinyl chloride	490	500	2.0	2
PIN12-0587-2	PIN12-2454	1,1-Dichloroethene	210	160	4.6	27
PIN12-0587-2	PIN12-2454	<i>cis</i> -1,2-Dichloroethene	4,300	4,800	30	11
PIN12-0587-2	PIN12-2454	Methylene chloride	50	31	6.4	Range < 5x PQL
PIN12-0587-2	PIN12-2454	<i>trans</i> -1,2-Dichloroethene	43	45	3.0	5
PIN12-0587-2	PIN12-2454	Trichloroethene	62	62	3.2	0
PIN12-0587-2	PIN12-2454	Vinyl chloride	1,900	2,100	20	10

Abbreviations:

MDL = method detection limit

PQL = practical quantitation limit

Table 5. COPCs Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
PIN12									
0524	27–37	3/9/2013	<0.32	570	7.1	16	600	<0.88	1,193.1
		9/14/2013	<0.64	640	6.7	18	420	1.4J	1,086.1
		3/8/2014	<0.32	650	5.9	13	450	0.92J	1,119.82
		9/13/2014	<0.32	500J	4.4J	9.8J	370J	1.6	885.8
		3/7/2015	<0.32	370	2.8	7	340	<0.44	719.8
0525	12–22	3/9/2013	<0.16	1.3	<0.15	<0.23	<0.1	<0.44	1.3
		9/14/2013	<0.16	1.3	<0.15	<0.23	<0.1	1.9J	3.2
		3/8/2014	<0.16	1.1	<0.15	<0.23	<0.1	2J	3.1
		9/13/2014	<0.16	1.1J	<0.15	<0.23	<0.1	3	4.1
		3/7/2015	<0.16	1.3	<0.15	<0.23	0.13J	4	5.43
0539	9.5–19.5	3/8/2013	<0.16	1.6	1.3	<0.23	53	38	93.9
		9/17/2013	<0.16	1.1	0.72J	<0.23	6.7	1.8	10.32
		3/11/2014	<0.16	0.26J	0.29J	<0.23	2.3	<1.2B	2.85
		9/16/2014	<0.16	<0.15	0.16J	<0.23	<0.1	<0.22	0.16
		3/9/2015	<0.16	0.29J	0.52J	<0.23	15	10	25.81
0540	20–30	3/8/2013	<0.16	12	6.8	<0.23	230	170J	418.8
		9/17/2013	<0.32	21	14	0.53J	300	260	595.53
		3/11/2014	<0.16	30J	13J	0.44J	270J	200BJ	513.44
		9/16/2014	<0.16	18	11	0.41J	260	190	479.41
		3/9/2015	<0.16	25	13	0.37J	250	190	478.37
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	1.42
		3/7/2014	<0.16	0.21J	<0.15	<0.23	<0.1	1.4J	1.61
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.67J	0.67
		3/9/2015	<0.16	0.31J	<0.15	<0.23	<0.1	2.2	2.51
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	3.12
		3/7/2014	<0.16	0.31J	<0.15	<0.23	<0.1	1.7J	2.01
		9/15/2014	<0.16	0.32J	<0.15	<0.23	<0.1	1.7	2.02
		3/9/2015	<0.16	0.44J	<0.15	<0.23	<0.1	2.6	3.04
0549	30–40	3/8/2013	<0.16	0.17J	<0.15	<0.23	<0.1	<0.44	0.17
		9/16/2013	<0.16	0.23J	<0.15	<0.23	<0.1	2.1	2.33
		3/7/2014	<0.16	0.26J	<0.15	<0.23	<0.1	3.5J	3.76
		9/15/2014	<0.16	0.27J	<0.15	<0.23	<0.1	4.7	4.97
		3/9/2015	<0.16	0.28J	<0.15	<0.23	<0.1	3.2	3.48

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0551-1	9–18	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0551-2	20–29	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/18/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.9	1.9
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554A	3–13	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2015	<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	17.36
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2014	<0.16	0.35J	<0.15	<0.23	<0.1	1.8	2.15
		3/6/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0554C	23–33	3/8/2013	<0.16	16	5.5	1	88	76	186.5
		9/13/2013	<0.16	17	7.1	1	69	73J	167.1
		3/7/2014	<0.16	19	6.6	0.81J	84	87	197.41
		9/15/2014	<0.16	15	4.8	0.67J	51	49	120.47
		3/6/2015	<0.16	16	4.7	0.59J	54	67	142.29
0555A	2.5–12.5	3/7/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0555B	13–23	3/7/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/6/2015	<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	1.53
		9/13/2013	<0.16	1.2	0.55J	<0.23	<0.1	<0.22	1.75
		3/6/2014	<0.16	1	0.44J	<0.23	<0.1	0.35J	1.79
		9/12/2014	<0.16	1	0.37J	<0.23	<0.1	<0.22	1.37
		3/6/2015	<0.16	0.96J	0.32J	<0.23	<0.1	<0.22	1.28

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0561-1	9–18	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/13/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-2	20–29	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/13/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0561-3	31–40	4/4/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.83J	0.83
		9/13/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0565-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2014	<0.16	0.18J	<0.15	<0.23	<0.1	<0.22	0.18
		3/5/2015	<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	0.57
		3/5/2014	<0.16	0.37J	<0.15	<0.23	0.21J	<0.22	0.58
		9/11/2014	<0.16	0.57J	<0.15	<0.23	0.38J	0.51J	1.46
		3/5/2015	<0.16	0.32J	<0.15	<0.23	0.16J	<0.22	0.48
0565-3	31–40	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	0.4J	<0.15	<0.23	<0.1	<0.22	0.4
		3/5/2014	<0.16	0.46J	<0.15	<0.23	0.17J	<0.22	0.63
		9/11/2014	<0.16	0.62J	0.2J	<0.23	<0.1	0.25J	1.07
		3/5/2015	<0.16	0.5J	0.18J	<0.23	0.19J	<0.22	0.87
0568-1	9–18	3/11/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0568-2	20–29	3/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	1.4	1.4
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.4J	1.4
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0568-3	31-40	3/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0569-1	9-18	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	0.14J	<0.22	0.14
0569-2	20-29	3/8/2013	<0.64	2.2J	<0.6	<0.92	<0.4	1.6J	3.8
		9/13/2013	<0.16	1.1	<0.15	<0.23	5.9	1.8	8.8
		3/10/2014	<0.16	0.83J	<0.15	<0.23	5	1.7	7.53
		9/16/2014	<0.16	1.1	<0.15	<0.23	5.2	1.8	8.1
		3/9/2015	<0.16	0.79J	<0.15	<0.23	4.1	1.9	6.79
0569-3	31-40	3/8/2013	<0.64	54	<0.6	2.5J	37	1.3J	94.8
		9/13/2013	<0.16	39	0.54J	1.4	35	<0.22	75.94
		3/10/2014	<0.16	41	0.6J	1.6	37	2	82.2
		9/16/2014	<0.16	28	0.37J	1	37	1.8	68.17
		3/9/2015	<0.16	18	0.25J	0.65J	27	1.8	47.7
0570-1	9-18	3/8/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/17/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<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	0.55
		9/13/2013	<0.16	<0.15	<0.15	<0.23	0.56J	1J	1.56
		3/7/2014	<0.16	<0.15	<0.15	<0.23	0.4J	0.88J	1.28
		9/17/2014	<0.16	<0.15	<0.15	<0.23	<0.1	2.4	2.4
		3/9/2015	<0.16	<0.15	<0.15	<0.23	0.66J	1.4	2.06
0570-3	31-40	3/13/2013	<0.16	<0.15	<0.15	<0.23	3.4	<0.44	3.4
		9/13/2013	<0.16	<0.15	<0.15	<0.23	3.7	1.7J	5.4
		3/7/2014	<0.16	<0.15	<0.15	<0.23	3.6	1.7J	5.3
		9/17/2014	<0.16	<0.15	<0.15	<0.23	2.2	3	5.2
		3/9/2015	<0.16	<0.15	<0.15	<0.23	3.6	2.2	5.8
0572-1	9-18	3/11/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/7/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	0.45J	0.45

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0572-2 ^e	20–29	3/11/2013	<0.8	200	1.7J	10	42	<0.44	253.7
		9/12/2013	<0.16	210	1.8	11J	59J	1.2	283
		3/7/2014	<0.16	210	1.8	8.6	35	1.1J	256.5
		9/16/2014	<0.16	120	1.2	5.1	30	1.1	157.4
0573-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0573-2	20–29	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.25J	0.25
		3/5/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0573-3	31–40	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.35J	0.35
		9/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.22J	0.22
		3/5/2015	<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	19.3
		9/17/2013	<0.16	5.9	<0.15	<0.23	14	1.3	21.2
		3/5/2014	<0.16	7.2	<0.15	<0.23	12	1.4	20.6
		9/11/2014	<0.16	11	0.15J	<0.23	14	1.2	26.35
		3/5/2015	<0.16	11	0.15J	<0.23	11	1.8	23.95
0574-2	20–29	3/11/2013	<0.16	17	0.28J	<0.23	18	<0.44	35.28
		9/17/2013	<0.16	13	0.2J	<0.23	26	<0.22	39.2
		3/5/2014	<0.16	14	0.22J	<0.23	20	1.2	35.42
		9/11/2014	<0.16	22	0.31J	0.47J	23	1.4	47.18
		3/5/2015	<0.16	30	0.42J	1	18	1.8	51.22
0574-3	31–40	3/11/2013	<0.16	0.59J	<0.15	<0.23	1	<0.44	1.59
		9/17/2013	<0.16	5.4	<0.15	<0.23	14	0.97J	20.37
		3/5/2014	<0.16	0.41J	<0.15	<0.23	1	<0.22	1.41
		9/11/2014	<0.16	0.2J	<0.15	<0.23	0.7J	<0.22	0.9
		3/5/2015	<0.16	0.23J	<0.15	<0.23	0.71J	<0.22	0.94
0575-1	9–18	3/6/2013	<0.64	<0.6	<0.6	<0.92	<0.4	1.9	1.9
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
		3/5/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.8	1.8
		9/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.4	1.4
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	2.4	2.4

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
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	0.89
		3/5/2014	<0.16	<0.15	<0.15	<0.23	1.2	0.67J	1.87
		9/11/2014	<0.16	<0.15	<0.15	<0.23	1.2	0.75J	1.95
		3/10/2015	<0.16	<0.15	<0.15	<0.23	1.3	<0.22	1.3
0576-1	4–13	3/13/2013	<0.16	7.4	0.17J	2	15	36	60.57
		9/12/2013	<0.16	5.3	<0.15	1.4	12	33	51.7
		3/10/2014	<0.16	4.4	<0.15	1.1	4.9	22J	32.4
		9/15/2014	<0.16	6.4	0.25J	2	9.5	33	51.15
		3/11/2015	<0.16	4.9	0.16J	1.1	8	36	50.16
0576-2 ^e	15–24	3/13/2013	<0.16	8.9	0.21J	2.4	17	27J	55.51
		9/12/2013	<0.16	6.2	<0.15	1.6	13	35	55.8
		3/10/2014	<0.16	4.7	<0.15	1.3	4.9	24J	34.9
		9/15/2014	<0.16	7.1	0.28J	1.6	9.2	32	50.18
0576-3	26–35	3/13/2013	<0.16	0.46J	<0.15	<0.23	1.2	<0.88	1.66
		9/12/2013	<0.16	0.23J	<0.15	<0.23	0.67J	<0.22	0.9
		3/11/2014	<0.16	0.35J	<0.15	<0.23	0.68J	<0.22	1.03
		9/15/2014	<0.16	0.54J	<0.15	<0.23	0.93J	<0.22	1.47
		3/11/2015	<0.16	0.34J	<0.15	<0.23	0.62J	<0.22	0.96
0577-1	4–13	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.8JB	ND
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2015	<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
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.66JB	ND
		9/15/2014	0.49J	<0.15	<0.15	<0.23	<0.1	<0.22	0.49
		3/11/2015	<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
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.61JB	ND
		9/15/2014	0.42J	<0.15	<0.15	<0.23	<0.1	<0.22	0.42
		3/11/2015	<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
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.3JHJ	0.3
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<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 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0578-2	15–24	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.6B	1.6
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.35J	0.35
		3/10/2015	<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
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.43JB	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<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
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2014	0.29J	<0.15	<0.15	<0.23	<0.1	<0.22	0.29
		3/10/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0579-2	15–24	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/11/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.26J	0.26
		9/15/2014	0.27J	<0.15	<0.15	<0.23	<0.1	<0.22	0.27
		3/10/2015	<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
		3/10/2014	<0.64	<0.6	<0.6	<0.92	<0.4	<0.22	ND
		9/15/2014	0.25J	<0.15	<0.15	<0.23	<0.1	<0.22	0.25
		3/10/2015	<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	8.74
		9/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<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	349.58
		3/11/2014	<0.16	13	5	<0.23	130	130B	278
		9/16/2014	<0.16	17	6.7	<0.23	170	150	343.7
		3/10/2015	<0.16	17	6.9	<0.23	170	160	353.9
0580-3	31–40	3/7/2013	<0.16	12	0.88J	<0.23	23	28	63.88
		9/13/2013	<0.16	16	3.2	0.39J	33	30J	82.59
		3/11/2014	<0.16	18	3.4	0.28J	40	31B	92.68
		9/16/2014	<0.16	16	3.4	0.23J	45	34	98.63
		3/10/2015	<0.16	18	3.8	0.23J	38	35	95.03

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0581-1	9-18	3/11/2013	<0.16	0.26J	<0.15	<0.23	0.5J	<0.44	0.76
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
0581-2	20-29	3/11/2013	<0.16	3.6	<0.15	0.47J	7.3J	<0.44	11.37
		9/16/2013	<0.16	7.2	0.61J	1.1	20	30	58.91
		3/10/2014	<0.16	7.6J	0.58J	0.99J	14J	27J	50.17
		9/15/2014	<0.16	1.7	<0.15	<0.23	3.4	9.5	14.6
		3/9/2015	<0.16	2.6	0.26J	0.27J	7.2	10	20.33
0581-3	31-40	3/11/2013	<0.32	<0.3	<0.3	<0.46	<0.2	<0.44	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	0.47J	<0.15	<0.23	0.48J	1.5	2.45
		9/15/2014	<0.16	0.63J	<0.15	<0.23	<0.1	4.2	4.83
		3/9/2015	<0.16	0.55J	<0.15	<0.23	0.56J	2.3	3.41
0582-1	9-18	3/11/2013	<0.16	<0.15	<0.15	<0.23	1.2	<0.44	1.2
		9/17/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/15/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/9/2015	<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	316.22
		9/17/2013	<0.16	21	5.3	0.8J	170	270	467.1
		3/10/2014	<0.16	17	4.9J	0.63J	110	150J	282.53
		9/15/2014	<0.16	21	5.3J	0.35J	250	290J	566.65
		3/9/2015	<0.16	21	7.5	0.39J	250	330	608.89
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	0.85
		3/10/2014	<0.16	0.56J	<0.15	<0.23	2.2	0.98J	3.74
		9/15/2014	<0.16	0.89J	<0.15	<0.23	3.3	3.3	7.49
		3/9/2015	<0.16	1.7	0.41J	<0.23	11	3.5	16.61
0583-1	9-18	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.71JB	ND
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<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	18.45
		9/18/2013	<0.16	0.38J	2.5	<0.23	13	4.1	19.98
		3/11/2014	<0.16	0.22J	2.4	<0.23	21	8.6B	32.22
		9/16/2014	<0.16	0.29J	0.72J	<0.23	6	3	10.01
		3/10/2015	<0.16	0.26J	0.37J	<0.23	5.7	3.7	10.03

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0583-3	31-40	3/12/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.88	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	0.17J	<0.23	0.76J	<0.88JB	0.93
		9/16/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/10/2015	<0.16	<0.15	<0.15	<0.23	0.16J	<0.22	0.16
0584-1	9-18	3/9/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/14/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/8/2014	<0.16	<0.15	<0.15	<0.23	0.25J	2.1	2.35
		9/13/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.8	1.8
		3/7/2015	<0.16	<0.15	<0.15	<0.23	<0.1	2.4	2.4
0584-2	20-29	3/9/2013	<0.16	0.35J	<0.15	<0.23	<0.1	<0.44	0.35
		9/14/2013	<0.16	0.34J	<0.15	<0.23	2.7	<0.22	3.04
		3/8/2014	<0.16	0.34J	<0.15	<0.23	4	0.98J	5.32
		9/13/2014	<0.16	0.76J	<0.15	<0.23	5.2	0.89J	6.85
		3/7/2015	<0.16	1.8	<0.15	<0.23	11	0.89J	13.69
0584-3	31-40	3/9/2013	<0.32	<0.3	<0.3	<0.46	1J	<0.44	1
		9/14/2013	<0.16	0.27J	<0.15	<0.23	3.3	<0.22	3.57
		3/8/2014	<0.16	0.35J	<0.15	<0.23	4.8	<0.22	5.15
		9/13/2014	<0.16	0.53J	<0.15	<0.23	7.8	<0.22	8.33
		3/7/2015	<0.16	0.96J	<0.15	<0.23	10	<0.22	10.96
0585-1	9-18	3/9/2013	5.3	59	0.41J	2.7	9.8	<0.44	77.21
		9/14/2013	4.2	36	0.41J	2.4	5.4	2.4J	50.81
		3/8/2014	0.17J	1.2	<0.15	<0.23	0.55J	2.3	4.22
		9/13/2014	<0.16	1.2	<0.15	<0.23	<0.1	3.8	5
		3/7/2015	1.4	24	0.45J	1.7	14	5.1	46.65
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
		3/8/2014	1,400J	5,300	29	290	590	3.1J	7,612.1
		9/13/2014	1,700	6,300	59	540	900	4.6	9,503.6
		3/7/2015	<3.2	4,600	36	180	2,100	9.1	6,925.1
0585-3	31-40	3/9/2013	0.71J	140	1.1	4	200	<0.44	345.81
		9/14/2013	24	230	5.6	11	900	1.3J	1,171.9
		3/8/2014	11	430	8.2	17	1,200	1.5	1,667.7
		9/13/2014	29	540	12	22	1,400	2.3	2,005.3
		3/7/2015	4.1	48	5.5	1.6J	490	<0.22	549.2
0586-1	8-17	3/13/2013	<0.16	0.36J	<0.15	<0.23	<0.1	<0.44	0.36
		9/17/2013	<0.16	0.35J	<0.15	<0.23	0.13J	<0.22	0.48
		3/7/2014	<0.16	0.34J	<0.15	<0.23	<0.1	0.62J	0.96
		9/18/2014	<0.16	0.28J	<0.15	<0.23	<0.1	10	10.28
		3/12/2015	<0.16	0.55J	<0.15	<0.23	0.68J	1.2	2.43

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
0586-2	19–28	3/13/2013	<0.16	3	<0.15	<0.23	2.9	<0.44	5.9
		9/17/2013	<0.16	10	<0.15	0.39J	5.6	0.91J	16.9
		3/10/2014	<0.16	13	<0.15	0.44J	5.8	1	20.24
		9/18/2014	<0.16	10	<0.15	0.52J	5	3.6	19.12
		3/12/2015	<0.16	11	<0.15	0.42J	6.4	1.8	19.62
0586-3	30–39	3/13/2013	<0.16	0.53J	<0.15	<0.23	1.5	<0.44	2.03
		9/17/2013	<0.16	<0.15	<0.15	<0.23	2.9	<0.22	2.9
		3/10/2014	<0.16	<0.15	<0.15	<0.23	2.8	0.46J	3.26
		9/18/2014	<0.16	<0.15	<0.15	<0.23	5.2	0.47J	5.67
		3/12/2015	<0.16	<0.15	<0.15	<0.23	5.7	1.7	7.4
0587-1	9–18	3/13/2013	<0.16	50	0.3J	1.3	13	<0.44	64.6
		9/17/2013	<0.32	510	4.4	22	250	<0.22	786.4
		3/12/2014	1.4J	670	5.6	30	310	0.74J	1,017.74
		9/18/2014	<0.16	60	0.94J	2.2	86	0.7J	149.84
		3/12/2015	<0.16	2	0.27J	<0.23	4.4	<0.22	6.67
0587-2	20–29	3/13/2013	<0.16	190	1.4	7.9J	71	<0.44	270.3
		9/17/2013	<1.6	2,000	11	81	400	2.6	2,494.6
		3/12/2014	66J	3,400	19	160	480J	2.2J	4,127.2
		9/18/2014	360J	7,600	50	400J	1,500	5.2	9,915.2
		3/12/2015	62	4,300	43	210J	1,900	<0.88	6,515
0587-3	31–40	3/13/2013	<0.16	280	2.2	16	130	<0.44	428.2
		9/18/2013	<0.16	0.4J	<0.15	<0.23	42	1.2	43.6
		3/12/2014	1.1	23	0.65J	2.5	93	1.3J	121.55
		9/18/2014	0.81J	260	3.9	13	550	3.2	830.91
		3/12/2015	0.27J	13	0.37J	0.29J	73	<0.88	86.93
0588-1	9–18	3/14/2013	<0.64	<0.6	<0.6	<0.92	<0.4	<0.44	ND
		9/18/2013	<0.16	0.63J	<0.15	<0.23	0.57J	<0.22	1.2
		3/12/2014	<0.16	0.42J	<0.15	<0.23	<0.1	<0.22	0.42
		9/18/2014	<0.16	0.23J	<0.15	<0.23	0.26J	<0.22	0.49
		3/12/2015	<0.16	0.16J	<0.15	<0.23	0.89J	9.8	10.85
0588-2	20–29	3/14/2013	<0.16	12	<0.15	<0.23	16	6.6	34.6
		9/18/2013	<0.16	6.2	<0.15	<0.23	7.8	6.7	20.7
		3/12/2014	<0.16	3.2	<0.15	<0.23	4.8	6.9J	14.9
		9/18/2014	<0.16	1.3	<0.15	<0.23	2.6	8.7	12.6
		3/12/2015	<0.16	2.8	<0.15	<0.23	3.5	12	18.3
0588-3	31–40	3/14/2013	<0.16	0.87J	<0.15	<0.23	1.4	<0.44	2.27
		9/18/2013	<0.16	0.54J	<0.15	<0.23	2.4	<0.22	2.94
		3/12/2014	<0.16	0.33J	<0.15	<0.23	2.7	0.92J	3.95
		9/18/2014	<0.16	0.24J	<0.15	<0.23	0.62J	1.2	2.06
		3/12/2015	<0.16	0.2J	<0.15	<0.23	0.82J	3	4.02

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
S30B ^d	5–15	3/8/2013	23	43	4.5	0.54J	10	<0.44	81.04
		9/13/2013	6.7	15	1.6	<0.23	5.2	0.82J	29.32
		3/6/2014	15	34	3.9	0.35J	4.7	1	58.95
		9/12/2014	12	23	2.8	0.28J	5.7	<0.22	43.78
		3/6/2015	18	53	6.3	0.62J	12	<0.22	89.92
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
		3/6/2014	210	1,000	61	33	180	<0.22	1,484
		9/12/2014	86J	280J	17J	11J	68J	<0.22	462
		3/6/2015	550	2,400	130	73	280	<2.2	3,433
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	97,103.5
		3/6/2014	6,400	44,000	5,900	860	11,000	<4.4	68,160
		9/12/2014	10,000	48,000	6,000	830	9,900	<2.2	74,730
		3/6/2015	11,000	54,000	6,700	930	10,000	<22	82,630
S67B	10–19.83	3/7/2013	<0.16	13	3.3	<0.23	250	91	357.3
		9/13/2013	<0.16	13	3.3	<0.23	230	89J	335.3
		3/6/2014	<0.16	13	3	<0.23	230	84	330
		9/12/2014	0.2J	12J	3.3J	0.24J	180J	72J	267.74
		3/6/2015	<0.16	12	3	<0.23	220	87	322
S67C	20–29.83	3/7/2013	<0.16	48	9.7	0.64J	65	<0.88	123.34
		9/13/2013	<0.16	43	8.3	0.52J	110	45J	206.82
		3/6/2014	<0.16	57	10	0.61J	120	49	236.61
		9/12/2014	0.64J	62J	12J	0.69J	210J	120J	405.33
		3/6/2015	<0.16	73	14	0.75J	65	25	177.75
S67D	30–39.83	3/7/2013	<0.16	6.2	1.9	<0.23	11	<0.22	19.1
		9/13/2013	<0.16	6	1.9	<0.23	9.1	1.3	18.3
		3/6/2014	<0.16	6.1	2.1	<0.23	10	1.5	19.7
		9/12/2014	0.27J	7.5	2.6	<0.23	7.7	2.1	20.17
		3/6/2015	<0.16	5.9	2	<0.23	8.4	2	18.3
S68B	10–20	3/13/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.44	ND
		9/18/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.48J	0.48
		9/17/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	2.1	2.1
S68C	18–28	3/13/2013	<0.64	5.3	<0.6	<0.92	<0.4	4.5	9.8
		9/18/2013	<0.16	22	0.32J	<0.23	16	4.9	43.22
		3/12/2014	<0.16	14	0.23J	<0.23	11	2.7J	27.93
		9/17/2014	<0.16	18	0.37J	<0.23	6.6	5.8	30.77
		3/11/2015	<0.16	11	0.32J	<0.23	7.5	6.9	25.72

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level ^c			30	700	1,000	70	10	32	
S68D	30–40	3/13/2013	<0.64	41	<0.6	<0.92	16	3.3	60.3
		9/18/2013	<0.16	70	0.92J	<0.23	52	1.5	124.42
		3/12/2014	<0.16	57	0.78J	<0.23	44	2.1	103.88
		9/17/2014	<0.16	54	0.81J	<0.23	27	1.9	83.71
		3/11/2015	<0.16	52	0.94J	<0.23	32	3.3	88.24
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	0.21
		3/12/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.9J	0.9
		9/18/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.5	1.5
		3/11/2015	<0.16	0.19J	<0.15	<0.23	<0.1	1.4	1.59
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	1.07
		3/19/2014	<0.16	<0.15	<0.15	<0.23	<0.1	0.53J	0.53
		9/18/2014	<0.16	0.56J	0.16J	<0.23	0.34J	1	2.06
		3/11/2015	<0.16	0.8J	0.25J	<0.23	<0.1	3.3	4.35
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	0.63
		3/12/2014	<0.16	0.34J	<0.15	<0.23	0.4J	0.22J	0.96
		9/18/2014	<0.16	0.45J	<0.15	<0.23	0.44J	0.65J	1.54
		3/11/2015	<0.16	0.5J	<0.15	<0.23	0.35J	1.3	2.15
S70B	10–20	3/12/2013	<0.16	15	0.47J	<0.23	7.5	<0.22	22.97
		9/14/2013	<0.16	13	0.44J	<0.23	4.7	<0.22	18.14
		3/12/2014	<0.16	12	0.37J	<0.23	5.3	0.5J	18.17
		9/13/2014	<0.16	14J	0.55J	<0.23	5.6J	<0.22	20.15
		3/7/2015	<0.16	12	0.54J	<0.23	4.8	<0.22	17.34
S70C	20–30	3/12/2013	<0.16	19	7.2	0.47J	22	15	63.67
		9/14/2013	<0.16	13	4.2	<0.23	11	15J	43.2
		3/12/2014	<0.16	12	3.6	0.26J	13	19B	47.86
		9/13/2014	<0.16	12J	3.6J	<0.23	10J	15	40.6
		3/7/2015	<0.16	10	2.8	<0.23	6.9	12	31.7
S70D	30–40	3/12/2013	<0.16	23	9.2	0.68J	19	12	63.88
		9/14/2013	<0.16	18	6.4	0.4J	12	15J	51.8
		3/12/2014	<0.16	18	6.5	0.46J	15	13B	52.96
		9/13/2014	<0.16	20J	7.4J	0.49J	14J	15	56.89
		3/7/2015	<0.16	19	6.6	0.6J	12	16	54.2
S71B	10–20	3/9/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/16/2013	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		3/11/2014	<0.16	<0.15	<0.15	<0.23	<0.1	<0.22	ND
		9/17/2014	<0.16	<0.15	<0.15	<0.23	<0.1	1.2	1.2
		3/11/2015	<0.16	<0.15	<0.15	<0.23	<0.1	1.2	1.2

Table 5 (continued). COPC Concentrations at the Building 100 Area Since March 2013 ($\mu\text{g/L}$)^a

Location	Screen Depth (ft bls)	Date Sampled	TCE	cDCE	tDCE	1,1-DCE	Vinyl Chloride	1,4-Dioxane	TCOPCs ^b
Cleanup Target Level^c			30	700	1,000	70	10	32	
S71C	20–30	3/9/2013	<0.16	18	10	0.29J	44	34	106.29
		9/16/2013	<0.16	32	17	0.44J	58	46	153.44
		3/12/2014	<0.16	19	11	0.27J	57	22J	109.27
		9/17/2014	<0.16	5.8	3.5	<0.23	12	13	34.3
		3/11/2015	<0.16	13	8	<0.23	35	21	77
S71D	30–40	3/9/2013	<0.16	29	17	0.6J	60	<0.44	106.6
		9/16/2013	<0.16	25	12	0.4J	48	17	102.4
		3/12/2014	<0.16	24	10	0.3J	48	17J	99.3
		9/17/2014	<0.16	22	9.4	0.29J	29	18	78.69
		3/11/2015	<0.16	27	12	0.5J	42	30	111.5
S73B	10–20	3/11/2013	<0.16	1.4	0.5J	<0.23	11	<0.44	12.9
		9/17/2013	<0.16	0.35J	0.16J	<0.23	0.96J	<0.22	1.47
		3/10/2014	<0.16	<0.15	<0.15	<0.23	0.88J	<0.22	0.88
		9/16/2014	<0.16	<0.15	<0.15	<0.23	0.36J	<0.22	0.36
		3/10/2015	<0.16	0.24J	0.16J	<0.23	0.81J	<0.22	1.21
S73C	20–30	3/11/2013	<0.16	18	17	0.47J	230	130	395.47
		9/17/2013	<0.16	4.7	6.3	<0.23	74	67	152
		3/10/2014	<0.16	5.1	6.5	<0.23	110	60	181.6
		9/16/2014	<0.16	11	14	<0.23	110	100	235
		3/10/2015	<0.16	11	14	0.27J	130	130	285.27
S73D	30–40	3/11/2013	<0.16	0.21J	<0.15	<0.23	0.47J	<0.88	0.68
		9/17/2013	<0.16	0.16J	<0.15	<0.23	1.1	2.3	3.56
		3/10/2014	<0.16	0.16J	0.4J	<0.23	2.8	4.8	8.16
		9/16/2014	<0.16	<0.15	0.72J	<0.23	5.9	8	14.62
		3/10/2015	<0.16	<0.15	0.43J	<0.23	2.9	8.6J	11.93

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.

^e Monitoring wells PIN12-0572-2 and PIN12-0576-2 were not sampled, as described in Section 3.1.

Abbreviations:

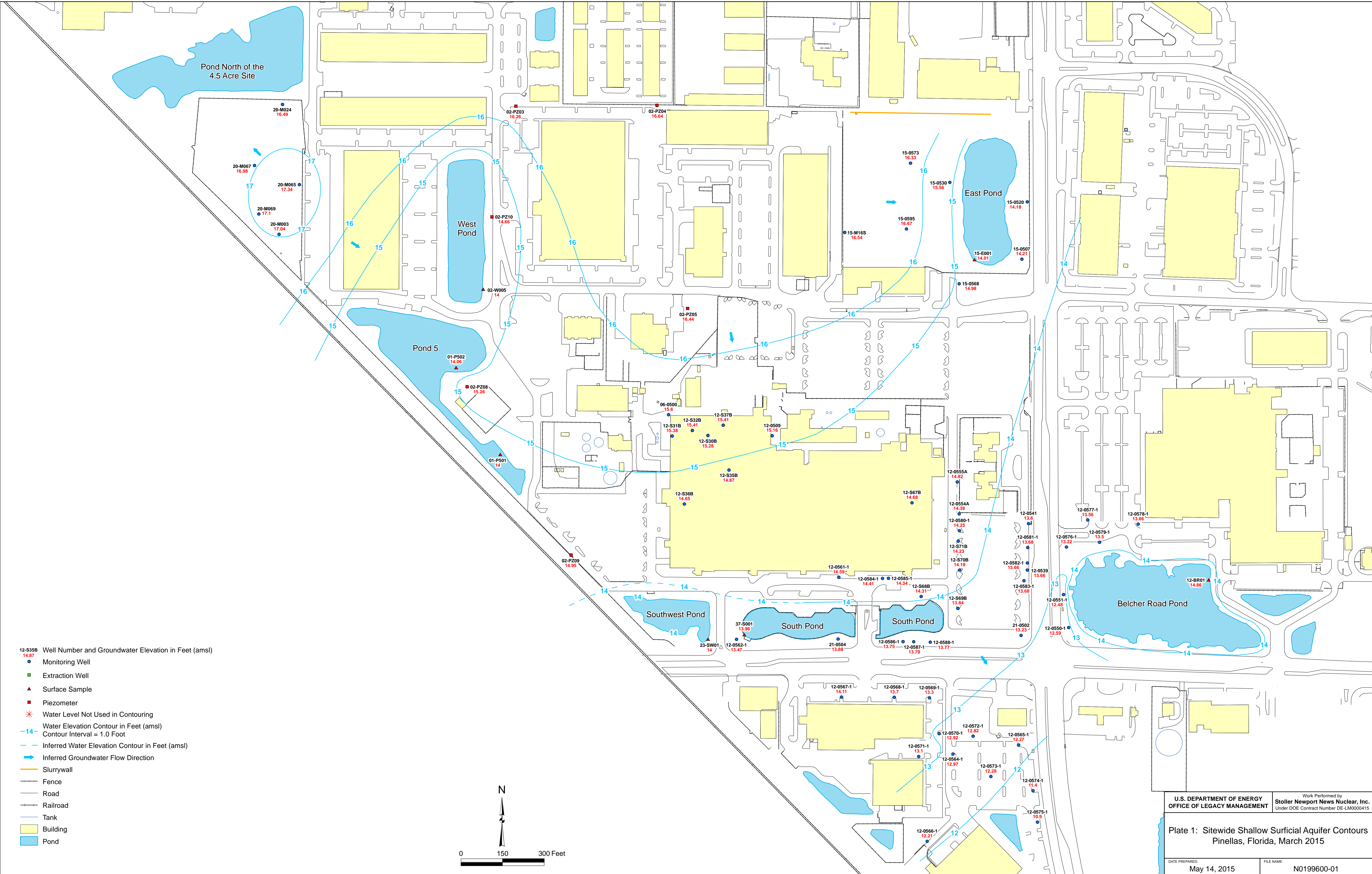
B = analyte present in associated method blank

ft bls = feet below land surface

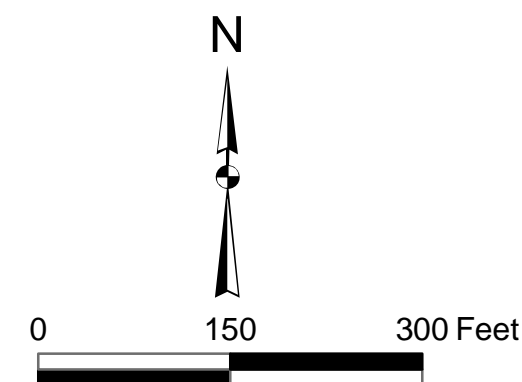
H = missed holding time

J = estimated value

ND = not detected

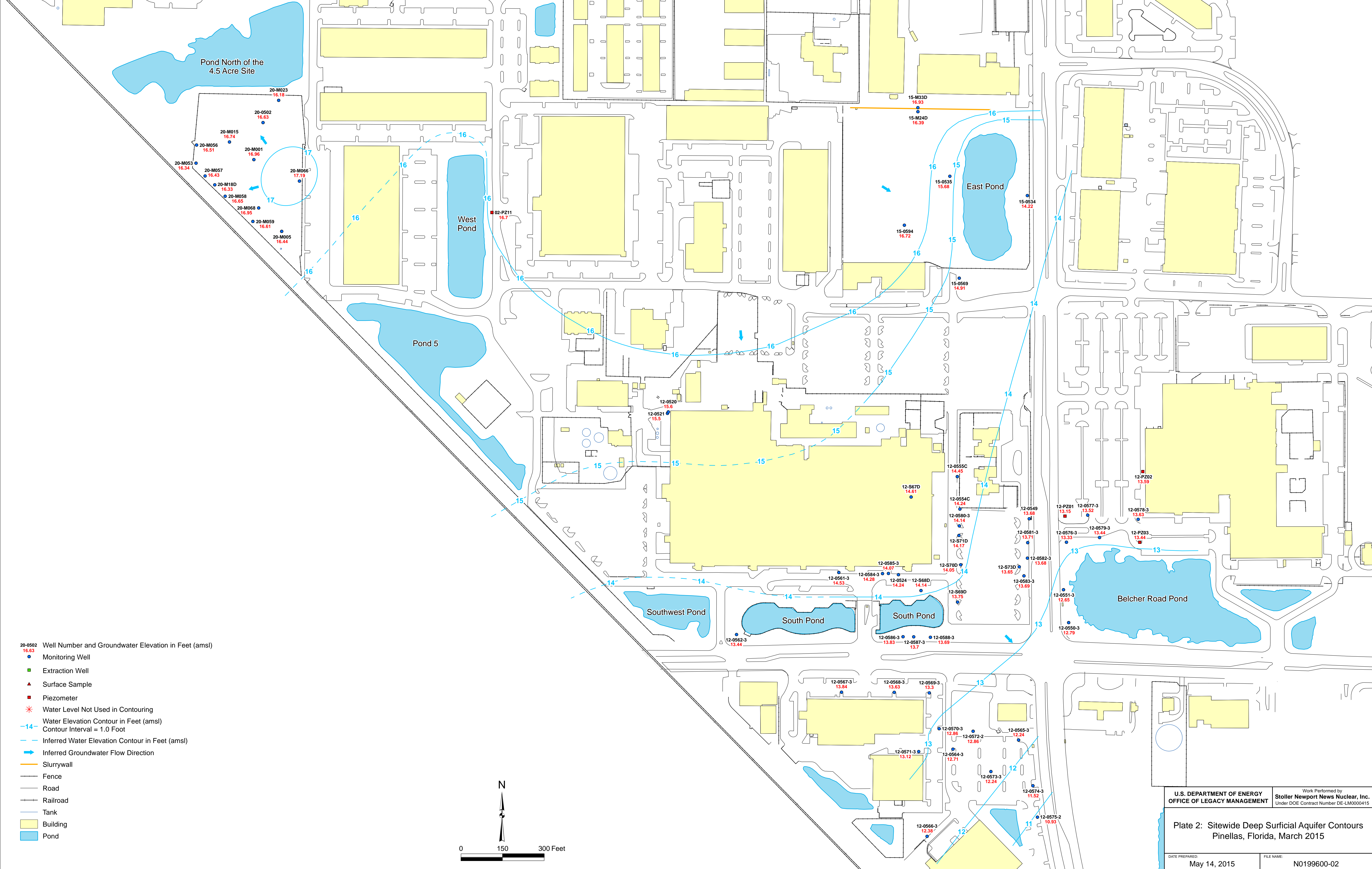


- 12-S35B Well Number and Groundwater Elevation in Feet (amsl)
- 14.87
- Monitoring Well
- Extraction Well
- ▲ Surface Sample
- Piezometer
- * Water Level Not Used in Contouring
- 14- Water Elevation Contour in Feet (amsl)
- Contour Interval = 1.0 Foot
- - - Inferred Water Elevation Contour in Feet (amsl)
- ➔ Inferred Groundwater Flow Direction
- Slurrywall
- Fence
- Road
- Railroad
- Tank
- Building
- Pond

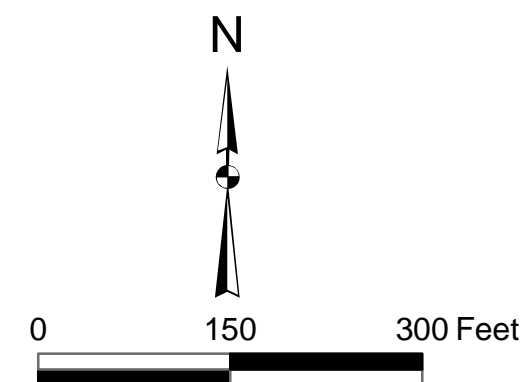


U.S. DEPARTMENT OF ENERGY OFFICE OF LEGACY MANAGEMENT	Work Performed by Stoller Newport News Nuclear, Inc. <small>Under DOE Contract Number DE-LM0000415</small>
Plate 1: Sitewide Shallow Surficial Aquifer Contours Pinellas, Florida, March 2015	
DATE PREPARED:	FILE NAME:
May 14, 2015	N0199600-01

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- 20-0502 Well Number and Groundwater Elevation in Feet (amsl)
- 16.63
- 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 OFFICE OF LEGACY MANAGEMENT	Work Performed by Stoller Newport News Nuclear, Inc. <small>Under DOE Contract Number DE-LM0000415</small>
Plate 2: Sitewide Deep Surficial Aquifer Contours Pinellas, Florida, March 2015	
<small>DATE PREPARED:</small> May 14, 2015	<small>FILE NAME:</small> N0199600-02

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Appendix A

Laboratory Reports

March 2015 Semiannual Monitoring

ANALYTICAL REPORT

Job Number: 280-66323-1

SDG Number: 15026796

Job Description: PINELLAS MONITORING

For:

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



Approved for release.
DiLea R Bindel
Project Manager I
3/24/2015 12:04 PM

DiLea R Bindel, Project Manager I
4955 Yarrow Street, Arvada, CO, 80002
(303)736-0173
dilea.bindel@testamericainc.com
03/24/2015

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

The Lab Certification ID# is 4025.

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

TestAmerica Laboratories, Inc.

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



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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 15026796

Report Number: 280-66323-1

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

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

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

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

RECEIPT

The samples were received on 3/10/2015 1:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.5° C.

GC/MS VOLATILES - SW846 8260B

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

Sample PIN99-2198 (NDR 458) exhibited surrogate recoveries outside the control limits, biased high. As no detectable concentrations are present at levels greater than the reporting limits in the samples, corrective action is deemed unnecessary.

Due to matrix interference, the internal standard response for 1,4-Dichlorobenzene-d4 was outside acceptance limits in the MSD aliquot of the MS/MSD associated with batch 280-268650. The analytes associated with this internal standard have been flagged "**". The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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

Due to high concentrations of target analytes, samples PIN12-S67B (NDR 444) and PIN12-S67C (NDR 445) had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Due to high concentrations of non-target analytes, samples PIN12-S33C (NDR 484), PIN12-S35B (NDR 485) had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Lab Section	Qualifier	Description
GC/MS VOA	U	Indicates the analyte was analyzed for but not detected.
	*	ISTD response or retention time outside acceptable limits
	*	LCS or LCSD exceeds the control limits
	F1	MS and/or MSD Recovery exceeds the control limits
	F2	MS/MSD RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate is outside control limits

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-66323-1	PIN12-0554A	Water	03/06/2015 1345	03/10/2015 1310
280-66323-1MS	PIN12-0554A	Water	03/06/2015 1345	03/10/2015 1310
280-66323-1MSD	PIN12-0554A	Water	03/06/2015 1345	03/10/2015 1310
280-66323-2	PIN12-0555A	Water	03/06/2015 1155	03/10/2015 1310
280-66323-2MS	PIN12-0555A	Water	03/06/2015 1155	03/10/2015 1310
280-66323-2MSD	PIN12-0555A	Water	03/06/2015 1155	03/10/2015 1310
280-66323-3	PIN12-0555B	Water	03/06/2015 1120	03/10/2015 1310
280-66323-4	PIN12-0555C	Water	03/06/2015 1250	03/10/2015 1310
280-66323-5	PIN12-0565-1	Water	03/05/2015 1109	03/10/2015 1310
280-66323-6	PIN12-0565-2	Water	03/05/2015 1325	03/10/2015 1310
280-66323-7	PIN12-0565-3	Water	03/05/2015 1409	03/10/2015 1310
280-66323-8	PIN12-0573-1	Water	03/05/2015 1500	03/10/2015 1310
280-66323-9	PIN12-0573-2	Water	03/05/2015 1534	03/10/2015 1310
280-66323-10	PIN12-0573-3	Water	03/05/2015 1615	03/10/2015 1310
280-66323-11	PIN12-0574-1	Water	03/05/2015 0857	03/10/2015 1310
280-66323-12	PIN12-0574-2	Water	03/05/2015 0937	03/10/2015 1310
280-66323-13	PIN12-0574-3	Water	03/05/2015 1026	03/10/2015 1310
280-66323-14	PIN99-2198	Water	03/06/2015 1025	03/10/2015 1310
280-66323-15	PIN99-2203	Water	03/05/2015 0800	03/10/2015 1310
280-66323-16	PIN12-S30B	Water	03/06/2015 1248	03/10/2015 1310
280-66323-17	PIN12-S33C	Water	03/06/2015 1427	03/10/2015 1310
280-66323-18	PIN12-S35B	Water	03/06/2015 1332	03/10/2015 1310
280-66323-19	PIN12-S67B	Water	03/06/2015 0926	03/10/2015 1310
280-66323-20	PIN12-S67C	Water	03/06/2015 1027	03/10/2015 1310
280-66323-21	PIN12-S67D	Water	03/06/2015 1117	03/10/2015 1310

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66323-1 Acetone	PIN12-0554A	2.0	J	10	ug/L	8260B
280-66323-2 Acetone	PIN12-0555A	3.9	J	10	ug/L	8260B
280-66323-4 cis-1,2-Dichloroethene	PIN12-0555C	0.96	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260B
280-66323-5 Acetone	PIN12-0565-1	3.9	J	10	ug/L	8260B
280-66323-6 Acetone	PIN12-0565-2	5.0	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260B
Vinyl chloride		0.16	J	1.0	ug/L	8260B
280-66323-7 Acetone	PIN12-0565-3	6.9	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.50	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.18	J	1.0	ug/L	8260B
Vinyl chloride		0.19	J	1.0	ug/L	8260B
280-66323-8 Acetone	PIN12-0573-1	5.5	J	10	ug/L	8260B
280-66323-9 Acetone	PIN12-0573-2	5.8	J	10	ug/L	8260B
280-66323-10 Acetone	PIN12-0573-3	7.1	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66323-11	PIN12-0574-1					
Acetone		6.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.15	J	1.0	ug/L	8260B
Vinyl chloride		11		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-66323-12	PIN12-0574-2					
Acetone		7.1	J	10	ug/L	8260B
cis-1,2-Dichloroethene		30		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.42	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.0		1.0	ug/L	8260B
Vinyl chloride		18		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-66323-13	PIN12-0574-3					
Acetone		12		10	ug/L	8260B
cis-1,2-Dichloroethene		0.23	J	1.0	ug/L	8260B
Vinyl chloride		0.71	J	1.0	ug/L	8260B
280-66323-15	PIN99-2203					
Acetone		2.1	J	10	ug/L	8260B
280-66323-16	PIN12-S30B					
Acetone		2.7	J	10	ug/L	8260B
1,1-Dichloroethane		0.63	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		53		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.3		1.0	ug/L	8260B
1,1-Dichloroethene		0.62	J	1.0	ug/L	8260B
Trichloroethene		18		1.0	ug/L	8260B
Vinyl chloride		12		1.0	ug/L	8260B
280-66323-17	PIN12-S33C					
cis-1,2-Dichloroethene		2400		50	ug/L	8260B
trans-1,2-Dichloroethene		130		10	ug/L	8260B
1,1-Dichloroethene		73		10	ug/L	8260B
Trichloroethene		550		10	ug/L	8260B
Vinyl chloride		280		10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66323-18	PIN12-S35B					
cis-1,2-Dichloroethene		54000		2000	ug/L	8260B
trans-1,2-Dichloroethene		6700		200	ug/L	8260B
1,1-Dichloroethene		930		200	ug/L	8260B
Trichloroethene		11000		2000	ug/L	8260B
Vinyl chloride		10000		200	ug/L	8260B
280-66323-19	PIN12-S67B					
1,1-Dichloroethane		27		1.0	ug/L	8260B
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.0		1.0	ug/L	8260B
Vinyl chloride		220		10	ug/L	8260B
1,4-Dioxane		87		10	ug/L	8260B SIM
280-66323-20	PIN12-S67C					
1,1-Dichloroethane		4.0		1.0	ug/L	8260B
cis-1,2-Dichloroethene		73		4.0	ug/L	8260B
trans-1,2-Dichloroethene		14		1.0	ug/L	8260B
1,1-Dichloroethene		0.75	J	1.0	ug/L	8260B
Vinyl chloride		65		4.0	ug/L	8260B
1,4-Dioxane		25		2.0	ug/L	8260B SIM
280-66323-21	PIN12-S67D					
Acetone		4.2	J	10	ug/L	8260B
1,1-Dichloroethane		0.96	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		5.9		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.0		1.0	ug/L	8260B
Vinyl chloride		8.4		1.0	ug/L	8260B
1,4-Dioxane		2.0		1.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

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: 280-66323-1

Sdg Number: 15026796

Method	Analyst	Analyst ID
SW846 8260B	Dobransky, Michael E	MD
SW846 8260B	Seifert, Judy L	JLS
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0554A

Lab Sample ID: 280-66323-1

Date Sampled: 03/06/2015 1345

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3698.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 0949			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 0949				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0554A

Lab Sample ID: 280-66323-1

Date Sampled: 03/06/2015 1345

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3698.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 0949			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 0949				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	97		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	95		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-66323-2

Date Sampled: 03/06/2015 1155

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3708.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1307			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-66323-2
Client Matrix: Water

Date Sampled: 03/06/2015 1155
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3708.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1307			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1307				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-66323-3

Date Sampled: 03/06/2015 1120

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3709.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1326			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1326				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-66323-3
Client Matrix: Water

Date Sampled: 03/06/2015 1120
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3709.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1326			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1326				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-66323-4

Date Sampled: 03/06/2015 1250

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3710.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1346			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1346				

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	0.96	J	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-66323-4

Date Sampled: 03/06/2015 1250

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267668	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3710.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2015 1346		Final Weight/Volume: 20 mL
Prep Date: 03/12/2015 1346		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-66323-5

Date Sampled: 03/05/2015 1109

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3711.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1406			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1406				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-66323-5
Client Matrix: Water

Date Sampled: 03/05/2015 1109
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3711.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1406			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1406				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 127
Toluene-d8 (Surr)	84		80 - 125
4-Bromofluorobenzene (Surr)	81		78 - 120
Dibromofluoromethane (Surr)	94		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-66323-6

Date Sampled: 03/05/2015 1325

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3712.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1425			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1425				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-66323-6

Date Sampled: 03/05/2015 1325

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3712.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1425			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1425				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.16	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)	102		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-66323-7

Date Sampled: 03/05/2015 1409

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3713.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1445			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1445				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	6.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.50	J	0.15	1.0
trans-1,2-Dichloroethene	0.18	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-66323-7

Date Sampled: 03/05/2015 1409

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267668	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3713.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2015 1445		Final Weight/Volume: 20 mL
Prep Date: 03/12/2015 1445		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.19	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)	100		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-66323-8

Date Sampled: 03/05/2015 1500

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3714.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1505			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1505				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-66323-8
Client Matrix: Water

Date Sampled: 03/05/2015 1500
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267668	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3714.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2015 1505		Final Weight/Volume: 20 mL
Prep Date: 03/12/2015 1505		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-66323-9

Date Sampled: 03/05/2015 1534

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1524			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1524				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-66323-9
Client Matrix: Water

Date Sampled: 03/05/2015 1534
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3715.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1524			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1524				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-66323-10

Date Sampled: 03/05/2015 1615

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1544			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1544				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-66323-10
Client Matrix: Water

Date Sampled: 03/05/2015 1615
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3716.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1544			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1544				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-66323-11

Date Sampled: 03/05/2015 0857

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3717.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1604			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1604				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-66323-11

Date Sampled: 03/05/2015 0857

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3717.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1604			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1604				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	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)	101		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-66323-12

Date Sampled: 03/05/2015 0937

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3718.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1623			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1623				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	7.1	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	30		0.15	1.0
trans-1,2-Dichloroethene	0.42	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-66323-12

Date Sampled: 03/05/2015 0937

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3718.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1623			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1623				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	101		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-66323-13

Date Sampled: 03/05/2015 1026

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3719.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1643			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1643				

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	0.23	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-66323-13
Client Matrix: Water

Date Sampled: 03/05/2015 1026
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3719.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1643			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1643				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.71	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)	104		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN99-2198

Lab Sample ID: 280-66323-14

Date Sampled: 03/06/2015 1025

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3720.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1703			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1703				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN99-2198

Lab Sample ID: 280-66323-14

Date Sampled: 03/06/2015 1025

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267668	Instrument ID: VMS_R1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3720.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 03/12/2015 1703		Final Weight/Volume: 20 mL	
Prep Date: 03/12/2015 1703			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	140	X	70 - 127
Toluene-d8 (Surr)	134	X	80 - 125
4-Bromofluorobenzene (Surr)	131	X	78 - 120
Dibromofluoromethane (Surr)	149	X	77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN99-2203

Lab Sample ID: 280-66323-15

Date Sampled: 03/05/2015 0800

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3721.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1723			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1723				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN99-2203

Lab Sample ID: 280-66323-15

Date Sampled: 03/05/2015 0800

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3721.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1723			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1723				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	102		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S30B

Lab Sample ID: 280-66323-16

Date Sampled: 03/06/2015 1248

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3722.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1742			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1742				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.63	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	53		0.15	1.0
trans-1,2-Dichloroethene	6.3		0.15	1.0
1,1-Dichloroethene	0.62	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-S30B

Lab Sample ID: 280-66323-16
Client Matrix: Water

Date Sampled: 03/06/2015 1248
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267668	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3722.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2015 1742		Final Weight/Volume: 20 mL
Prep Date: 03/12/2015 1742		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	18		0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	107		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S33C

Lab Sample ID: 280-66323-17

Date Sampled: 03/06/2015 1427

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3701.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/12/2015 1049			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1049				

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	130		1.5	10
1,1-Dichloroethene	73		2.3	10
1,2-Dichloropropane	1.8	U	1.8	10
1,3-Dichloropropane	2.2	U	2.2	10
2,2-Dichloropropane	1.8	U	1.8	10
cis-1,3-Dichloropropene	1.6	U	1.6	10
trans-1,3-Dichloropropene	1.9	U	1.9	10
1,1-Dichloropropene	1.9	U	1.9	10
Ethylbenzene	1.6	U	1.6	10
Hexachlorobutadiene	3.6	U	3.6	10
2-Hexanone	17	U	17	50
Isopropylbenzene	1.9	U	1.9	10
4-Isopropyltoluene	2.0	U	2.0	10
Methylene Chloride	3.2	U	3.2	10
4-Methyl-2-pentanone	9.8	U	9.8	50
Naphthalene	2.2	U	2.2	10
n-Propylbenzene	1.6	U	1.6	10
Styrene	1.7	U	1.7	10

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S33C

Lab Sample ID: 280-66323-17

Date Sampled: 03/06/2015 1427

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3701.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/12/2015 1049			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1049				

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	550		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	280		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)	84		70 - 127
Toluene-d8 (Surr)	88		80 - 125
4-Bromofluorobenzene (Surr)	89		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-S33C

Lab Sample ID: 280-66323-17
Client Matrix: Water

Date Sampled: 03/06/2015 1427
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3702.D
Dilution:	1.0			Initial Weight/Volume:	0.4 mL
Analysis Date:	03/12/2015 1108	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1108				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	2400		7.5	50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-66323-18

Date Sampled: 03/06/2015 1332

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3706.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	03/12/2015 1227			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1227				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	380	U	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	6700		30	200
1,1-Dichloroethene	930		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-66323-18
Client Matrix: Water

Date Sampled: 03/06/2015 1332
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3706.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	03/12/2015 1227			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1227				

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
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
Vinyl chloride	10000		20	200
Xylenes, Total	38	U	38	200
1,2-Dibromoethane	36	U	36	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	108		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-66323-18

Date Sampled: 03/06/2015 1332

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3707.D
Dilution:	1.0			Initial Weight/Volume:	0.01 mL
Analysis Date:	03/12/2015 1247	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1247				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	54000		300	2000
Trichloroethene	11000		320	2000

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127
Toluene-d8 (Surr)	101		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67B

Lab Sample ID: 280-66323-19

Date Sampled: 03/06/2015 0926

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3705.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1207			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1207				

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	27		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	12		0.15	1.0
trans-1,2-Dichloroethene	3.0		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67B

Lab Sample ID: 280-66323-19

Date Sampled: 03/06/2015 0926

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3705.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1207			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1207				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67B

Lab Sample ID: 280-66323-19

Date Sampled: 03/06/2015 0926

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3723.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/12/2015 1802	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1802				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	220		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67C

Lab Sample ID: 280-66323-20

Date Sampled: 03/06/2015 1027

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3703.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/12/2015 1128			Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1128				

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	4.0		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
trans-1,2-Dichloroethene	14		0.15	1.0
1,1-Dichloroethene	0.75	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67C

Lab Sample ID: 280-66323-20

Date Sampled: 03/06/2015 1027

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267668	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3703.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2015 1128		Final Weight/Volume: 20 mL
Prep Date: 03/12/2015 1128		

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)	88		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	93		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67C

Lab Sample ID: 280-66323-20

Date Sampled: 03/06/2015 1027

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267668	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3704.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/12/2015 1148	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/12/2015 1148				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	73		0.60	4.0
Vinyl chloride	65		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	109		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67D

Lab Sample ID: 280-66323-21

Date Sampled: 03/06/2015 1117

Client Matrix: Water

Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268650	Instrument ID:	VMS_MS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9_0587.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1823			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1823				

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	0.96	J	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	2.0		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-S67D

Lab Sample ID: 280-66323-21
Client Matrix: Water

Date Sampled: 03/06/2015 1117
Date Received: 03/10/2015 1310

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268650	Instrument ID:	VMS_MS9
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS9_0587.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1823			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 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	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	8.4		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)	96		70 - 127
Toluene-d8 (Surr)	107		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0554A

Lab Sample ID: 280-66323-1

Date Sampled: 03/06/2015 1345

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7855.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1315			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1315				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0555A

Lab Sample ID: 280-66323-2

Date Sampled: 03/06/2015 1155

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7854.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1258			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1258				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0555B

Lab Sample ID: 280-66323-3

Date Sampled: 03/06/2015 1120

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7858.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1408			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1408				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0555C

Lab Sample ID: 280-66323-4

Date Sampled: 03/06/2015 1250

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7859.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1426			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1426				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0565-1

Lab Sample ID: 280-66323-5

Date Sampled: 03/05/2015 1109

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7860.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1443			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 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)	103		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0565-2

Lab Sample ID: 280-66323-6

Date Sampled: 03/05/2015 1325

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7861.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1500			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1500				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0565-3

Lab Sample ID: 280-66323-7

Date Sampled: 03/05/2015 1409

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7862.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1518			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1518				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0573-1

Lab Sample ID: 280-66323-8

Date Sampled: 03/05/2015 1500

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7863.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1535			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1535				

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)	107		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0573-2

Lab Sample ID: 280-66323-9

Date Sampled: 03/05/2015 1534

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7864.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1553			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1553				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0573-3

Lab Sample ID: 280-66323-10

Client Matrix: Water

Date Sampled: 03/05/2015 1615

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7865.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1610			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1610				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0574-1

Lab Sample ID: 280-66323-11

Date Sampled: 03/05/2015 0857

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7866.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1628			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1628				

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)	111		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0574-2

Lab Sample ID: 280-66323-12

Date Sampled: 03/05/2015 0937

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7867.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1645			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1645				

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)	108		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-0574-3

Lab Sample ID: 280-66323-13

Date Sampled: 03/05/2015 1026

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7868.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1703			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1703				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S30B

Lab Sample ID: 280-66323-16

Date Sampled: 03/06/2015 1248

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7869.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1720			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1720				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S33C

Lab Sample ID: 280-66323-17

Date Sampled: 03/06/2015 1427

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7870.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/16/2015 1737			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1737				

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)	101		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S35B

Lab Sample ID: 280-66323-18

Date Sampled: 03/06/2015 1332

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7871.D
Dilution:	1.0			Initial Weight/Volume:	0.2 mL
Analysis Date:	03/16/2015 1755			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1755				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	22	U	22	100

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67B

Lab Sample ID: 280-66323-19

Date Sampled: 03/06/2015 0926

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7872.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/16/2015 1812			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1812				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Client Sample ID: PIN12-S67C

Lab Sample ID: 280-66323-20

Date Sampled: 03/06/2015 1027

Client Matrix: Water

Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7873.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/16/2015 1830			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1830				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	25		0.44	2.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Client Sample ID: PIN12-S67D

Lab Sample ID: 280-66323-21
Client Matrix: Water

Date Sampled: 03/06/2015 1117
Date Received: 03/10/2015 1310

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7874.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1847			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1847				

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

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

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

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
280-66323-1	PIN12-0554A	95	90	97	103
280-66323-2	PIN12-0555A	110	104	98	95
280-66323-3	PIN12-0555B	109	103	97	97
280-66323-4	PIN12-0555C	108	106	100	98
280-66323-5	PIN12-0565-1	94	91	84	81
280-66323-6	PIN12-0565-2	111	105	102	99
280-66323-7	PIN12-0565-3	109	103	100	96
280-66323-8	PIN12-0573-1	107	101	97	94
280-66323-9	PIN12-0573-2	108	103	96	93
280-66323-10	PIN12-0573-3	108	106	99	95
280-66323-11	PIN12-0574-1	106	101	99	96
280-66323-12	PIN12-0574-2	107	101	102	92
280-66323-13	PIN12-0574-3	108	104	99	96
280-66323-14	PIN99-2198	149X	140X	134X	131X
280-66323-15	PIN99-2203	115	110	102	97
280-66323-16	PIN12-S30B	111	105	107	101
280-66323-17	PIN12-S33C	92	84	88	89
280-66323-17 DL	PIN12-S33C DL	101	94	98	93
280-66323-18	PIN12-S35B	106	98	108	90
280-66323-18 DL	PIN12-S35B DL	101	97	101	88
280-66323-19	PIN12-S67B	103	97	97	99
280-66323-19 DL	PIN12-S67B DL	112	104	90	95
280-66323-20	PIN12-S67C	93	88	96	91
280-66323-20 DL	PIN12-S67C DL	112	105	109	98
280-66323-21	PIN12-S67D	106	96	107	95
MB 280-267668/5		96	93	99	93
MB 280-268650/6		110	103	114	108
LCS 280-267668/4		98	97	103	90
LCS 280-268650/4		104	100	105	97

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

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
280-66323-1 MS	PIN12-0554A MS	89	86	89	81
280-66529-O-2 MS		101	99	105	99
280-66323-1 MSD	PIN12-0554A MSD	92	87	90	84
280-66529-O-2 MSD		99	90	107	101*

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-66323-1	PIN12-0554A	114
280-66323-2	PIN12-0555A	106
280-66323-3	PIN12-0555B	106
280-66323-4	PIN12-0555C	105
280-66323-5	PIN12-0565-1	103
280-66323-6	PIN12-0565-2	105
280-66323-7	PIN12-0565-3	109
280-66323-8	PIN12-0573-1	107
280-66323-9	PIN12-0573-2	109
280-66323-10	PIN12-0573-3	108
280-66323-11	PIN12-0574-1	111
280-66323-12	PIN12-0574-2	108
280-66323-13	PIN12-0574-3	112
280-66323-16	PIN12-S30B	106
280-66323-17	PIN12-S33C	101
280-66323-18	PIN12-S35B	99
280-66323-19	PIN12-S67B	102
280-66323-20	PIN12-S67C	101
280-66323-21	PIN12-S67D	108
MB 280-268082/4		99
LCS 280-268082/3		110
280-66323-2 MS	PIN12-0555A MS	97
280-66323-2 MSD	PIN12-0555A MSD	110

Surrogate

Acceptance Limits

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

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Method Blank - Batch: 280-267668

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-267668/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/12/2015 0926
 Prep Date: 03/12/2015 0926
 Leach Date: N/A

Analysis Batch: 280-267668
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3697.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Method Blank - Batch: 280-267668

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-267668/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/12/2015 0926
 Prep Date: 03/12/2015 0926
 Leach Date: N/A

Analysis Batch: 280-267668
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3697.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	70 - 127
Toluene-d8 (Surr)	99	80 - 125
4-Bromofluorobenzene (Surr)	93	78 - 120
Dibromofluoromethane (Surr)	96	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Lab Control Sample - Batch: 280-267668

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-267668/4	Analysis Batch: 280-267668	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3696.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2015 0808	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 03/12/2015 0808		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.62	92	65 - 135	
Bromodichloromethane	5.00	4.66	93	65 - 135	
Carbon tetrachloride	5.00	4.72	94	65 - 135	
Chlorobenzene	5.00	4.58	92	65 - 135	
Chloroform	5.00	4.63	93	65 - 135	
1,3-Dichlorobenzene	5.00	4.45	89	65 - 135	
1,1-Dichloroethane	5.00	4.59	92	65 - 135	
trans-1,2-Dichloroethene	5.00	4.74	95	65 - 135	
1,1-Dichloroethene	5.00	4.35	87	65 - 136	
1,2-Dichloropropane	5.00	4.55	91	64 - 135	
Ethylbenzene	5.00	4.47	89	65 - 135	
Methylene Chloride	5.00	4.42	88	54 - 141	
Tetrachloroethene	5.00	4.69	94	65 - 135	
Toluene	5.00	4.62	92	65 - 135	
1,1,1-Trichloroethane	5.00	4.52	90	65 - 135	
Trichloroethene	5.00	4.60	92	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97		70 - 127	
Toluene-d8 (Surr)		103		80 - 125	
4-Bromofluorobenzene (Surr)		90		78 - 120	
Dibromofluoromethane (Surr)		98		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-267668**

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

MS Lab Sample ID: 280-66323-1	Analysis Batch: 280-267668	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3699.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2015 1009		Final Weight/Volume: 20 mL
Prep Date: 03/12/2015 1009		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-66323-1	Analysis Batch: 280-267668	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3700.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/12/2015 1029		Final Weight/Volume: 20 mL
Prep Date: 03/12/2015 1029		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	80	90	65 - 135	12	20		
Bromodichloromethane	83	94	65 - 135	13	20		
Carbon tetrachloride	83	88	65 - 135	6	21		
Chlorobenzene	83	90	65 - 135	8	20		
Chloroform	84	93	65 - 135	10	20		
1,3-Dichlorobenzene	81	90	65 - 135	10	20		
1,1-Dichloroethane	84	93	65 - 135	10	21		
trans-1,2-Dichloroethene	85	94	65 - 135	10	24		
1,1-Dichloroethene	78	85	65 - 136	8	20		
1,2-Dichloropropane	82	90	64 - 135	8	20		
Ethylbenzene	78	84	65 - 135	8	20		
Methylene Chloride	77	89	54 - 141	14	26		
Tetrachloroethene	79	83	65 - 135	5	20		
Toluene	85	94	65 - 135	10	20		
1,1,1-Trichloroethane	81	88	65 - 135	8	20		
Trichloroethene	80	87	65 - 135	9	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		86	87			70 - 127	
Toluene-d8 (Surr)		89	90			80 - 125	
4-Bromofluorobenzene (Surr)		81	84			78 - 120	
Dibromofluoromethane (Surr)		89	92			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-267668**

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

MS Lab Sample ID: 280-66323-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2015 1009
Prep Date: 03/12/2015 1009
Leach Date: N/A

MSD Lab Sample ID: 280-66323-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/12/2015 1029
Prep Date: 03/12/2015 1029
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	4.00	4.49
Bromodichloromethane	0.17	U	5.00	5.00	4.14	4.72
Carbon tetrachloride	0.19	U	5.00	5.00	4.15	4.40
Chlorobenzene	0.17	U	5.00	5.00	4.16	4.49
Chloroform	0.16	U	5.00	5.00	4.22	4.65
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.06	4.51
1,1-Dichloroethane	0.22	U	5.00	5.00	4.20	4.63
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.27	4.72
1,1-Dichloroethene	0.23	U	5.00	5.00	3.90	4.24
1,2-Dichloropropane	0.18	U	5.00	5.00	4.12	4.49
Ethylbenzene	0.16	U	5.00	5.00	3.89	4.21
Methylene Chloride	0.32	U	5.00	5.00	3.87	4.45
Tetrachloroethene	0.20	U	5.00	5.00	3.97	4.15
Toluene	0.17	U	5.00	5.00	4.25	4.68
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.05	4.40
Trichloroethene	0.16	U	5.00	5.00	3.99	4.35

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

Method Blank - Batch: 280-268650

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268650/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/19/2015 0952
 Prep Date: 03/19/2015 0952
 Leach Date: N/A

Analysis Batch: 280-268650
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_MS9
 Lab File ID: MS9_0562.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.383	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Method Blank - Batch: 280-268650

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

Lab Sample ID: MB 280-268650/6
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2015 0952
Prep Date: 03/19/2015 0952
Leach Date: N/A

Analysis Batch: 280-268650
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_MS9
Lab File ID: MS9_0562.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 127
Toluene-d8 (Surr)	114	80 - 125
4-Bromofluorobenzene (Surr)	108	78 - 120
Dibromofluoromethane (Surr)	110	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Lab Control Sample - Batch: 280-268650

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 280-268650/4
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2015 0932
Prep Date: 03/19/2015 0932
Leach Date: N/A

Analysis Batch: 280-268650
Prep Batch: N/A
Leach Batch: N/A
Units: ug/L

Instrument ID: VMS_MS9
Lab File ID: MS9_0561.D
Initial Weight/Volume: 20 mL
Final Weight/Volume: 20 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.31	106	65 - 135	
Bromodichloromethane	5.00	5.60	112	65 - 135	
Carbon tetrachloride	5.00	6.47	129	65 - 135	
Chlorobenzene	5.00	4.92	98	65 - 135	
Chloroform	5.00	5.72	114	65 - 135	
1,3-Dichlorobenzene	5.00	4.93	99	65 - 135	
1,1-Dichloroethane	5.00	5.54	111	65 - 135	
trans-1,2-Dichloroethene	5.00	5.20	104	65 - 135	
1,1-Dichloroethene	5.00	4.99	100	65 - 136	
1,2-Dichloropropane	5.00	5.09	102	64 - 135	
Ethylbenzene	5.00	4.79	96	65 - 135	
Methylene Chloride	5.00	5.59	112	54 - 141	
Tetrachloroethene	5.00	5.35	107	65 - 135	
Toluene	5.00	5.39	108	65 - 135	
1,1,1-Trichloroethane	5.00	6.13	123	65 - 135	
Trichloroethene	5.00	5.16	103	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		100		70 - 127	
Toluene-d8 (Surr)		105		80 - 125	
4-Bromofluorobenzene (Surr)		97		78 - 120	
Dibromofluoromethane (Surr)		104		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268650**

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

MS Lab Sample ID: 280-66529-O-2 MS	Analysis Batch: 280-268650	Instrument ID: VMS_MS9
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS9_0572.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/19/2015 1322		Final Weight/Volume: 20 mL
Prep Date: 03/19/2015 1322		5 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-66529-O-2 MSD	Analysis Batch: 280-268650	Instrument ID: VMS_MS9
Client Matrix: Water	Prep Batch: N/A	Lab File ID: MS9_0573.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/19/2015 1342		Final Weight/Volume: 20 mL
Prep Date: 03/19/2015 1342		5 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	105	100	65 - 135	4	20		
Bromodichloromethane	114	106	65 - 135	7	20		
Carbon tetrachloride	121	108	65 - 135	12	21		
Chlorobenzene	97	94	65 - 135	3	20		
Chloroform	114	106	65 - 135	7	20		
1,3-Dichlorobenzene	99	95	65 - 135	4	20		*
1,1-Dichloroethane	104	100	65 - 135	4	21		
trans-1,2-Dichloroethene	100	97	65 - 135	2	24		
1,1-Dichloroethene	88	88	65 - 136	1	20		
1,2-Dichloropropane	103	99	64 - 135	4	20		
Ethylbenzene	95	92	65 - 135	3	20		
Methylene Chloride	93	92	54 - 141	1	26		
Tetrachloroethene	99	96	65 - 135	3	20		
Toluene	109	102	65 - 135	6	20		
1,1,1-Trichloroethane	117	106	65 - 135	9	20		
Trichloroethene	103	101	65 - 135	2	20		
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Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	99		90	70 - 127			
Toluene-d8 (Surr)	105		107	80 - 125			
4-Bromofluorobenzene (Surr)	99		101	*	78 - 120		
Dibromofluoromethane (Surr)	101		99	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268650**

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

MS Lab Sample ID: 280-66529-O-2 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2015 1322
Prep Date: 03/19/2015 1322
Leach Date: N/A

MSD Lab Sample ID: 280-66529-O-2 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2015 1342
Prep Date: 03/19/2015 1342
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	5.25	5.02
Bromodichloromethane	0.17	U	5.00	5.00	5.70	5.30
Carbon tetrachloride	0.19	U	5.00	5.00	6.07	5.39
Chlorobenzene	0.17	U	5.00	5.00	4.84	4.68
Chloroform	0.16	U	5.00	5.00	5.71	5.31
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.94	4.73
1,1-Dichloroethane	0.22	U	5.00	5.00	5.20	4.99
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.98	4.86
1,1-Dichloroethene	0.23	U	5.00	5.00	4.39	4.42
1,2-Dichloropropane	0.18	U	5.00	5.00	5.13	4.94
Ethylbenzene	0.20	J	5.00	5.00	4.95	4.80
Methylene Chloride	0.32	U	5.00	5.00	4.67	4.61
Tetrachloroethene	0.20	U	5.00	5.00	4.97	4.82
Toluene	0.20	J	5.00	5.00	5.65	5.33
1,1,1-Trichloroethane	0.16	U	5.00	5.00	5.84	5.32
Trichloroethene	0.16	U	5.00	5.00	5.17	5.07

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Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

Method Blank - Batch: 280-268082

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

Lab Sample ID:	MB 280-268082/4	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7853.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1240	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1240				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	99		70 - 127	

Lab Control Sample - Batch: 280-268082

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

Lab Sample ID:	LCS 280-268082/3	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7852.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1223	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1223				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.12	102	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		110		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268082**

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

MS Lab Sample ID:	280-66323-2	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7856.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1333			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1333				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-66323-2	Analysis Batch:	280-268082	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7857.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 1351			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 1351				20 mL/100g
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	130	114	25 - 141	13	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97	110			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268082**

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

MS Lab Sample ID:	280-66323-2	Units:	ug/L	MSD Lab Sample ID:	280-66323-2
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/16/2015 1333			Analysis Date:	03/16/2015 1351
Prep Date:	03/16/2015 1333			Prep Date:	03/16/2015 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	6.49	5.71

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:280-267668					
LCS 280-267668/4	Lab Control Sample	T	Water	8260B	
MB 280-267668/5	Method Blank	T	Water	8260B	
280-66323-1	PIN12-0554A	T	Water	8260B	
280-66323-1MS	Matrix Spike	T	Water	8260B	
280-66323-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-66323-2	PIN12-0555A	T	Water	8260B	
280-66323-3	PIN12-0555B	T	Water	8260B	
280-66323-4	PIN12-0555C	T	Water	8260B	
280-66323-5	PIN12-0565-1	T	Water	8260B	
280-66323-6	PIN12-0565-2	T	Water	8260B	
280-66323-7	PIN12-0565-3	T	Water	8260B	
280-66323-8	PIN12-0573-1	T	Water	8260B	
280-66323-9	PIN12-0573-2	T	Water	8260B	
280-66323-10	PIN12-0573-3	T	Water	8260B	
280-66323-11	PIN12-0574-1	T	Water	8260B	
280-66323-12	PIN12-0574-2	T	Water	8260B	
280-66323-13	PIN12-0574-3	T	Water	8260B	
280-66323-14	PIN99-2198	T	Water	8260B	
280-66323-15	PIN99-2203	T	Water	8260B	
280-66323-16	PIN12-S30B	T	Water	8260B	
280-66323-17	PIN12-S33C	T	Water	8260B	
280-66323-17DL	PIN12-S33C	T	Water	8260B	
280-66323-18	PIN12-S35B	T	Water	8260B	
280-66323-18DL	PIN12-S35B	T	Water	8260B	
280-66323-19	PIN12-S67B	T	Water	8260B	
280-66323-19DL	PIN12-S67B	T	Water	8260B	
280-66323-20	PIN12-S67C	T	Water	8260B	
280-66323-20DL	PIN12-S67C	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66323-1

Sdg Number: 15026796

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-268082					
LCS 280-268082/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-268082/4	Method Blank	T	Water	8260B SIM	
280-66323-1	PIN12-0554A	T	Water	8260B SIM	
280-66323-2	PIN12-0555A	T	Water	8260B SIM	
280-66323-2MS	Matrix Spike	T	Water	8260B SIM	
280-66323-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-66323-3	PIN12-0555B	T	Water	8260B SIM	
280-66323-4	PIN12-0555C	T	Water	8260B SIM	
280-66323-5	PIN12-0565-1	T	Water	8260B SIM	
280-66323-6	PIN12-0565-2	T	Water	8260B SIM	
280-66323-7	PIN12-0565-3	T	Water	8260B SIM	
280-66323-8	PIN12-0573-1	T	Water	8260B SIM	
280-66323-9	PIN12-0573-2	T	Water	8260B SIM	
280-66323-10	PIN12-0573-3	T	Water	8260B SIM	
280-66323-11	PIN12-0574-1	T	Water	8260B SIM	
280-66323-12	PIN12-0574-2	T	Water	8260B SIM	
280-66323-13	PIN12-0574-3	T	Water	8260B SIM	
280-66323-16	PIN12-S30B	T	Water	8260B SIM	
280-66323-17	PIN12-S33C	T	Water	8260B SIM	
280-66323-18	PIN12-S35B	T	Water	8260B SIM	
280-66323-19	PIN12-S67B	T	Water	8260B SIM	
280-66323-20	PIN12-S67C	T	Water	8260B SIM	
280-66323-21	PIN12-S67D	T	Water	8260B SIM	
Analysis Batch:280-268650					
LCS 280-268650/4	Lab Control Sample	T	Water	8260B	
MB 280-268650/6	Method Blank	T	Water	8260B	
280-66323-21	PIN12-S67D	T	Water	8260B	
280-66529-O-2 MS	Matrix Spike	T	Water	8260B	
280-66529-O-2 MSD	Matrix Spike Duplicate	T	Water	8260B	

Report Basis

T = Total

ANALYTICAL REPORT

Job Number: 280-66383-1

SDG Number: 15026796

Job Description: PINELLAS MONITORING

For:

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



Approved for release.
DiLea R Bindel
Project Manager I
3/26/2015 4:52 PM

DiLea R Bindel, Project Manager I
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03/26/2015

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

The Lab Certification ID# is 4025.

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

TestAmerica Laboratories, Inc.

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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 15026796

Report Number: 280-66383-1

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

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

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

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

RECEIPT

The samples were received on 3/11/2015 2:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5° C.

GC/MS VOLATILES - SW846 8260B

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

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

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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

Due to high concentrations of non-target analytes, samples PIN12-0524 (NDR 388), PIN12-2452 (NDR 495), PIN12-2453 (NDR 496) had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

In some cases, due to high concentrations of target analytes, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

The MS/MSD associated with batch 280-268352 exhibited RPD data outside the control limits for 1,4-Dioxane. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	F1	MS and/or MSD Recovery exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-66383-1	PIN12-0524	Water	03/07/2015 1301	03/11/2015 1400
280-66383-1MS	PIN12-0524	Water	03/07/2015 1301	03/11/2015 1400
280-66383-1MSD	PIN12-0524	Water	03/07/2015 1301	03/11/2015 1400
280-66383-2	PIN12-0525	Water	03/07/2015 1340	03/11/2015 1400
280-66383-2MS	PIN12-0525	Water	03/07/2015 1340	03/11/2015 1400
280-66383-2MSD	PIN12-0525	Water	03/07/2015 1340	03/11/2015 1400
280-66383-3	PIN12-0539	Water	03/09/2015 1540	03/11/2015 1400
280-66383-4	PIN12-0541	Water	03/09/2015 0845	03/11/2015 1400
280-66383-5	PIN12-0542	Water	03/09/2015 0925	03/11/2015 1400
280-66383-6	PIN12-0549	Water	03/09/2015 1005	03/11/2015 1400
280-66383-7	PIN12-0554B	Water	03/06/2015 1505	03/11/2015 1400
280-66383-8	PIN12-0554C	Water	03/06/2015 1550	03/11/2015 1400
280-66383-9	PIN12-0561-1	Water	03/07/2015 0859	03/11/2015 1400
280-66383-10	PIN12-0561-2	Water	03/07/2015 0945	03/11/2015 1400
280-66383-11	PIN12-0561-3	Water	03/07/2015 1030	03/11/2015 1400
280-66383-12	PIN12-0568-1	Water	03/09/2015 1047	03/11/2015 1400
280-66383-13	PIN12-0568-2	Water	03/09/2015 1111	03/11/2015 1400
280-66383-14	PIN12-0568-3	Water	03/09/2015 1140	03/11/2015 1400
280-66383-15	PIN12-0569-1	Water	03/09/2015 1348	03/11/2015 1400
280-66383-16	PIN12-0569-2	Water	03/09/2015 1417	03/11/2015 1400
280-66383-17	PIN12-0569-3	Water	03/09/2015 1452	03/11/2015 1400
280-66383-18	PIN12-0570-1	Water	03/09/2015 0903	03/11/2015 1400
280-66383-19	PIN12-0570-2	Water	03/09/2015 0933	03/11/2015 1400
280-66383-20	PIN12-0570-3	Water	03/09/2015 1003	03/11/2015 1400
280-66383-21	PIN12-0581-1	Water	03/09/2015 1045	03/11/2015 1400
280-66383-22	PIN12-0581-2	Water	03/09/2015 1120	03/11/2015 1400
280-66383-23	PIN12-0581-3	Water	03/09/2015 1210	03/11/2015 1400
280-66383-24	PIN12-0582-1	Water	03/09/2015 1345	03/11/2015 1400
280-66383-25	PIN12-0582-2	Water	03/09/2015 1420	03/11/2015 1400
280-66383-26	PIN12-0582-3	Water	03/09/2015 1455	03/11/2015 1400
280-66383-27	PIN12-0584-1	Water	03/07/2015 1109	03/11/2015 1400
280-66383-28	PIN12-0584-2	Water	03/07/2015 1139	03/11/2015 1400
280-66383-29	PIN12-0584-3	Water	03/07/2015 1213	03/11/2015 1400
280-66383-30	PIN12-0585-1	Water	03/07/2015 1150	03/11/2015 1400
280-66383-31	PIN12-0585-2	Water	03/07/2015 1230	03/11/2015 1400
280-66383-32	PIN12-0585-3	Water	03/07/2015 1420	03/11/2015 1400
280-66383-33	PIN99-2199	Water	03/06/2015 1520	03/11/2015 1400
280-66383-34	PIN12-2451	Water	03/09/2015 1200	03/11/2015 1400
280-66383-35	PIN12-2452	Water	03/07/2015 1200	03/11/2015 1400
280-66383-36	PIN12-2453	Water	03/07/2015 1205	03/11/2015 1400
280-66383-37	PIN99-2523	Water	03/07/2015 0800	03/11/2015 1400
280-66383-38	PIN12-S70B	Water	03/07/2015 0900	03/11/2015 1400
280-66383-39	PIN12-S70C	Water	03/07/2015 0950	03/11/2015 1400
280-66383-40	PIN12-S70D	Water	03/07/2015 1045	03/11/2015 1400

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66383-1	PIN12-0524					
Acetone		4.8	J F1	20	ug/L	8260B
Benzene		1.3	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		370		20	ug/L	8260B
trans-1,2-Dichloroethene		2.8		2.0	ug/L	8260B
1,1-Dichloroethene		7.0		2.0	ug/L	8260B
Vinyl chloride		340		20	ug/L	8260B
280-66383-2	PIN12-0525					
cis-1,2-Dichloroethene		1.3		1.0	ug/L	8260B
Vinyl chloride		0.13	J	1.0	ug/L	8260B
1,4-Dioxane		4.0		1.0	ug/L	8260B SIM
280-66383-3	PIN12-0539					
1,1-Dichloroethane		0.59	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.29	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.52	J	1.0	ug/L	8260B
Vinyl chloride		15		1.0	ug/L	8260B
1,4-Dioxane		10		2.0	ug/L	8260B SIM
280-66383-4	PIN12-0541					
Acetone		3.4	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.31	J	1.0	ug/L	8260B
1,4-Dioxane		2.2		1.0	ug/L	8260B SIM
280-66383-5	PIN12-0542					
Acetone		5.8	J	10	ug/L	8260B
1,1-Dichloroethane		0.28	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.44	J	1.0	ug/L	8260B
1,4-Dioxane		2.6		1.0	ug/L	8260B SIM
280-66383-6	PIN12-0549					
Acetone		5.7	J	10	ug/L	8260B
1,1-Dichloroethane		0.39	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.28	J	1.0	ug/L	8260B
1,4-Dioxane		3.2		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66383-8	PIN12-0554C					
Acetone		2.7	J	10	ug/L	8260B
1,1-Dichloroethane		44		1.0	ug/L	8260B
cis-1,2-Dichloroethene		16		1.0	ug/L	8260B
trans-1,2-Dichloroethene		4.7		1.0	ug/L	8260B
1,1-Dichloroethene		0.59	J	1.0	ug/L	8260B
Vinyl chloride		54		1.0	ug/L	8260B
1,4-Dioxane		67		10	ug/L	8260B SIM
280-66383-9	PIN12-0561-1					
Acetone		3.2	J	10	ug/L	8260B
280-66383-10	PIN12-0561-2					
Acetone		5.5	J	10	ug/L	8260B
280-66383-11	PIN12-0561-3					
Acetone		3.1	J	10	ug/L	8260B
280-66383-13	PIN12-0568-2					
Acetone		13		10	ug/L	8260B
1,4-Dioxane		1.5		1.0	ug/L	8260B SIM
280-66383-15	PIN12-0569-1					
Vinyl chloride		0.14	J	1.0	ug/L	8260B
280-66383-16	PIN12-0569-2					
cis-1,2-Dichloroethene		0.79	J	1.0	ug/L	8260B
Vinyl chloride		4.1		1.0	ug/L	8260B
1,4-Dioxane		1.9		1.0	ug/L	8260B SIM
280-66383-17	PIN12-0569-3					
Acetone		2.2	J	10	ug/L	8260B
1,1-Dichloroethane		0.27	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.25	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.65	J	1.0	ug/L	8260B
Vinyl chloride		27		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66383-18 Acetone	PIN12-0570-1	3.7	J	10	ug/L	8260B
280-66383-19 Acetone Vinyl chloride 1,4-Dioxane	PIN12-0570-2	5.3 0.66 1.4	J J	10 1.0 1.0	ug/L ug/L ug/L	8260B 8260B 8260B SIM
280-66383-20 Acetone Vinyl chloride 1,4-Dioxane	PIN12-0570-3	3.8 3.6 2.2	J	10 1.0 1.0	ug/L ug/L ug/L	8260B 8260B 8260B SIM
280-66383-22 1,1-Dichloroethane cis-1,2-Dichloroethene trans-1,2-Dichloroethene 1,1-Dichloroethene Vinyl chloride 1,4-Dioxane	PIN12-0581-2	5.5 2.6 0.26 0.27 7.2 10	J J	1.0 1.0 1.0 1.0 1.0 1.0	ug/L ug/L ug/L ug/L ug/L ug/L	8260B 8260B 8260B 8260B 8260B 8260B SIM
280-66383-23 1,1-Dichloroethane cis-1,2-Dichloroethene Vinyl chloride 1,4-Dioxane	PIN12-0581-3	0.75 0.55 0.56 2.3	J J J	1.0 1.0 1.0 1.0	ug/L ug/L ug/L ug/L	8260B 8260B 8260B 8260B SIM
280-66383-25 1,1-Dichloroethane cis-1,2-Dichloroethene trans-1,2-Dichloroethene 1,1-Dichloroethene Vinyl chloride 1,4-Dioxane	PIN12-0582-2	48 21 7.5 0.39 250 330	J	1.0 1.0 1.0 1.0 10 20	ug/L ug/L ug/L ug/L ug/L ug/L	8260B 8260B 8260B 8260B 8260B 8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66383-26	PIN12-0582-3					
1,1-Dichloroethane		1.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.7		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.41	J	1.0	ug/L	8260B
Vinyl chloride		11		1.0	ug/L	8260B
1,4-Dioxane		3.5		1.0	ug/L	8260B SIM
280-66383-27	PIN12-0584-1					
1,4-Dioxane		2.4		1.0	ug/L	8260B SIM
280-66383-28	PIN12-0584-2					
1,1-Dichloroethane		0.31	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		1.8		1.0	ug/L	8260B
Vinyl chloride		11		1.0	ug/L	8260B
1,4-Dioxane		0.89	J	1.0	ug/L	8260B SIM
280-66383-29	PIN12-0584-3					
cis-1,2-Dichloroethene		0.96	J	1.0	ug/L	8260B
Vinyl chloride		10		1.0	ug/L	8260B
280-66383-30	PIN12-0585-1					
cis-1,2-Dichloroethene		24		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.45	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.7		1.0	ug/L	8260B
Trichloroethene		1.4		1.0	ug/L	8260B
Vinyl chloride		14		1.0	ug/L	8260B
1,4-Dioxane		5.1		1.0	ug/L	8260B SIM
280-66383-31	PIN12-0585-2					
cis-1,2-Dichloroethene		4600		200	ug/L	8260B
trans-1,2-Dichloroethene		36		20	ug/L	8260B
1,1-Dichloroethene		180		20	ug/L	8260B
Vinyl chloride		2100		200	ug/L	8260B
1,4-Dioxane		9.1		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66383-32	PIN12-0585-3					
2-Butanone (MEK)		35		10	ug/L	8260B
1,1-Dichloroethane		0.60	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		48		2.0	ug/L	8260B
trans-1,2-Dichloroethene		5.5		2.0	ug/L	8260B
1,1-Dichloroethene		1.6	J	2.0	ug/L	8260B
Toluene		0.36	J	2.0	ug/L	8260B
Trichloroethene		4.1		2.0	ug/L	8260B
Vinyl chloride		490		20	ug/L	8260B
280-66383-34	PIN12-2451					
1,1-Dichloroethane		6.0		1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.8		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.27	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.31	J	1.0	ug/L	8260B
Vinyl chloride		7.7		1.0	ug/L	8260B
1,4-Dioxane		11		1.0	ug/L	8260B SIM
280-66383-35	PIN12-2452					
cis-1,2-Dichloroethene		4600		200	ug/L	8260B
trans-1,2-Dichloroethene		37		20	ug/L	8260B
1,1-Dichloroethene		190		20	ug/L	8260B
Vinyl chloride		2100		200	ug/L	8260B
280-66383-36	PIN12-2453					
2-Butanone (MEK)		33		10	ug/L	8260B
1,1-Dichloroethane		0.44	J	2.0	ug/L	8260B
cis-1,2-Dichloroethene		49		2.0	ug/L	8260B
trans-1,2-Dichloroethene		5.4		2.0	ug/L	8260B
1,1-Dichloroethene		1.6	J	2.0	ug/L	8260B
Toluene		0.37	J	2.0	ug/L	8260B
Trichloroethene		4.1		2.0	ug/L	8260B
Vinyl chloride		500		20	ug/L	8260B
1,4-Dioxane		3.2		2.0	ug/L	8260B SIM
280-66383-38	PIN12-S70B					
cis-1,2-Dichloroethene		12		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.54	J	1.0	ug/L	8260B
Vinyl chloride		4.8		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66383-39	PIN12-S70C					
1,1-Dichloroethane		4.7		1.0	ug/L	8260B
cis-1,2-Dichloroethene		10		1.0	ug/L	8260B
trans-1,2-Dichloroethene		2.8		1.0	ug/L	8260B
Vinyl chloride		6.9		1.0	ug/L	8260B
1,4-Dioxane		12		1.0	ug/L	8260B SIM
280-66383-40	PIN12-S70D					
Acetone		11		10	ug/L	8260B
1,1-Dichloroethane		7.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		19		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.6		1.0	ug/L	8260B
1,1-Dichloroethene		0.60	J	1.0	ug/L	8260B
Vinyl chloride		12		1.0	ug/L	8260B
1,4-Dioxane		16		2.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

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: 280-66383-1

Sdg Number: 15026796

Method	Analyst	Analyst ID
SW846 8260B	Berger, Brent B	BBB
SW846 8260B	Moan, Matthew R	MRM
SW846 8260B	Wickham, Tom A	TAW
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0524

Lab Sample ID: 280-66383-1

Date Sampled: 03/07/2015 1301

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4773.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/13/2015 0907			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 0907				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.8	J F1	3.8	20
Benzene	1.3	J	0.32	2.0
Bromobenzene	0.34	U	0.34	2.0
Bromochloromethane	0.20	U	0.20	2.0
Bromodichloromethane	0.34	U	0.34	2.0
Bromoform	0.38	U	0.38	2.0
Bromomethane	0.42	U	0.42	2.0
2-Butanone (MEK)	4.0	U	4.0	10
n-Butylbenzene	0.64	U	0.64	2.0
sec-Butylbenzene	0.34	U	0.34	2.0
tert-Butylbenzene	0.32	U	0.32	2.0
Carbon disulfide	0.90	U	0.90	2.0
Carbon tetrachloride	0.38	U	0.38	2.0
Chlorobenzene	0.34	U	0.34	2.0
Dibromochloromethane	0.34	U	0.34	2.0
Chloroethane	0.82	U	0.82	2.0
Chloroform	0.32	U	0.32	2.0
Chloromethane	0.60	U	0.60	2.0
2-Chlorotoluene	0.34	U	0.34	2.0
4-Chlorotoluene	0.42	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.0
Dibromomethane	0.34	U	0.34	2.0
1,2-Dichlorobenzene	0.30	U	0.30	2.0
1,3-Dichlorobenzene	0.26	U	0.26	2.0
1,4-Dichlorobenzene	0.32	U	0.32	2.0
Dichlorodifluoromethane	0.62	U	0.62	2.0
1,1-Dichloroethane	0.44	U	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
trans-1,2-Dichloroethene	2.8		0.30	2.0
1,1-Dichloroethene	7.0		0.46	2.0
1,2-Dichloropropane	0.36	U	0.36	2.0
1,3-Dichloropropane	0.44	U	0.44	2.0
2,2-Dichloropropane	0.36	U	0.36	2.0
cis-1,3-Dichloropropene	0.32	U	0.32	2.0
trans-1,3-Dichloropropene	0.38	U	0.38	2.0
1,1-Dichloropropene	0.38	U	0.38	2.0
Ethylbenzene	0.32	U	0.32	2.0
Hexachlorobutadiene	0.72	U	0.72	2.0
2-Hexanone	3.4	U	3.4	10
Isopropylbenzene	0.38	U	0.38	2.0
4-Isopropyltoluene	0.40	U	0.40	2.0
Methylene Chloride	0.64	U	0.64	2.0
4-Methyl-2-pentanone	2.0	U	2.0	10
Naphthalene	0.44	U	0.44	2.0
n-Propylbenzene	0.32	U	0.32	2.0
Styrene	0.34	U	0.34	2.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0524

Lab Sample ID: 280-66383-1

Date Sampled: 03/07/2015 1301

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4773.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/13/2015 0907			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 0907				

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)	111		70 - 127	
Toluene-d8 (Surr)	94		80 - 125	
4-Bromofluorobenzene (Surr)	97		78 - 120	
Dibromofluoromethane (Surr)	113		77 - 120	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0524

Lab Sample ID: 280-66383-1
Client Matrix: Water

Date Sampled: 03/07/2015 1301
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268452	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4969.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2015 0948	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 0948				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	370		3.0	20
Vinyl chloride	340		2.0	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0525

Lab Sample ID: 280-66383-2

Date Sampled: 03/07/2015 1340

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4777.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1028			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1028				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0525

Lab Sample ID: 280-66383-2

Date Sampled: 03/07/2015 1340

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4777.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1028			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1028				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	109		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0539

Lab Sample ID: 280-66383-3

Date Sampled: 03/09/2015 1540

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4778.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1049			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1049				

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	0.59	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.29	J	0.15	1.0
trans-1,2-Dichloroethene	0.52	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0539

Lab Sample ID: 280-66383-3

Date Sampled: 03/09/2015 1540

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4778.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1049			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1049				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	15		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0541

Lab Sample ID: 280-66383-4

Date Sampled: 03/09/2015 0845

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4779.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1109			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.4	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	0.31	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0541

Lab Sample ID: 280-66383-4

Date Sampled: 03/09/2015 0845

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4779.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1109			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1109				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	91		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0542

Lab Sample ID: 280-66383-5

Date Sampled: 03/09/2015 0925

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4780.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1130			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1130				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.8	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	0.28	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.44	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0542

Lab Sample ID: 280-66383-5

Date Sampled: 03/09/2015 0925

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4780.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1130			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1130				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	90		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0549

Lab Sample ID: 280-66383-6

Date Sampled: 03/09/2015 1005

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4781.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1150			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1150				

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	0.39	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.28	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0549

Lab Sample ID: 280-66383-6
Client Matrix: Water

Date Sampled: 03/09/2015 1005
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4781.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1150			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1150				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0554B

Lab Sample ID: 280-66383-7

Date Sampled: 03/06/2015 1505

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4782.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1210			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1210				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0554B

Lab Sample ID: 280-66383-7

Date Sampled: 03/06/2015 1505

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4782.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1210			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1210				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	93		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0554C

Lab Sample ID: 280-66383-8

Date Sampled: 03/06/2015 1550

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4783.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1231			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1231				

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	44		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	16		0.15	1.0
trans-1,2-Dichloroethene	4.7		0.15	1.0
1,1-Dichloroethene	0.59	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0554C

Lab Sample ID: 280-66383-8

Date Sampled: 03/06/2015 1550

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4783.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1231			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1231				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	54		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-66383-9

Date Sampled: 03/07/2015 0859

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4785.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1312			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1312				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0561-1

Lab Sample ID: 280-66383-9
Client Matrix: Water

Date Sampled: 03/07/2015 0859
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4785.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1312			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1312				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-66383-10

Date Sampled: 03/07/2015 0945

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4786.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1332			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.5	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0561-2

Lab Sample ID: 280-66383-10
Client Matrix: Water

Date Sampled: 03/07/2015 0945
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4786.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1332			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1332				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	117		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-66383-11

Date Sampled: 03/07/2015 1030

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4787.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1352			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1352				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0561-3

Lab Sample ID: 280-66383-11
Client Matrix: Water

Date Sampled: 03/07/2015 1030
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4787.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1352			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1352				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-66383-12

Date Sampled: 03/09/2015 1047

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4788.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1413			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1413				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0568-1

Lab Sample ID: 280-66383-12
Client Matrix: Water

Date Sampled: 03/09/2015 1047
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4788.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1413			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1413				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	92		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-66383-13

Date Sampled: 03/09/2015 1111

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4789.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1433			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1433				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0568-2

Lab Sample ID: 280-66383-13

Date Sampled: 03/09/2015 1111

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4789.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1433			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1433				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-66383-14

Date Sampled: 03/09/2015 1140

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4790.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1454			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1454				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0568-3

Lab Sample ID: 280-66383-14

Date Sampled: 03/09/2015 1140

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4790.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1454			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1454				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	92		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-66383-15

Date Sampled: 03/09/2015 1348

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4791.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1514			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1514				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0569-1

Lab Sample ID: 280-66383-15
Client Matrix: Water

Date Sampled: 03/09/2015 1348
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4791.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1514			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1514				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.14	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-66383-16

Date Sampled: 03/09/2015 1417

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4792.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1535			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1535				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0569-2

Lab Sample ID: 280-66383-16

Date Sampled: 03/09/2015 1417

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4792.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1535			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1535				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.1		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)	123		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	119		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-66383-17

Date Sampled: 03/09/2015 1452

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4793.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1555			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1555				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.27	J	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	0.25	J	0.15	1.0
1,1-Dichloroethene	0.65	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0569-3

Lab Sample ID: 280-66383-17

Date Sampled: 03/09/2015 1452

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267824	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS4793.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/13/2015 1555		Final Weight/Volume: 20 mL
Prep Date: 03/13/2015 1555		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	27		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	115		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-66383-18

Date Sampled: 03/09/2015 0903

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4794.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1616			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1616				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.7	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0570-1

Lab Sample ID: 280-66383-18

Date Sampled: 03/09/2015 0903

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267824	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS4794.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/13/2015 1616		Final Weight/Volume: 20 mL
Prep Date: 03/13/2015 1616		

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-66383-19

Date Sampled: 03/09/2015 0933

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4795.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1636			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1636				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0570-2

Lab Sample ID: 280-66383-19
Client Matrix: Water

Date Sampled: 03/09/2015 0933
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267824	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS4795.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/13/2015 1636		Final Weight/Volume: 20 mL
Prep Date: 03/13/2015 1636		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.66	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-66383-20

Date Sampled: 03/09/2015 1003

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-267824	Instrument ID:	VMS_MS1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	MS4796.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/13/2015 1656			Final Weight/Volume:	20 mL
Prep Date:	03/13/2015 1656				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0570-3

Lab Sample ID: 280-66383-20
Client Matrix: Water

Date Sampled: 03/09/2015 1003
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-267824	Instrument ID: VMS_MS1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: MS4796.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/13/2015 1656		Final Weight/Volume: 20 mL
Prep Date: 03/13/2015 1656		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.6		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 127
Toluene-d8 (Surr)	91		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-66383-21

Date Sampled: 03/09/2015 1045

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0089.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2138			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2138				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0581-1

Lab Sample ID: 280-66383-21
Client Matrix: Water

Date Sampled: 03/09/2015 1045
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0089.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2138			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2138				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	97		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-66383-22

Date Sampled: 03/09/2015 1120

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0092.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2245			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2245				

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	5.5		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	2.6		0.15	1.0
trans-1,2-Dichloroethene	0.26	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	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0581-2

Lab Sample ID: 280-66383-22
Client Matrix: Water

Date Sampled: 03/09/2015 1120
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0092.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2245			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	7.2		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)	99		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-66383-23

Date Sampled: 03/09/2015 1210

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0093.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2307			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.75	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.55	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0581-3

Lab Sample ID: 280-66383-23

Date Sampled: 03/09/2015 1210

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0093.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2307			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	100		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-66383-24

Date Sampled: 03/09/2015 1345

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0094.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2329			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2329				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0582-1

Lab Sample ID: 280-66383-24
Client Matrix: Water

Date Sampled: 03/09/2015 1345
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0094.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2329			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2329				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-66383-25

Date Sampled: 03/09/2015 1420

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0095.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2352			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2352				

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	48		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	7.5		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-66383-25
Client Matrix: Water

Date Sampled: 03/09/2015 1420
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0095.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/16/2015 2352			Final Weight/Volume:	20 mL
Prep Date:	03/16/2015 2352				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0582-2

Lab Sample ID: 280-66383-25
Client Matrix: Water

Date Sampled: 03/09/2015 1420
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0096.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/17/2015 0014	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0014				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-66383-26

Date Sampled: 03/09/2015 1455

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0097.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0036			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0036				

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	1.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	1.7		0.15	1.0
trans-1,2-Dichloroethene	0.41	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0582-3

Lab Sample ID: 280-66383-26
Client Matrix: Water

Date Sampled: 03/09/2015 1455
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0097.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0036			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0036				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	96		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-66383-27

Date Sampled: 03/07/2015 1109

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0098.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0058			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0058				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0584-1

Lab Sample ID: 280-66383-27
Client Matrix: Water

Date Sampled: 03/07/2015 1109
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0098.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0058			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0058				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-66383-28

Date Sampled: 03/07/2015 1139

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268418	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0173.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 0523			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 0523				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0584-2

Lab Sample ID: 280-66383-28
Client Matrix: Water

Date Sampled: 03/07/2015 1139
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268418	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0173.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 0523			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 0523				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	96		80 - 125
4-Bromofluorobenzene (Surr)	98		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-66383-29

Date Sampled: 03/07/2015 1213

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0100.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0143			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 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	0.96	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0584-3

Lab Sample ID: 280-66383-29
Client Matrix: Water

Date Sampled: 03/07/2015 1213
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0100.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0143			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 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	10		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-66383-30

Date Sampled: 03/07/2015 1150

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0101.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0205			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0205				

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	24		0.15	1.0
trans-1,2-Dichloroethene	0.45	J	0.15	1.0
1,1-Dichloroethene	1.7		0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0585-1

Lab Sample ID: 280-66383-30
Client Matrix: Water

Date Sampled: 03/07/2015 1150
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0101.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0205			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0205				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	1.4		0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	99		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-66383-31

Date Sampled: 03/07/2015 1230

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0102.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/17/2015 0227			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0227				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	38	U	38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	36		3.0	20
1,1-Dichloroethene	180		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	6.4	U	6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	4.4	U	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-66383-31
Client Matrix: Water

Date Sampled: 03/07/2015 1230
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B Analysis Batch: 280-268244 Instrument ID: VMS_H
Prep Method: 5030B Prep Batch: N/A Lab File ID: H0102.D
Dilution: 1.0 Initial Weight/Volume: 1 mL
Analysis Date: 03/17/2015 0227 Final Weight/Volume: 20 mL
Prep Date: 03/17/2015 0227

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0585-2

Lab Sample ID: 280-66383-31
Client Matrix: Water

Date Sampled: 03/07/2015 1230
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0103.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	03/17/2015 0249	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0249				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	4600		30	200
Vinyl chloride	2100		20	200

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-66383-32

Date Sampled: 03/07/2015 1420

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0104.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/17/2015 0311			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0311				

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)	35		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	0.60	J	0.44	2.0
1,2-Dichloroethane	0.26	U	0.26	2.0
cis-1,2-Dichloroethene	48		0.30	2.0
trans-1,2-Dichloroethene	5.5		0.30	2.0
1,1-Dichloroethene	1.6	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-66383-32

Date Sampled: 03/07/2015 1420

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0104.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/17/2015 0311			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0311				

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	0.36	J	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	4.1		0.32	2.0
Trichlorofluoromethane	0.58	U	0.58	2.0
1,2,3-Trichloropropane	0.66	U	0.66	2.0
1,2,4-Trimethylbenzene	0.30	U	0.30	2.0
1,3,5-Trimethylbenzene	0.32	U	0.32	2.0
Xylenes, Total	0.38	U	0.38	2.0
1,2-Dibromoethane	0.36	U	0.36	2.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	
Toluene-d8 (Surr)	95		80 - 125	
4-Bromofluorobenzene (Surr)	96		78 - 120	
Dibromofluoromethane (Surr)	101		77 - 120	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN12-0585-3

Lab Sample ID: 280-66383-32
Client Matrix: Water

Date Sampled: 03/07/2015 1420
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0105.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/17/2015 0334	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0334				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	490		2.0	20

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1

Sdg Number: 15026796

Client Sample ID: PIN99-2199

Lab Sample ID: 280-66383-33

Date Sampled: 03/06/2015 1520

Client Matrix: Water

Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0106.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0356			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0356				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66383-1
Sdg Number: 15026796

Client Sample ID: PIN99-2199

Lab Sample ID: 280-66383-33
Client Matrix: Water

Date Sampled: 03/06/2015 1520
Date Received: 03/11/2015 1400

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268244	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0106.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 0356			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 0356				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	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)	83		80 - 125
4-Bromofluorobenzene (Surr)	82		78 - 120
Dibromofluoromethane (Surr)	86		77 - 120

ANALYTICAL REPORT

Job Number: 280-66492-1

SDG Number: 15026796

Job Description: PINELLAS MONITORING

For:

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



Approved for release.
DiLea R Bindel
Project Manager I
3/26/2015 4:39 PM

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The Lab Certification ID# is 4025.

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

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

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CASE NARRATIVE

Client: S.M. Stoller Corporation

Project: PINELLAS MONITORING - 15026796

Report Number: 280-66492-1

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

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

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

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

RECEIPT

The samples were received on 3/13/2015 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.1° C and 1.6° C.

GC/MS VOLATILES - SW846 8260B

Due to the nature of the sample matrix (foamy), samples PIN12-0587-2 (NDR 442) and PIN12-2454 (NDR 497) had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

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

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Naphthalene were detected in the method blank associated with batch 280-268478 at levels that were above the method detection limit but not greater than half the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated samples reported a result above the MDL and/or RL, the result has been "B" flagged.

The MS/MSD performed on sample PIN99-2689 (NDR 510) exceeded the RPD control limits for Toluene. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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

In some cases, due to high concentrations of target analytes, samples had to be analyzed using reduced aliquot sizes. The reporting limits have been elevated accordingly.

Internal standard responses were outside of acceptance limits for sample PIN12-2454 (NDR 497). Evidence of matrix interference is present; therefore, data are reported as is.

The MS/MSD performed on sample PIN12-0551-1 (NDR 399) exceeded the RPD control limits for 1,4-Dioxane. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

The MS aliquot of the MS/MSD performed on sample PIN12-S73D (NDR 480) exhibited recoveries outside control limits, biased high, for 1,4-Dioxane. In addition, the MS/MSD RPD limits were exceeded. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DATA REPORTING QUALIFIERS

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

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.
	*	ISTD response or retention time outside acceptable limits
	F1	MS and/or MSD Recovery exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

SAMPLE SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-66492-1	PIN12-0540	Water	03/09/2015 1615	03/13/2015 0945
280-66492-1MS	PIN12-0540	Water	03/09/2015 1615	03/13/2015 0945
280-66492-1MSD	PIN12-0540	Water	03/09/2015 1615	03/13/2015 0945
280-66492-2	PIN12-0551-1	Water	03/11/2015 1400	03/13/2015 0945
280-66492-2MS	PIN12-0551-1	Water	03/11/2015 1400	03/13/2015 0945
280-66492-2MSD	PIN12-0551-1	Water	03/11/2015 1400	03/13/2015 0945
280-66492-3	PIN12-0551-2	Water	03/11/2015 1426	03/13/2015 0945
280-66492-4	PIN12-0572-1	Water	03/10/2015 1018	03/13/2015 0945
280-66492-5	PIN12-0575-1	Water	03/10/2015 0906	03/13/2015 0945
280-66492-6	PIN12-0575-2	Water	03/10/2015 0938	03/13/2015 0945
280-66492-7	PIN12-0576-1	Water	03/11/2015 1053	03/13/2015 0945
280-66492-8	PIN12-0576-3	Water	03/11/2015 1134	03/13/2015 0945
280-66492-9	PIN12-0577-1	Water	03/11/2015 0845	03/13/2015 0945
280-66492-10	PIN12-0577-2	Water	03/11/2015 0921	03/13/2015 0945
280-66492-11	PIN12-0577-3	Water	03/11/2015 0957	03/13/2015 0945
280-66492-12	PIN12-0578-1	Water	03/10/2015 1301	03/13/2015 0945
280-66492-13	PIN12-0578-2	Water	03/10/2015 1326	03/13/2015 0945
280-66492-14	PIN12-0578-3	Water	03/10/2015 1411	03/13/2015 0945
280-66492-15	PIN12-0579-1	Water	03/10/2015 1455	03/13/2015 0945
280-66492-16	PIN12-0579-2	Water	03/10/2015 1528	03/13/2015 0945
280-66492-17	PIN12-0579-3	Water	03/10/2015 1607	03/13/2015 0945
280-66492-18	PIN12-0580-1	Water	03/10/2015 1500	03/13/2015 0945
280-66492-19	PIN12-0580-2	Water	03/10/2015 1550	03/13/2015 0945
280-66492-20	PIN12-0580-3	Water	03/10/2015 1640	03/13/2015 0945
280-66492-21	PIN12-0583-1	Water	03/10/2015 1300	03/13/2015 0945
280-66492-22	PIN12-0583-2	Water	03/10/2015 1335	03/13/2015 0945
280-66492-23	PIN12-0583-3	Water	03/10/2015 1420	03/13/2015 0945
280-66492-24	PIN12-0586-1	Water	03/12/2015 0858	03/13/2015 0945
280-66492-25	PIN12-0586-2	Water	03/12/2015 0926	03/13/2015 0945
280-66492-26	PIN12-0586-3	Water	03/12/2015 1004	03/13/2015 0945
280-66492-27	PIN12-0587-1	Water	03/12/2015 1042	03/13/2015 0945
280-66492-28	PIN12-0587-2	Water	03/12/2015 1054	03/13/2015 0945
280-66492-29	PIN12-0587-3	Water	03/12/2015 1236	03/13/2015 0945
280-66492-30	PIN12-0588-1	Water	03/12/2015 0855	03/13/2015 0945
280-66492-31	PIN12-0588-2	Water	03/12/2015 0920	03/13/2015 0945
280-66492-32	PIN12-0588-3	Water	03/12/2015 0952	03/13/2015 0945
280-66492-33	PIN99-2200	Water	03/09/2015 1600	03/13/2015 0945
280-66492-34	PIN12-2450	Water	03/10/2015 1200	03/13/2015 0945
280-66492-35	PIN12-2454	Water	03/12/2015 0800	03/13/2015 0945
280-66492-36	PIN99-2689	Water	03/10/2015 0800	03/13/2015 0945
280-66492-37	PIN12-S68B	Water	03/11/2015 1530	03/13/2015 0945
280-66492-38	PIN12-S68C	Water	03/11/2015 1521	03/13/2015 0945
280-66492-39	PIN12-S68D	Water	03/11/2015 1606	03/13/2015 0945
280-66492-40	PIN12-S69B	Water	03/11/2015 1105	03/13/2015 0945
280-66492-41	PIN12-S69C	Water	03/11/2015 1150	03/13/2015 0945
280-66492-42	PIN12-S69D	Water	03/11/2015 1435	03/13/2015 0945
280-66492-43	PIN12-S71B	Water	03/11/2015 0850	03/13/2015 0945
280-66492-44	PIN12-S71C	Water	03/11/2015 0940	03/13/2015 0945
280-66492-45	PIN12-S71D	Water	03/11/2015 1025	03/13/2015 0945
280-66492-46	PIN12-S73B	Water	03/10/2015 0940	03/13/2015 0945
280-66492-47	PIN12-S73C	Water	03/10/2015 1030	03/13/2015 0945
280-66492-48	PIN12-S73D	Water	03/10/2015 1220	03/13/2015 0945

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66492-1	PIN12-0540					
Acetone		8.6	J	10	ug/L	8260B
1,1-Dichloroethane		13		1.0	ug/L	8260B
cis-1,2-Dichloroethene		25		1.0	ug/L	8260B
trans-1,2-Dichloroethene		13		1.0	ug/L	8260B
1,1-Dichloroethene		0.37	J	1.0	ug/L	8260B
Vinyl chloride		250		10	ug/L	8260B
1,4-Dioxane		190		20	ug/L	8260B SIM
280-66492-3	PIN12-0551-2					
Acetone		2.8	J	10	ug/L	8260B
280-66492-4	PIN12-0572-1					
1,4-Dioxane		0.45	J	1.0	ug/L	8260B SIM
280-66492-5	PIN12-0575-1					
1,4-Dioxane		2.4		1.0	ug/L	8260B SIM
280-66492-6	PIN12-0575-2					
Vinyl chloride		1.3		1.0	ug/L	8260B
280-66492-7	PIN12-0576-1					
Acetone		11		10	ug/L	8260B
2-Butanone (MEK)		29		5.0	ug/L	8260B
1,1-Dichloroethane		10		1.0	ug/L	8260B
cis-1,2-Dichloroethene		4.9		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
1,1-Dichloroethene		1.1		1.0	ug/L	8260B
Vinyl chloride		8.0		1.0	ug/L	8260B
1,4-Dioxane		36		2.0	ug/L	8260B SIM
280-66492-8	PIN12-0576-3					
Acetone		2.1	J	10	ug/L	8260B
1,1-Dichloroethane		0.33	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.34	J	1.0	ug/L	8260B
Vinyl chloride		0.62	J	1.0	ug/L	8260B
280-66492-13	PIN12-0578-2					
Acetone		3.3	J	10	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66492-16	PIN12-0579-2					
Acetone		2.4	J	10	ug/L	8260B
Methylene Chloride		1.1		1.0	ug/L	8260B
280-66492-17	PIN12-0579-3					
Acetone		2.4	J	10	ug/L	8260B
Methylene Chloride		1.3		1.0	ug/L	8260B
280-66492-18	PIN12-0580-1					
Methylene Chloride		1.8		1.0	ug/L	8260B
280-66492-19	PIN12-0580-2					
Acetone		2.8	J	10	ug/L	8260B
1,1-Dichloroethane		3.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		17		1.0	ug/L	8260B
trans-1,2-Dichloroethene		6.9		1.0	ug/L	8260B
Methylene Chloride		1.5		1.0	ug/L	8260B
Vinyl chloride		170		10	ug/L	8260B
1,4-Dioxane		160		20	ug/L	8260B SIM
280-66492-20	PIN12-0580-3					
Acetone		2.2	J	10	ug/L	8260B
1,1-Dichloroethane		3.5		1.0	ug/L	8260B
cis-1,2-Dichloroethene		18		1.0	ug/L	8260B
trans-1,2-Dichloroethene		3.8		1.0	ug/L	8260B
1,1-Dichloroethene		0.23	J	1.0	ug/L	8260B
Methylene Chloride		1.5		1.0	ug/L	8260B
Vinyl chloride		38		1.0	ug/L	8260B
1,4-Dioxane		35		2.0	ug/L	8260B SIM
280-66492-21	PIN12-0583-1					
Acetone		4.3	J	10	ug/L	8260B
2-Butanone (MEK)		4.2	J	5.0	ug/L	8260B
Methylene Chloride		1.6		1.0	ug/L	8260B

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66492-22	PIN12-0583-2					
Acetone		3.2	J	10	ug/L	8260B
1,1-Dichloroethane		0.30	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.26	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B
Methylene Chloride		1.6		1.0	ug/L	8260B
Vinyl chloride		5.7		1.0	ug/L	8260B
1,4-Dioxane		3.7		1.0	ug/L	8260B SIM
280-66492-23	PIN12-0583-3					
Acetone		4.6	J	10	ug/L	8260B
Methylene Chloride		1.5		1.0	ug/L	8260B
Vinyl chloride		0.16	J	1.0	ug/L	8260B
280-66492-24	PIN12-0586-1					
cis-1,2-Dichloroethene		0.55	J	1.0	ug/L	8260B
Methylene Chloride		1.8		1.0	ug/L	8260B
Vinyl chloride		0.68	J	1.0	ug/L	8260B
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-66492-25	PIN12-0586-2					
Acetone		1.9	J	10	ug/L	8260B
1,1-Dichloroethane		0.24	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
1,1-Dichloroethene		0.42	J	1.0	ug/L	8260B
Methylene Chloride		1.6		1.0	ug/L	8260B
Vinyl chloride		6.4		1.0	ug/L	8260B
1,4-Dioxane		1.8		1.0	ug/L	8260B SIM
280-66492-26	PIN12-0586-3					
Acetone		3.9	J	10	ug/L	8260B
Methylene Chloride		1.9		1.0	ug/L	8260B
Vinyl chloride		5.7		1.0	ug/L	8260B
1,4-Dioxane		1.7		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66492-27	PIN12-0587-1					
Acetone		13		10	ug/L	8260B
2-Butanone (MEK)		6.1		5.0	ug/L	8260B
cis-1,2-Dichloroethene		2.0		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.27	J	1.0	ug/L	8260B
Methylene Chloride		1.6		1.0	ug/L	8260B
Vinyl chloride		4.4		1.0	ug/L	8260B
280-66492-28	PIN12-0587-2					
cis-1,2-Dichloroethene		4300		200	ug/L	8260B
trans-1,2-Dichloroethene		43		20	ug/L	8260B
1,1-Dichloroethene		210		20	ug/L	8260B
Methylene Chloride		50		20	ug/L	8260B
Naphthalene		9.5	J B	20	ug/L	8260B
1,2,3-Trichlorobenzene		5.4	J B	20	ug/L	8260B
1,2,4-Trichlorobenzene		4.6	J B	20	ug/L	8260B
Trichloroethene		62		20	ug/L	8260B
Vinyl chloride		1900		200	ug/L	8260B
280-66492-29	PIN12-0587-3					
Benzene		0.19	J	1.0	ug/L	8260B
2-Butanone (MEK)		40		5.0	ug/L	8260B
1,1-Dichloroethane		0.47	J	1.0	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.37	J	1.0	ug/L	8260B
1,1-Dichloroethene		0.29	J	1.0	ug/L	8260B
Methylene Chloride		1.2		1.0	ug/L	8260B
Toluene		0.20	J	1.0	ug/L	8260B
Trichloroethene		0.27	J	1.0	ug/L	8260B
Vinyl chloride		73		4.0	ug/L	8260B
280-66492-30	PIN12-0588-1					
Acetone		2.2	J	10	ug/L	8260B
cis-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
Methylene Chloride		0.96	J	1.0	ug/L	8260B
Vinyl chloride		0.89	J	1.0	ug/L	8260B
1,4-Dioxane		9.8		4.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66492-31	PIN12-0588-2					
Acetone		4.8	J	10	ug/L	8260B
1,1-Dichloroethane		2.2		1.0	ug/L	8260B
cis-1,2-Dichloroethene		2.8		1.0	ug/L	8260B
Methylene Chloride		0.98	J	1.0	ug/L	8260B
Vinyl chloride		3.5		1.0	ug/L	8260B
1,4-Dioxane		12		1.0	ug/L	8260B SIM
280-66492-32	PIN12-0588-3					
cis-1,2-Dichloroethene		0.20	J	1.0	ug/L	8260B
Methylene Chloride		1.2		1.0	ug/L	8260B
Vinyl chloride		0.82	J	1.0	ug/L	8260B
1,4-Dioxane		3.0		1.0	ug/L	8260B SIM
280-66492-34	PIN12-2450					
Acetone		2.2	J	10	ug/L	8260B
1,4-Dioxane		2.2		1.0	ug/L	8260B SIM
280-66492-35	PIN12-2454					
cis-1,2-Dichloroethene		4800		200	ug/L	8260B
trans-1,2-Dichloroethene		45		20	ug/L	8260B
1,1-Dichloroethene		160		20	ug/L	8260B
Methylene Chloride		31		20	ug/L	8260B
Trichloroethene		62		20	ug/L	8260B
Vinyl chloride		2100		200	ug/L	8260B
280-66492-36	PIN99-2689					
Chloroform		0.16	J	1.0	ug/L	8260B
280-66492-37	PIN12-S68B					
1,4-Dioxane		2.1		1.0	ug/L	8260B SIM
280-66492-38	PIN12-S68C					
1,1-Dichloroethane		2.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260B
Vinyl chloride		7.5		1.0	ug/L	8260B
1,4-Dioxane		6.9		1.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66492-39	PIN12-S68D					
Benzene		0.43	J	1.0	ug/L	8260B
1,1-Dichloroethane		1.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		52		1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.94	J	1.0	ug/L	8260B
Vinyl chloride		32		1.0	ug/L	8260B
1,4-Dioxane		3.3		1.0	ug/L	8260B SIM
280-66492-40	PIN12-S69B					
cis-1,2-Dichloroethene		0.19	J	1.0	ug/L	8260B
1,4-Dioxane		1.4		1.0	ug/L	8260B SIM
280-66492-41	PIN12-S69C					
cis-1,2-Dichloroethene		0.80	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.25	J	1.0	ug/L	8260B
1,4-Dioxane		3.3		1.0	ug/L	8260B SIM
280-66492-42	PIN12-S69D					
cis-1,2-Dichloroethene		0.50	J	1.0	ug/L	8260B
Vinyl chloride		0.35	J	1.0	ug/L	8260B
1,4-Dioxane		1.3		1.0	ug/L	8260B SIM
280-66492-43	PIN12-S71B					
1,4-Dioxane		1.2		1.0	ug/L	8260B SIM
280-66492-44	PIN12-S71C					
1,1-Dichloroethane		2.0		1.0	ug/L	8260B
cis-1,2-Dichloroethene		13		1.0	ug/L	8260B
trans-1,2-Dichloroethene		8.0		1.0	ug/L	8260B
Vinyl chloride		35		1.0	ug/L	8260B
1,4-Dioxane		21		2.0	ug/L	8260B SIM
280-66492-45	PIN12-S71D					
1,1-Dichloroethane		2.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		27		1.0	ug/L	8260B
trans-1,2-Dichloroethene		12		1.0	ug/L	8260B
1,1-Dichloroethene		0.50	J	1.0	ug/L	8260B
Vinyl chloride		42		1.0	ug/L	8260B
1,4-Dioxane		30		2.0	ug/L	8260B SIM

EXECUTIVE SUMMARY - Detections

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Sample ID	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-66492-46	PIN12-S73B					
Acetone		120		10	ug/L	8260B
2-Butanone (MEK)		24		5.0	ug/L	8260B
cis-1,2-Dichloroethene		0.24	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.16	J	1.0	ug/L	8260B
Toluene		0.19	J	1.0	ug/L	8260B
Vinyl chloride		0.81	J	1.0	ug/L	8260B
280-66492-47	PIN12-S73C					
1,1-Dichloroethane		5.3		1.0	ug/L	8260B
cis-1,2-Dichloroethene		11		1.0	ug/L	8260B
trans-1,2-Dichloroethene		14		1.0	ug/L	8260B
1,1-Dichloroethene		0.27	J	1.0	ug/L	8260B
Vinyl chloride		130		10	ug/L	8260B
1,4-Dioxane		130		10	ug/L	8260B SIM
280-66492-48	PIN12-S73D					
1,1-Dichloroethane		0.35	J	1.0	ug/L	8260B
trans-1,2-Dichloroethene		0.43	J	1.0	ug/L	8260B
Vinyl chloride		2.9		1.0	ug/L	8260B
1,4-Dioxane		8.6	F1 F2	1.0	ug/L	8260B SIM

METHOD SUMMARY

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

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: 280-66492-1

Sdg Number: 15026796

Method	Analyst	Analyst ID
SW846 8260B	Berger, Brent B	BBB
SW846 8260B	Dobransky, Michael E	MD
SW846 8260B SIM	Moan, Matthew R	MRM

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0540

Lab Sample ID: 280-66492-1

Date Sampled: 03/09/2015 1615

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3853.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1313			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1313				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	8.6	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	13		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	13		0.15	1.0
1,1-Dichloroethene	0.37	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0540

Lab Sample ID: 280-66492-1
Client Matrix: Water

Date Sampled: 03/09/2015 1615
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3853.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1313			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1313				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	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)	102		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	93		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0540

Lab Sample ID: 280-66492-1

Date Sampled: 03/09/2015 1615

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3856.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/17/2015 1412	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1412				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0551-1

Lab Sample ID: 280-66492-2

Date Sampled: 03/11/2015 1400

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3857.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1432			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1432				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0551-1

Lab Sample ID: 280-66492-2
Client Matrix: Water

Date Sampled: 03/11/2015 1400
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3857.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1432			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1432				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	100		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	100		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-66492-3

Date Sampled: 03/11/2015 1426

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3858.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1451			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1451				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-66492-3
Client Matrix: Water

Date Sampled: 03/11/2015 1426
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3858.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1451			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1451				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 127
Toluene-d8 (Surr)	89		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	96		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-66492-4

Date Sampled: 03/10/2015 1018

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3859.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1511			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1511				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-66492-4
Client Matrix: Water

Date Sampled: 03/10/2015 1018
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3859.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1511			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1511				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	100		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-66492-5

Date Sampled: 03/10/2015 0906

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3860.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1531			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 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	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-66492-5
Client Matrix: Water

Date Sampled: 03/10/2015 0906
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3860.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1531			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 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	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	103		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-66492-6

Date Sampled: 03/10/2015 0938

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3861.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1551			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1551				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-66492-6

Date Sampled: 03/10/2015 0938

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-268261	Instrument ID: VMS_R1	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3861.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 03/17/2015 1551		Final Weight/Volume: 20 mL	
Prep Date: 03/17/2015 1551			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	1.3		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)	89		70 - 127
Toluene-d8 (Surr)	90		80 - 125
4-Bromofluorobenzene (Surr)	85		78 - 120
Dibromofluoromethane (Surr)	92		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-66492-7

Date Sampled: 03/11/2015 1053

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3862.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1610			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1610				

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)	29		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	10		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	4.9		0.15	1.0
trans-1,2-Dichloroethene	0.16	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-66492-7
Client Matrix: Water

Date Sampled: 03/11/2015 1053
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3862.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1610			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1610				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	8.0		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	104		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-66492-8

Date Sampled: 03/11/2015 1134

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3863.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1630			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1630				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.1	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.33	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.34	J	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-66492-8
Client Matrix: Water

Date Sampled: 03/11/2015 1134
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3863.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1630			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1630				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.62	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 127
Toluene-d8 (Surr)	112		80 - 125
4-Bromofluorobenzene (Surr)	108		78 - 120
Dibromofluoromethane (Surr)	118		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-66492-9

Date Sampled: 03/11/2015 0845

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3864.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1650			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1650				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-66492-9

Date Sampled: 03/11/2015 0845

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3864.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1650			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1650				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	97		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-66492-10

Date Sampled: 03/11/2015 0921

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3865.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1709			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1709				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-66492-10
Client Matrix: Water

Date Sampled: 03/11/2015 0921
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3865.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1709			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1709				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-66492-11

Date Sampled: 03/11/2015 0957

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3866.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1729			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1729				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-66492-11
Client Matrix: Water

Date Sampled: 03/11/2015 0957
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3866.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1729			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1729				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-66492-12

Date Sampled: 03/10/2015 1301

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3867.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1749			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1749				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-66492-12
Client Matrix: Water

Date Sampled: 03/10/2015 1301
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3867.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1749			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1749				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	99		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-66492-13

Date Sampled: 03/10/2015 1326

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3868.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1808			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1808				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-66492-13
Client Matrix: Water

Date Sampled: 03/10/2015 1326
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3868.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1808			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1808				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-66492-14

Date Sampled: 03/10/2015 1411

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3869.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1828			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1828				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-66492-14

Date Sampled: 03/10/2015 1411

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3869.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1828			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1828				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	99		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	106		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-66492-15

Date Sampled: 03/10/2015 1455

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3870.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1848			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1848				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-66492-15
Client Matrix: Water

Date Sampled: 03/10/2015 1455
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268261	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3870.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1848			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1848				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	96		80 - 125
4-Bromofluorobenzene (Surr)	88		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-66492-16

Date Sampled: 03/10/2015 1528

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5648.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1243			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1243				

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	0.15	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-66492-16

Date Sampled: 03/10/2015 1528

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5648.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1243			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1243				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-66492-17

Date Sampled: 03/10/2015 1607

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5659.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1629			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1629				

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	0.15	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-66492-17
Client Matrix: Water

Date Sampled: 03/10/2015 1607
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5659.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1629			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1629				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	100		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-66492-18

Date Sampled: 03/10/2015 1500

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5660.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1649			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1649				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-66492-18
Client Matrix: Water

Date Sampled: 03/10/2015 1500
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5660.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1649			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 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	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-66492-19

Date Sampled: 03/10/2015 1550

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5649.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1304			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1304				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	17		0.15	1.0
trans-1,2-Dichloroethene	6.9		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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-66492-19
Client Matrix: Water

Date Sampled: 03/10/2015 1550
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5649.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1304			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1304				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Xylenes, Total	0.19	U	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)	100		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-66492-19

Date Sampled: 03/10/2015 1550

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5650.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/18/2015 1324	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1324				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	170		1.0	10

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-66492-20

Date Sampled: 03/10/2015 1640

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5661.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1710			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1710				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	3.5	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	18	U	0.15	1.0
trans-1,2-Dichloroethene	3.8	U	0.15	1.0
1,1-Dichloroethene	0.23	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	1.5	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-66492-20

Date Sampled: 03/10/2015 1640

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5661.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1710			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1710				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	38		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-66492-21

Date Sampled: 03/10/2015 1300

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5662.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1730			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1730				

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)	4.2	J	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	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	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-66492-21
Client Matrix: Water

Date Sampled: 03/10/2015 1300
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5662.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1730			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1730				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	100		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-66492-22

Date Sampled: 03/10/2015 1335

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5663.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1750			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1750				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.30	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.26	J	0.15	1.0
trans-1,2-Dichloroethene	0.37	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-66492-22
Client Matrix: Water

Date Sampled: 03/10/2015 1335
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5663.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1750			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1750				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	5.7		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)	107		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-66492-23

Date Sampled: 03/10/2015 1420

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5664.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1811			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1811				

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	0.15	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-66492-23

Date Sampled: 03/10/2015 1420

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5664.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1811			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1811				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	101		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-66492-24

Date Sampled: 03/12/2015 0858

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5665.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1831			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1831				

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	0.55	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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-66492-24
Client Matrix: Water

Date Sampled: 03/12/2015 0858
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5665.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1831			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1831				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.68	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-66492-25

Date Sampled: 03/12/2015 0926

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5666.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1852			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1852				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.24	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	11		0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.42	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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-66492-25
Client Matrix: Water

Date Sampled: 03/12/2015 0926
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5666.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1852			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1852				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	109		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	111		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-66492-26

Date Sampled: 03/12/2015 1004

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5667.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1912			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1912				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	3.9	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	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	1.9		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-66492-26
Client Matrix: Water

Date Sampled: 03/12/2015 1004
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5667.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1912			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1912				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	5.7		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)	100		80 - 125
4-Bromofluorobenzene (Surr)	104		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-66492-27

Date Sampled: 03/12/2015 1042

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5668.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1932			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1932				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	13		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	6.1		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	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	2.0		0.15	1.0
trans-1,2-Dichloroethene	0.27	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	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-66492-27
Client Matrix: Water

Date Sampled: 03/12/2015 1042
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5668.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1932			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1932				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	4.4		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)	112		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	113		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-66492-28

Date Sampled: 03/12/2015 1054

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5653.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2015 1426			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1426				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	38	U	38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	43		3.0	20
1,1-Dichloroethene	210		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	50		6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	9.5	J B	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-66492-28
Client Matrix: Water

Date Sampled: 03/12/2015 1054
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5653.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2015 1426			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1426				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.2	U	4.2	20
1,1,2,2-Tetrachloroethane	4.2	U	4.2	20
Tetrachloroethene	4.0	U	4.0	20
Toluene	3.4	U	3.4	20
1,2,3-Trichlorobenzene	5.4	J B	4.2	20
1,2,4-Trichlorobenzene	4.6	J B	4.2	20
1,1,1-Trichloroethane	3.2	U	3.2	20
1,1,2-Trichloroethane	5.4	U	5.4	20
Trichloroethene	62		3.2	20
Trichlorofluoromethane	5.8	U	5.8	20
1,2,3-Trichloropropane	6.6	U	6.6	20
1,2,4-Trimethylbenzene	3.0	U	3.0	20
1,3,5-Trimethylbenzene	3.2	U	3.2	20
Xylenes, Total	3.8	U	3.8	20
1,2-Dibromoethane	3.6	U	3.6	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	104		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-66492-28
Client Matrix: Water

Date Sampled: 03/12/2015 1054
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5654.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	03/18/2015 1446	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1446				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	4300		30	200
Vinyl chloride	1900		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	102		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-66492-29

Date Sampled: 03/12/2015 1236

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5655.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1507			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1507				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.19	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)	40		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.47	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	13		0.15	1.0
trans-1,2-Dichloroethene	0.37	J	0.15	1.0
1,1-Dichloroethene	0.29	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	1.2		0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-66492-29
Client Matrix: Water

Date Sampled: 03/12/2015 1236
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5655.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1507			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1507				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	110		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-66492-29

Date Sampled: 03/12/2015 1236

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5656.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/18/2015 1527	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1527				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	73		0.40	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	98		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	109		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-66492-30

Date Sampled: 03/12/2015 0855

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5669.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1953			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1953				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.16	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	0.96	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-66492-30
Client Matrix: Water

Date Sampled: 03/12/2015 0855
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5669.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1953			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1953				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	109		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-66492-31

Date Sampled: 03/12/2015 0920

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5670.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2122			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2122				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	4.8	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.2		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	2.8		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	0.98	J	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-66492-31

Date Sampled: 03/12/2015 0920

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5670.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2122			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2122				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	3.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	106		78 - 120
Dibromofluoromethane (Surr)	114		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-66492-32

Date Sampled: 03/12/2015 0952

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5671.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2142			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2142				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-66492-32

Date Sampled: 03/12/2015 0952

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-268478	Instrument ID: VMS_Q	
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: Q5671.D	
Dilution: 1.0		Initial Weight/Volume: 20 mL	
Analysis Date: 03/18/2015 2142		Final Weight/Volume: 20 mL	
Prep Date: 03/18/2015 2142			

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.82	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)	109		70 - 127
Toluene-d8 (Surr)	99		80 - 125
4-Bromofluorobenzene (Surr)	105		78 - 120
Dibromofluoromethane (Surr)	112		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN99-2200

Lab Sample ID: 280-66492-33

Date Sampled: 03/09/2015 1600

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268639	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3967.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1505			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1505				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN99-2200

Lab Sample ID: 280-66492-33
Client Matrix: Water

Date Sampled: 03/09/2015 1600
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268639	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3967.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1505			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1505				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 127
Toluene-d8 (Surr)	102		80 - 125
4-Bromofluorobenzene (Surr)	90		78 - 120
Dibromofluoromethane (Surr)	105		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-2450

Lab Sample ID: 280-66492-34

Date Sampled: 03/10/2015 1200

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268639	Instrument ID:	VMS_R1
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	R3968.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1524			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1524				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	2.2	J	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-2450

Lab Sample ID: 280-66492-34
Client Matrix: Water

Date Sampled: 03/10/2015 1200
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-268639	Instrument ID: VMS_R1
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: R3968.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/19/2015 1524		Final Weight/Volume: 20 mL
Prep Date: 03/19/2015 1524		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	95		80 - 125
4-Bromofluorobenzene (Surr)	87		78 - 120
Dibromofluoromethane (Surr)	97		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-2454

Lab Sample ID: 280-66492-35

Date Sampled: 03/12/2015 0800

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5657.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2015 1548			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1548				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	38	U	38	200
Benzene	3.2	U	3.2	20
Bromobenzene	3.4	U	3.4	20
Bromochloromethane	2.0	U	2.0	20
Bromodichloromethane	3.4	U	3.4	20
Bromoform	3.8	U	3.8	20
Bromomethane	4.2	U	4.2	20
2-Butanone (MEK)	40	U	40	100
n-Butylbenzene	6.4	U	6.4	20
sec-Butylbenzene	3.4	U	3.4	20
tert-Butylbenzene	3.2	U	3.2	20
Carbon disulfide	9.0	U	9.0	20
Carbon tetrachloride	3.8	U	3.8	20
Chlorobenzene	3.4	U	3.4	20
Dibromochloromethane	3.4	U	3.4	20
Chloroethane	8.2	U	8.2	20
Chloroform	3.2	U	3.2	20
Chloromethane	6.0	U	6.0	20
2-Chlorotoluene	3.4	U	3.4	20
4-Chlorotoluene	4.2	U	4.2	20
1,2-Dibromo-3-Chloropropane	9.4	U	9.4	20
Dibromomethane	3.4	U	3.4	20
1,2-Dichlorobenzene	3.0	U	3.0	20
1,3-Dichlorobenzene	2.6	U	2.6	20
1,4-Dichlorobenzene	3.2	U	3.2	20
Dichlorodifluoromethane	6.2	U	6.2	20
1,1-Dichloroethane	4.4	U	4.4	20
1,2-Dichloroethane	2.6	U	2.6	20
trans-1,2-Dichloroethene	45		3.0	20
1,1-Dichloroethene	160		4.6	20
1,2-Dichloropropane	3.6	U	3.6	20
1,3-Dichloropropane	4.4	U	4.4	20
2,2-Dichloropropane	3.6	U	3.6	20
cis-1,3-Dichloropropene	3.2	U	3.2	20
trans-1,3-Dichloropropene	3.8	U	3.8	20
1,1-Dichloropropene	3.8	U	3.8	20
Ethylbenzene	3.2	U	3.2	20
Hexachlorobutadiene	7.2	U	7.2	20
2-Hexanone	34	U	34	100
Isopropylbenzene	3.8	U	3.8	20
4-Isopropyltoluene	4.0	U	4.0	20
Methylene Chloride	31		6.4	20
4-Methyl-2-pentanone	20	U	20	100
Naphthalene	4.4	U	4.4	20
n-Propylbenzene	3.2	U	3.2	20
Styrene	3.4	U	3.4	20

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-2454

Lab Sample ID: 280-66492-35

Date Sampled: 03/12/2015 0800

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5657.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2015 1548			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1548				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1,2-Tetrachloroethane	4.2	U	4.2	20
1,1,2,2-Tetrachloroethane	4.2	U	4.2	20
Tetrachloroethene	4.0	U	4.0	20
Toluene	3.4	U	3.4	20
1,2,3-Trichlorobenzene	4.2	U	4.2	20
1,2,4-Trichlorobenzene	4.2	U	4.2	20
1,1,1-Trichloroethane	3.2	U	3.2	20
1,1,2-Trichloroethane	5.4	U	5.4	20
Trichloroethene	62		3.2	20
Trichlorofluoromethane	5.8	U	5.8	20
1,2,3-Trichloropropane	6.6	U	6.6	20
1,2,4-Trimethylbenzene	3.0	U	3.0	20
1,3,5-Trimethylbenzene	3.2	U	3.2	20
Xylenes, Total	3.8	U	3.8	20
1,2-Dibromoethane	3.6	U	3.6	20
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	105		70 - 127	
Toluene-d8 (Surr)	97		80 - 125	
4-Bromofluorobenzene (Surr)	104		78 - 120	
Dibromofluoromethane (Surr)	108		77 - 120	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-2454

Lab Sample ID: 280-66492-35
Client Matrix: Water

Date Sampled: 03/12/2015 0800
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268478	Instrument ID:	VMS_Q
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	Q5658.D
Dilution:	1.0			Initial Weight/Volume:	0.1 mL
Analysis Date:	03/18/2015 1608	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1608				

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethene	4800		30	200
Vinyl chloride	2100		20	200

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	107		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN99-2689

Lab Sample ID: 280-66492-36

Date Sampled: 03/10/2015 0800

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0211.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2110			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2110				

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	J	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN99-2689

Lab Sample ID: 280-66492-36
Client Matrix: Water

Date Sampled: 03/10/2015 0800
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0211.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2110			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2110				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U F2	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.10	U	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	96		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-66492-37

Date Sampled: 03/11/2015 1530

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0214.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2217			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2217				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-66492-37

Date Sampled: 03/11/2015 1530

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0214.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2217			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2217				

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

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101		70 - 127
Toluene-d8 (Surr)	97		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-66492-38

Date Sampled: 03/11/2015 1521

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0215.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2240			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2240				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.4		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	11		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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-66492-38

Date Sampled: 03/11/2015 1521

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-268615	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H0215.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/18/2015 2240		Final Weight/Volume: 20 mL
Prep Date: 03/18/2015 2240		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	7.5		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-66492-39

Date Sampled: 03/11/2015 1606

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0216.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2302			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2302				

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	1.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	52		0.15	1.0
trans-1,2-Dichloroethene	0.94	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-66492-39
Client Matrix: Water

Date Sampled: 03/11/2015 1606
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0216.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2302			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2302				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	32		0.10	1.0
Xylenes, Total	0.19	U	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)	96		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-66492-40

Date Sampled: 03/11/2015 1105

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0218.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2347			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2347				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-66492-40
Client Matrix: Water

Date Sampled: 03/11/2015 1105
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0218.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 2347			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 2347				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	97		80 - 125
4-Bromofluorobenzene (Surr)	99		78 - 120
Dibromofluoromethane (Surr)	103		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-66492-41

Date Sampled: 03/11/2015 1150

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0219.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0009			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0009				

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	0.80	J	0.15	1.0
trans-1,2-Dichloroethene	0.25	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-66492-41
Client Matrix: Water

Date Sampled: 03/11/2015 1150
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0219.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0009			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0009				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	96		80 - 125
4-Bromofluorobenzene (Surr)	95		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-66492-42

Date Sampled: 03/11/2015 1435

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0220.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0031			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0031				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-66492-42

Date Sampled: 03/11/2015 1435

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0220.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0031			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0031				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.35	J	0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-66492-43

Date Sampled: 03/11/2015 0850

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0221.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0054			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0054				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-66492-43

Date Sampled: 03/11/2015 0850

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-268615	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H0221.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/19/2015 0054		Final Weight/Volume: 20 mL
Prep Date: 03/19/2015 0054		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	97		80 - 125
4-Bromofluorobenzene (Surr)	96		78 - 120
Dibromofluoromethane (Surr)	102		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-66492-44

Date Sampled: 03/11/2015 0940

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0222.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0116			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0116				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.0		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	8.0		0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-66492-44

Date Sampled: 03/11/2015 0940

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0222.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0116			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0116				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	35		0.10	1.0
Xylenes, Total	0.19	U	0.19	1.0
1,2-Dibromoethane	0.18	U	0.18	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 127
Toluene-d8 (Surr)	95		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-66492-45

Date Sampled: 03/11/2015 1025

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0223.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0138			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0138				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	2.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	27		0.15	1.0
trans-1,2-Dichloroethene	12		0.15	1.0
1,1-Dichloroethene	0.50	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-66492-45

Date Sampled: 03/11/2015 1025

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method: 8260B	Analysis Batch: 280-268615	Instrument ID: VMS_H
Prep Method: 5030B	Prep Batch: N/A	Lab File ID: H0223.D
Dilution: 1.0		Initial Weight/Volume: 20 mL
Analysis Date: 03/19/2015 0138		Final Weight/Volume: 20 mL
Prep Date: 03/19/2015 0138		

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	98		70 - 127
Toluene-d8 (Surr)	93		80 - 125
4-Bromofluorobenzene (Surr)	91		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-66492-46

Date Sampled: 03/10/2015 0940

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0224.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0200			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0200				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	120		1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	24		2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	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	0.24	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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-66492-46
Client Matrix: Water

Date Sampled: 03/10/2015 0940
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0224.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0200			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 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	0.19	J	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
1,2,4-Trimethylbenzene	0.15	U	0.15	1.0
1,3,5-Trimethylbenzene	0.16	U	0.16	1.0
Vinyl chloride	0.81	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)	101		70 - 127
Toluene-d8 (Surr)	92		80 - 125
4-Bromofluorobenzene (Surr)	94		78 - 120
Dibromofluoromethane (Surr)	98		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-66492-47

Date Sampled: 03/10/2015 1030

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0225.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0223			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0223				

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	5.3		0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	11		0.15	1.0
trans-1,2-Dichloroethene	14		0.15	1.0
1,1-Dichloroethene	0.27	J	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-66492-47
Client Matrix: Water

Date Sampled: 03/10/2015 1030
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0225.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0223			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 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
Xylenes, Total	0.19	U	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)	92		80 - 125
4-Bromofluorobenzene (Surr)	92		78 - 120
Dibromofluoromethane (Surr)	99		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-66492-47
Client Matrix: Water

Date Sampled: 03/10/2015 1030
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0226.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/19/2015 0245	Run Type:	DL	Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0245				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Vinyl chloride	130		1.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 127
Toluene-d8 (Surr)	100		80 - 125
4-Bromofluorobenzene (Surr)	103		78 - 120
Dibromofluoromethane (Surr)	108		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-66492-48

Date Sampled: 03/10/2015 1220

Client Matrix: Water

Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0227.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0307			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0307				

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	0.35	J	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.43	J	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.22	U	0.22	1.0
n-Propylbenzene	0.16	U	0.16	1.0

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-66492-48
Client Matrix: Water

Date Sampled: 03/10/2015 1220
Date Received: 03/13/2015 0945

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	280-268615	Instrument ID:	VMS_H
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	H0227.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0307			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0307				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.21	U	0.21	1.0
1,2,4-Trichlorobenzene	0.21	U	0.21	1.0
1,1,1-Trichloroethane	0.16	U	0.16	1.0
1,1,2-Trichloroethane	0.27	U	0.27	1.0
Trichloroethene	0.16	U	0.16	1.0
Trichlorofluoromethane	0.29	U	0.29	1.0
1,2,3-Trichloropropane	0.33	U	0.33	1.0
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)	104		70 - 127
Toluene-d8 (Surr)	94		80 - 125
4-Bromofluorobenzene (Surr)	93		78 - 120
Dibromofluoromethane (Surr)	101		77 - 120

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0540

Lab Sample ID: 280-66492-1

Date Sampled: 03/09/2015 1615

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268352	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7914.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/17/2015 1654			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1654				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0551-1

Lab Sample ID: 280-66492-2

Date Sampled: 03/11/2015 1400

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268352	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7913.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1637			Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1637				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U F2	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0551-2

Lab Sample ID: 280-66492-3

Date Sampled: 03/11/2015 1426

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7947.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 0836			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 0836				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0572-1

Lab Sample ID: 280-66492-4

Date Sampled: 03/10/2015 1018

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7949.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 0932			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 0932				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.45	J	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0575-1

Lab Sample ID: 280-66492-5

Date Sampled: 03/10/2015 0906

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7950.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 0950			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 0950				

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)	110		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0575-2

Lab Sample ID: 280-66492-6

Date Sampled: 03/10/2015 0938

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7953.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1042			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 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)	111		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0576-1

Lab Sample ID: 280-66492-7

Date Sampled: 03/11/2015 1053

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7971.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2015 1555			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1555				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	36		0.44	2.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0576-3

Lab Sample ID: 280-66492-8

Date Sampled: 03/11/2015 1134

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7955.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1117			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1117				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0577-1

Lab Sample ID: 280-66492-9

Date Sampled: 03/11/2015 0845

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7956.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1134			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1134				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0577-2

Lab Sample ID: 280-66492-10

Client Matrix: Water

Date Sampled: 03/11/2015 0921

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7957.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1151			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1151				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0577-3

Lab Sample ID: 280-66492-11

Client Matrix: Water

Date Sampled: 03/11/2015 0957

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7958.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1209			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1209				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0578-1

Lab Sample ID: 280-66492-12

Client Matrix: Water

Date Sampled: 03/10/2015 1301

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7959.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1226			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1226				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0578-2

Lab Sample ID: 280-66492-13

Date Sampled: 03/10/2015 1326

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7960.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1244			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1244				

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)	107		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0578-3

Lab Sample ID: 280-66492-14

Date Sampled: 03/10/2015 1411

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7961.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1301			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1301				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0579-1

Lab Sample ID: 280-66492-15
Client Matrix: Water

Date Sampled: 03/10/2015 1455
Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7962.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1319			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1319				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0579-2

Lab Sample ID: 280-66492-16

Date Sampled: 03/10/2015 1528

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7963.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1336			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1336				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0579-3

Lab Sample ID: 280-66492-17

Date Sampled: 03/10/2015 1607

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7964.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1354			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1354				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0580-1

Lab Sample ID: 280-66492-18

Date Sampled: 03/10/2015 1500

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7965.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1411			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1411				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0580-2

Lab Sample ID: 280-66492-19

Date Sampled: 03/10/2015 1550

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7972.D
Dilution:	1.0			Initial Weight/Volume:	1 mL
Analysis Date:	03/18/2015 1613			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1613				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0580-3

Lab Sample ID: 280-66492-20

Date Sampled: 03/10/2015 1640

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7975.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/18/2015 1748			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1748				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	35		0.44	2.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0583-1

Lab Sample ID: 280-66492-21

Date Sampled: 03/10/2015 1300

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7968.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1503			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1503				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0583-2

Lab Sample ID: 280-66492-22

Date Sampled: 03/10/2015 1335

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7969.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1520			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1520				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.7		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0583-3

Lab Sample ID: 280-66492-23
Client Matrix: Water

Date Sampled: 03/10/2015 1420
Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7987.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0931			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0931				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0586-1

Lab Sample ID: 280-66492-24

Client Matrix: Water

Date Sampled: 03/12/2015 0858

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8011.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1629			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1629				

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)	75		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0586-2

Lab Sample ID: 280-66492-25

Date Sampled: 03/12/2015 0926

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8037.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/23/2015 0907			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 0907				

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)	104		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0586-3

Lab Sample ID: 280-66492-26

Client Matrix: Water

Date Sampled: 03/12/2015 1004

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8038.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/23/2015 0925			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 0925				

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)	110		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0587-1

Lab Sample ID: 280-66492-27

Date Sampled: 03/12/2015 1042

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7995.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1150			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1150				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0587-2

Lab Sample ID: 280-66492-28

Date Sampled: 03/12/2015 1054

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8041.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2015 1017			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 1017				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0587-3

Lab Sample ID: 280-66492-29

Date Sampled: 03/12/2015 1236

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8042.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2015 1034			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 1034				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.88	U	0.88	4.0
Surrogate	%Rec	Qualifier	Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	99		70 - 127	

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0588-1

Lab Sample ID: 280-66492-30

Date Sampled: 03/12/2015 0855

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8043.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	03/23/2015 1052			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 1052				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	9.8		0.88	4.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-0588-2

Lab Sample ID: 280-66492-31

Date Sampled: 03/12/2015 0920

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E7999.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1300			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1300				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	12		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-0588-3

Lab Sample ID: 280-66492-32
Client Matrix: Water

Date Sampled: 03/12/2015 0952
Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8000.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1317			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1317				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.0		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Client Sample ID: PIN12-2450

Lab Sample ID: 280-66492-34
Client Matrix: Water

Date Sampled: 03/10/2015 1200
Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8001.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1335			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1335				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	2.2		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-2454

Lab Sample ID: 280-66492-35

Date Sampled: 03/12/2015 0800

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8002.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1352			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1352				

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S68B

Lab Sample ID: 280-66492-37

Date Sampled: 03/11/2015 1530

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8003.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1410			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1410				

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)	97		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S68C

Lab Sample ID: 280-66492-38

Date Sampled: 03/11/2015 1521

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8004.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1427			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1427				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	6.9		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S68D

Lab Sample ID: 280-66492-39

Date Sampled: 03/11/2015 1606

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8005.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1445			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1445				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.3		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S69B

Lab Sample ID: 280-66492-40

Date Sampled: 03/11/2015 1105

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8006.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1502			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1502				

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)	95		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S69C

Lab Sample ID: 280-66492-41

Date Sampled: 03/11/2015 1150

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8007.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1519			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1519				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	3.3		0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S69D

Lab Sample ID: 280-66492-42

Date Sampled: 03/11/2015 1435

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8008.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1537			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1537				

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)	99		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71B

Lab Sample ID: 280-66492-43

Date Sampled: 03/11/2015 0850

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8009.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1554			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1554				

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

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71C

Lab Sample ID: 280-66492-44

Date Sampled: 03/11/2015 0940

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8010.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/19/2015 1611			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1611				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	21		0.44	2.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S71D

Lab Sample ID: 280-66492-45

Date Sampled: 03/11/2015 1025

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8046.D
Dilution:	1.0			Initial Weight/Volume:	10 mL
Analysis Date:	03/23/2015 1144			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 1144				

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)	97		70 - 127

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S73B

Lab Sample ID: 280-66492-46

Date Sampled: 03/10/2015 0940

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8036.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/23/2015 0850			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 0850				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	0.22	U F1	0.22	1.0

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S73C

Lab Sample ID: 280-66492-47

Date Sampled: 03/10/2015 1030

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8047.D
Dilution:	1.0			Initial Weight/Volume:	2 mL
Analysis Date:	03/23/2015 1202			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 1202				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	130		2.2	10

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

Analytical Data

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Client Sample ID: PIN12-S73D

Lab Sample ID: 280-66492-48

Date Sampled: 03/10/2015 1220

Client Matrix: Water

Date Received: 03/13/2015 0945

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

Analysis Method:	8260B SIM	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	E8048.D
Dilution:	1.0			Initial Weight/Volume:	20 mL
Analysis Date:	03/23/2015 1219			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 1219				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dioxane	8.6	F1 F2	0.22	1.0

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

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

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
280-66492-1	PIN12-0540	93	86	102	96
280-66492-1 DL	PIN12-0540 DL	96	92	104	90
280-66492-2	PIN12-0551-1	100	96	100	96
280-66492-3	PIN12-0551-2	96	94	89	93
280-66492-4	PIN12-0572-1	101	98	100	95
280-66492-5	PIN12-0575-1	101	99	103	93
280-66492-6	PIN12-0575-2	92	89	90	85
280-66492-7	PIN12-0576-1	105	104	104	92
280-66492-8	PIN12-0576-3	118	115	112	108
280-66492-9	PIN12-0577-1	106	104	97	95
280-66492-10	PIN12-0577-2	102	99	95	92
280-66492-11	PIN12-0577-3	101	100	97	90
280-66492-12	PIN12-0578-1	107	104	99	95
280-66492-13	PIN12-0578-2	105	103	99	93
280-66492-14	PIN12-0578-3	106	102	99	96
280-66492-15	PIN12-0579-1	102	100	96	88
280-66492-16	PIN12-0579-2	103	99	100	103
280-66492-17	PIN12-0579-3	110	108	100	103
280-66492-18	PIN12-0580-1	109	105	99	105
280-66492-19	PIN12-0580-2	105	101	100	103
280-66492-19 DL	PIN12-0580-2 DL	105	103	98	101
280-66492-20	PIN12-0580-3	109	107	100	102
280-66492-21	PIN12-0583-1	110	108	100	101
280-66492-22	PIN12-0583-2	110	107	97	104
280-66492-23	PIN12-0583-3	110	110	97	101
280-66492-24	PIN12-0586-1	110	107	98	105
280-66492-25	PIN12-0586-2	111	109	100	105
280-66492-26	PIN12-0586-3	110	109	100	104
280-66492-27	PIN12-0587-1	113	112	97	103

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

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
280-66492-28	PIN12-0587-2	104	99	99	103
280-66492-28 DL	PIN12-0587-2 DL	103	100	99	102
280-66492-29	PIN12-0587-3	110	106	98	105
280-66492-29 DL	PIN12-0587-3 DL	109	104	98	106
280-66492-30	PIN12-0588-1	112	109	100	106
280-66492-31	PIN12-0588-2	114	110	100	106
280-66492-32	PIN12-0588-3	112	109	99	105
280-66492-33	PIN99-2200	105	106	102	90
280-66492-34	PIN12-2450	97	96	95	87
280-66492-35	PIN12-2454	108	105	97	104
280-66492-35 DL	PIN12-2454 DL	107	101	97	103
280-66492-36	PIN99-2689	102	101	96	96
280-66492-37	PIN12-S68B	102	101	97	94
280-66492-38	PIN12-S68C	103	104	100	95
280-66492-39	PIN12-S68D	102	103	96	96
280-66492-40	PIN12-S69B	103	102	97	99
280-66492-41	PIN12-S69C	102	104	96	95
280-66492-42	PIN12-S69D	98	99	91	93
280-66492-43	PIN12-S71B	102	102	97	96
280-66492-44	PIN12-S71C	99	100	95	92
280-66492-45	PIN12-S71D	98	98	93	91
280-66492-46	PIN12-S73B	98	101	92	94
280-66492-47	PIN12-S73C	99	103	92	92
280-66492-47 DL	PIN12-S73C DL	108	108	100	103
280-66492-48	PIN12-S73D	101	104	94	93
MB 280-268261/5		95	90	104	92
MB 280-268478/6		101	98	98	102
MB 280-268615/6		105	104	97	95
MB 280-268639/5		120	117	120	109
LCS 280-268261/4		93	87	101	89

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
LCS 280-268478/5		103	101	97	100
LCS 280-268615/4		101	106	104	97
LCS 280-268639/4		96	93	96	86
280-66492-1 MS	PIN12-0540 MS	92	87	97	87
280-66492-16 MS	PIN12-0579-2 MS	105	101	99	101
280-66492-36 MS	PIN99-2689 MS	96	99	98	87
280-66503-E-1 MS		88	88	93	85
280-66492-1 MSD	PIN12-0540 MSD	94	90	100	88
280-66492-16 MSD	PIN12-0579-2 MSD	104	101	99	100
280-66492-36 MSD	PIN99-2689 MSD	101	103	96	98
280-66503-E-1 MSD		95	94	99	88

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-66492-1	PIN12-0540	94
280-66492-2	PIN12-0551-1	103
280-66492-3	PIN12-0551-2	100
280-66492-4	PIN12-0572-1	120
280-66492-5	PIN12-0575-1	110
280-66492-6	PIN12-0575-2	111
280-66492-7	PIN12-0576-1	105
280-66492-8	PIN12-0576-3	108
280-66492-9	PIN12-0577-1	108
280-66492-10	PIN12-0577-2	104
280-66492-11	PIN12-0577-3	105
280-66492-12	PIN12-0578-1	101
280-66492-13	PIN12-0578-2	107
280-66492-14	PIN12-0578-3	102
280-66492-15	PIN12-0579-1	104
280-66492-16	PIN12-0579-2	104
280-66492-17	PIN12-0579-3	111
280-66492-18	PIN12-0580-1	101
280-66492-19	PIN12-0580-2	98
280-66492-20	PIN12-0580-3	97
280-66492-21	PIN12-0583-1	101
280-66492-22	PIN12-0583-2	105
280-66492-23	PIN12-0583-3	97
280-66492-24	PIN12-0586-1	75
280-66492-25	PIN12-0586-2	104
280-66492-26	PIN12-0586-3	110
280-66492-27	PIN12-0587-1	99
280-66492-28	PIN12-0587-2	102
280-66492-29	PIN12-0587-3	99

Surrogate

Acceptance Limits

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

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-66492-30	PIN12-0588-1	97
280-66492-31	PIN12-0588-2	105
280-66492-32	PIN12-0588-3	102
280-66492-34	PIN12-2450	98
280-66492-35	PIN12-2454	102
280-66492-37	PIN12-S68B	97
280-66492-38	PIN12-S68C	99
280-66492-39	PIN12-S68D	99
280-66492-40	PIN12-S69B	95
280-66492-41	PIN12-S69C	99
280-66492-42	PIN12-S69D	99
280-66492-43	PIN12-S71B	95
280-66492-44	PIN12-S71C	94
280-66492-45	PIN12-S71D	97
280-66492-46	PIN12-S73B	106
280-66492-47	PIN12-S73C	101
280-66492-48	PIN12-S73D	105
MB 280-268352/4		101
MB 280-268451/6		96
MB 280-268643/8		92
MB 280-269218/8		100
LCS 280-268352/3		97
LCS 280-268451/3		107
LCS 280-268643/3		105
LCS 280-269218/7		103
280-66492-2 MS	PIN12-0551-1 MS	102
280-66492-3 MS	PIN12-0551-2 MS	103
280-66492-23 MS	PIN12-0583-3 MS	103
280-66492-48 MS	PIN12-S73D MS	111
280-66492-2 MSD	PIN12-0551-1 MSD	105

Surrogate

Acceptance Limits

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

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Surrogate Recovery Report

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

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec
280-66492-3 MSD	PIN12-0551-2 MSD	104
280-66492-23 MSD	PIN12-0583-3 MSD	104
280-66492-48 MSD	PIN12-S73D MSD	108

Surrogate

Acceptance Limits

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

70-127

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Method Blank - Batch: 280-268261

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268261/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/17/2015 1253
 Prep Date: 03/17/2015 1253
 Leach Date: N/A

Analysis Batch: 280-268261
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3852.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Method Blank - Batch: 280-268261

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268261/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/17/2015 1253
 Prep Date: 03/17/2015 1253
 Leach Date: N/A

Analysis Batch: 280-268261
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3852.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 127
Toluene-d8 (Surr)	104	80 - 125
4-Bromofluorobenzene (Surr)	92	78 - 120
Dibromofluoromethane (Surr)	95	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Control Sample - Batch: 280-268261

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-268261/4	Analysis Batch: 280-268261	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3851.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/17/2015 1219	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 03/17/2015 1219		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.36	87	65 - 135	
Bromodichloromethane	5.00	4.28	86	65 - 135	
Carbon tetrachloride	5.00	4.34	87	65 - 135	
Chlorobenzene	5.00	4.35	87	65 - 135	
Chloroform	5.00	4.25	85	65 - 135	
1,3-Dichlorobenzene	5.00	4.53	91	65 - 135	
1,1-Dichloroethane	5.00	4.61	92	65 - 135	
trans-1,2-Dichloroethene	5.00	4.58	92	65 - 135	
1,1-Dichloroethene	5.00	4.22	84	65 - 136	
1,2-Dichloropropane	5.00	4.46	89	64 - 135	
Ethylbenzene	5.00	4.35	87	65 - 135	
Methylene Chloride	5.00	4.53	91	54 - 141	
Tetrachloroethene	5.00	4.19	84	65 - 135	
Toluene	5.00	4.74	95	65 - 135	
1,1,1-Trichloroethane	5.00	4.28	86	65 - 135	
Trichloroethene	5.00	4.39	88	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		87		70 - 127	
Toluene-d8 (Surr)		101		80 - 125	
4-Bromofluorobenzene (Surr)		89		78 - 120	
Dibromofluoromethane (Surr)		93		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268261**

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

MS Lab Sample ID: 280-66492-1	Analysis Batch: 280-268261	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3854.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/17/2015 1333		Final Weight/Volume: 20 mL
Prep Date: 03/17/2015 1333		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-66492-1	Analysis Batch: 280-268261	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3855.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/17/2015 1352		Final Weight/Volume: 20 mL
Prep Date: 03/17/2015 1352		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	89	89	65 - 135	1	20		
Bromodichloromethane	84	86	65 - 135	2	20		
Carbon tetrachloride	95	94	65 - 135	2	21		
Chlorobenzene	86	86	65 - 135	0	20		
Chloroform	87	87	65 - 135	0	20		
1,3-Dichlorobenzene	89	88	65 - 135	1	20		
1,1-Dichloroethane	82	80	65 - 135	1	21		
trans-1,2-Dichloroethene	75	71	65 - 135	1	24		
1,1-Dichloroethene	89	87	65 - 136	2	20		
1,2-Dichloropropane	89	89	64 - 135	1	20		
Ethylbenzene	87	88	65 - 135	1	20		
Methylene Chloride	83	84	54 - 141	1	26		
Tetrachloroethene	86	88	65 - 135	2	20		
Toluene	95	95	65 - 135	1	20		
1,1,1-Trichloroethane	93	93	65 - 135	0	20		
Trichloroethene	92	93	65 - 135	1	20		
Surrogate		MS % Rec	MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)		87	90		70 - 127		
Toluene-d8 (Surr)		97	100		80 - 125		
4-Bromofluorobenzene (Surr)		87	88		78 - 120		
Dibromofluoromethane (Surr)		92	94		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268261**

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

MS Lab Sample ID: 280-66492-1 Units: ug/L
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/17/2015 1333
 Prep Date: 03/17/2015 1333
 Leach Date: N/A

MSD Lab Sample ID: 280-66492-1
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/17/2015 1352
 Prep Date: 03/17/2015 1352
 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	4.43	4.47
Bromodichloromethane	0.17	U	5.00	5.00	4.22	4.29
Carbon tetrachloride	0.19	U	5.00	5.00	4.77	4.68
Chlorobenzene	0.17	U	5.00	5.00	4.29	4.30
Chloroform	0.16	U	5.00	5.00	4.34	4.33
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.46	4.42
1,1-Dichloroethane	13		5.00	5.00	17.3	17.2
trans-1,2-Dichloroethene	13		5.00	5.00	17.0	16.8
1,1-Dichloroethene	0.37	J	5.00	5.00	4.82	4.72
1,2-Dichloropropane	0.18	U	5.00	5.00	4.47	4.44
Ethylbenzene	0.16	U	5.00	5.00	4.35	4.38
Methylene Chloride	0.32	U	5.00	5.00	4.16	4.19
Tetrachloroethene	0.20	U	5.00	5.00	4.32	4.38
Toluene	0.17	U	5.00	5.00	4.74	4.77
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.64	4.64
Trichloroethene	0.16	U	5.00	5.00	4.61	4.64

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Method Blank - Batch: 280-268478

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268478/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/18/2015 1223
 Prep Date: 03/18/2015 1223
 Leach Date: N/A

Analysis Batch: 280-268478
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Q
 Lab File ID: Q5647.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.9	U	1.9	10
Benzene	0.16	U	0.16	1.0
Bromobenzene	0.17	U	0.17	1.0
Bromochloromethane	0.10	U	0.10	1.0
Bromodichloromethane	0.17	U	0.17	1.0
Bromoform	0.19	U	0.19	1.0
Bromomethane	0.21	U	0.21	1.0
2-Butanone (MEK)	2.0	U	2.0	5.0
n-Butylbenzene	0.32	U	0.32	1.0
sec-Butylbenzene	0.17	U	0.17	1.0
tert-Butylbenzene	0.16	U	0.16	1.0
Carbon disulfide	0.45	U	0.45	1.0
Carbon tetrachloride	0.19	U	0.19	1.0
Chlorobenzene	0.17	U	0.17	1.0
Dibromochloromethane	0.17	U	0.17	1.0
Chloroethane	0.41	U	0.41	1.0
Chloroform	0.16	U	0.16	1.0
Chloromethane	0.30	U	0.30	1.0
2-Chlorotoluene	0.17	U	0.17	1.0
4-Chlorotoluene	0.21	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	0.47	U	0.47	1.0
Dibromomethane	0.17	U	0.17	1.0
1,2-Dichlorobenzene	0.15	U	0.15	1.0
1,3-Dichlorobenzene	0.13	U	0.13	1.0
1,4-Dichlorobenzene	0.16	U	0.16	1.0
Dichlorodifluoromethane	0.31	U	0.31	1.0
1,1-Dichloroethane	0.22	U	0.22	1.0
1,2-Dichloroethane	0.13	U	0.13	1.0
cis-1,2-Dichloroethene	0.15	U	0.15	1.0
trans-1,2-Dichloroethene	0.15	U	0.15	1.0
1,1-Dichloroethene	0.23	U	0.23	1.0
1,2-Dichloropropane	0.18	U	0.18	1.0
1,3-Dichloropropane	0.22	U	0.22	1.0
2,2-Dichloropropane	0.18	U	0.18	1.0
cis-1,3-Dichloropropene	0.16	U	0.16	1.0
trans-1,3-Dichloropropene	0.19	U	0.19	1.0
1,1-Dichloropropene	0.19	U	0.19	1.0
Ethylbenzene	0.16	U	0.16	1.0
Hexachlorobutadiene	0.36	U	0.36	1.0
2-Hexanone	1.7	U	1.7	5.0
Isopropylbenzene	0.19	U	0.19	1.0
4-Isopropyltoluene	0.20	U	0.20	1.0
Methylene Chloride	0.32	U	0.32	1.0
4-Methyl-2-pentanone	0.98	U	0.98	5.0
Naphthalene	0.463	J	0.22	1.0

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Method Blank - Batch: 280-268478

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268478/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/18/2015 1223
 Prep Date: 03/18/2015 1223
 Leach Date: N/A

Analysis Batch: 280-268478
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_Q
 Lab File ID: Q5647.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

Analyte	Result	Qual	MDL	RL
n-Propylbenzene	0.16	U	0.16	1.0
Styrene	0.17	U	0.17	1.0
1,1,1,2-Tetrachloroethane	0.21	U	0.21	1.0
1,1,2,2-Tetrachloroethane	0.21	U	0.21	1.0
Tetrachloroethene	0.20	U	0.20	1.0
Toluene	0.17	U	0.17	1.0
1,2,3-Trichlorobenzene	0.259	J	0.21	1.0
1,2,4-Trichlorobenzene	0.212	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)	98	70 - 127
Toluene-d8 (Surr)	98	80 - 125
4-Bromofluorobenzene (Surr)	102	78 - 120
Dibromofluoromethane (Surr)	101	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Control Sample - Batch: 280-268478

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-268478/5	Analysis Batch: 280-268478	Instrument ID: VMS_Q
Client Matrix: Water	Prep Batch: N/A	Lab File ID: Q5646.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/18/2015 1154	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 03/18/2015 1154		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.87	97	65 - 135	
Bromodichloromethane	5.00	4.49	90	65 - 135	
Carbon tetrachloride	5.00	4.49	90	65 - 135	
Chlorobenzene	5.00	4.57	91	65 - 135	
Chloroform	5.00	4.66	93	65 - 135	
1,3-Dichlorobenzene	5.00	4.26	85	65 - 135	
1,1-Dichloroethane	5.00	4.76	95	65 - 135	
trans-1,2-Dichloroethene	5.00	4.61	92	65 - 135	
1,1-Dichloroethene	5.00	3.96	79	65 - 136	
1,2-Dichloropropane	5.00	4.82	96	64 - 135	
Ethylbenzene	5.00	4.57	91	65 - 135	
Methylene Chloride	5.00	4.51	90	54 - 141	
Tetrachloroethene	5.00	4.37	87	65 - 135	
Toluene	5.00	4.61	92	65 - 135	
1,1,1-Trichloroethane	5.00	4.62	92	65 - 135	
Trichloroethene	5.00	4.74	95	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		101		70 - 127	
Toluene-d8 (Surr)		97		80 - 125	
4-Bromofluorobenzene (Surr)		100		78 - 120	
Dibromofluoromethane (Surr)		103		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268478**

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

MS Lab Sample ID: 280-66492-16	Analysis Batch: 280-268478	Instrument ID: VMS_Q
Client Matrix: Water	Prep Batch: N/A	Lab File ID: Q5651.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/18/2015 1345		Final Weight/Volume: 20 mL
Prep Date: 03/18/2015 1345		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-66492-16	Analysis Batch: 280-268478	Instrument ID: VMS_Q
Client Matrix: Water	Prep Batch: N/A	Lab File ID: Q5652.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/18/2015 1405		Final Weight/Volume: 20 mL
Prep Date: 03/18/2015 1405		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	92	98	65 - 135	7	20		
Bromodichloromethane	83	90	65 - 135	7	20		
Carbon tetrachloride	93	100	65 - 135	8	21		
Chlorobenzene	87	93	65 - 135	7	20		
Chloroform	87	93	65 - 135	6	20		
1,3-Dichlorobenzene	80	85	65 - 135	6	20		
1,1-Dichloroethane	92	97	65 - 135	6	21		
trans-1,2-Dichloroethene	89	97	65 - 135	8	24		
1,1-Dichloroethene	77	84	65 - 136	8	20		
1,2-Dichloropropane	90	97	64 - 135	7	20		
Ethylbenzene	87	94	65 - 135	7	20		
Methylene Chloride	95	117	54 - 141	17	26		
Tetrachloroethene	86	91	65 - 135	5	20		
Toluene	89	94	65 - 135	6	20		
1,1,1-Trichloroethane	91	98	65 - 135	7	20		
Trichloroethene	90	96	65 - 135	6	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		101	101			70 - 127	
Toluene-d8 (Surr)		99	99			80 - 125	
4-Bromofluorobenzene (Surr)		101	100			78 - 120	
Dibromofluoromethane (Surr)		105	104			77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268478**

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

MS Lab Sample ID: 280-66492-16 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2015 1345
Prep Date: 03/18/2015 1345
Leach Date: N/A

MSD Lab Sample ID: 280-66492-16
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2015 1405
Prep Date: 03/18/2015 1405
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.58	4.89
Bromodichloromethane	0.17	U	5.00	5.00	4.17	4.48
Carbon tetrachloride	0.19	U	5.00	5.00	4.63	5.01
Chlorobenzene	0.17	U	5.00	5.00	4.34	4.65
Chloroform	0.16	U	5.00	5.00	4.35	4.63
1,3-Dichlorobenzene	0.13	U	5.00	5.00	3.98	4.23
1,1-Dichloroethane	0.22	U	5.00	5.00	4.58	4.87
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.47	4.86
1,1-Dichloroethene	0.23	U	5.00	5.00	3.86	4.20
1,2-Dichloropropane	0.18	U	5.00	5.00	4.51	4.86
Ethylbenzene	0.16	U	5.00	5.00	4.37	4.68
Methylene Chloride	1.1		5.00	5.00	5.82	6.92
Tetrachloroethene	0.20	U	5.00	5.00	4.30	4.53
Toluene	0.17	U	5.00	5.00	4.44	4.72
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.57	4.90
Trichloroethene	0.16	U	5.00	5.00	4.49	4.78

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Method Blank - Batch: 280-268615

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268615/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/18/2015 2048
 Prep Date: 03/18/2015 2048
 Leach Date: N/A

Analysis Batch: 280-268615
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_H
 Lab File ID: H0210.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Method Blank - Batch: 280-268615

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268615/6
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/18/2015 2048
 Prep Date: 03/18/2015 2048
 Leach Date: N/A

Analysis Batch: 280-268615
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_H
 Lab File ID: H0210.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	70 - 127
Toluene-d8 (Surr)	97	80 - 125
4-Bromofluorobenzene (Surr)	95	78 - 120
Dibromofluoromethane (Surr)	105	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Control Sample - Batch: 280-268615

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-268615/4	Analysis Batch: 280-268615	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H0208.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/18/2015 2003	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 03/18/2015 2003		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	5.29	106	65 - 135	
Bromodichloromethane	5.00	5.64	113	65 - 135	
Carbon tetrachloride	5.00	6.13	123	65 - 135	
Chlorobenzene	5.00	5.17	103	65 - 135	
Chloroform	5.00	5.71	114	65 - 135	
1,3-Dichlorobenzene	5.00	5.19	104	65 - 135	
1,1-Dichloroethane	5.00	5.51	110	65 - 135	
trans-1,2-Dichloroethene	5.00	5.52	110	65 - 135	
1,1-Dichloroethene	5.00	5.52	110	65 - 136	
1,2-Dichloropropane	5.00	5.29	106	64 - 135	
Ethylbenzene	5.00	5.38	108	65 - 135	
Methylene Chloride	5.00	5.58	112	54 - 141	
Tetrachloroethene	5.00	5.76	115	65 - 135	
Toluene	5.00	5.40	108	65 - 135	
1,1,1-Trichloroethane	5.00	6.13	123	65 - 135	
Trichloroethene	5.00	5.76	115	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		106		70 - 127	
Toluene-d8 (Surr)		104		80 - 125	
4-Bromofluorobenzene (Surr)		97		78 - 120	
Dibromofluoromethane (Surr)		101		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268615**

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

MS Lab Sample ID: 280-66492-36	Analysis Batch: 280-268615	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H0212.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/18/2015 2132		Final Weight/Volume: 20 mL
Prep Date: 03/18/2015 2132		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-66492-36	Analysis Batch: 280-268615	Instrument ID: VMS_H
Client Matrix: Water	Prep Batch: N/A	Lab File ID: H0213.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/18/2015 2155		Final Weight/Volume: 20 mL
Prep Date: 03/18/2015 2155		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	108	104	65 - 135	3	20		
Bromodichloromethane	112	110	65 - 135	2	20		
Carbon tetrachloride	120	120	65 - 135	0	21		
Chlorobenzene	105	105	65 - 135	1	20		
Chloroform	113	111	65 - 135	2	20		
1,3-Dichlorobenzene	100	102	65 - 135	2	20		
1,1-Dichloroethane	110	108	65 - 135	1	21		
trans-1,2-Dichloroethene	109	106	65 - 135	3	24		
1,1-Dichloroethene	106	105	65 - 136	1	20		
1,2-Dichloropropane	103	100	64 - 135	4	20		
Ethylbenzene	105	104	65 - 135	0	20		
Methylene Chloride	101	93	54 - 141	8	26		
Tetrachloroethene	113	112	65 - 135	1	20		
Toluene	106	86	65 - 135	21	20		F2
1,1,1-Trichloroethane	122	119	65 - 135	3	20		
Trichloroethene	113	111	65 - 135	2	20		
<hr/>							
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	99		103	70 - 127			
Toluene-d8 (Surr)	98		96	80 - 125			
4-Bromofluorobenzene (Surr)	87		98	78 - 120			
Dibromofluoromethane (Surr)	96		101	77 - 120			

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268615**

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

MS Lab Sample ID: 280-66492-36 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2015 2132
Prep Date: 03/18/2015 2132
Leach Date: N/A

MSD Lab Sample ID: 280-66492-36
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/18/2015 2155
Prep Date: 03/18/2015 2155
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	5.39	5.22	
Bromodichloromethane	0.17	U	5.00	5.00	5.60	5.50	
Carbon tetrachloride	0.19	U	5.00	5.00	6.00	6.00	
Chlorobenzene	0.17	U	5.00	5.00	5.27	5.24	
Chloroform	0.16	J	5.00	5.00	5.83	5.72	
1,3-Dichlorobenzene	0.13	U	5.00	5.00	5.02	5.10	
1,1-Dichloroethane	0.22	U	5.00	5.00	5.48	5.42	
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	5.47	5.30	
1,1-Dichloroethene	0.23	U	5.00	5.00	5.30	5.24	
1,2-Dichloropropane	0.18	U	5.00	5.00	5.17	4.98	
Ethylbenzene	0.16	U	5.00	5.00	5.24	5.22	
Methylene Chloride	0.32	U	5.00	5.00	5.07	4.67	
Tetrachloroethene	0.20	U	5.00	5.00	5.64	5.59	
Toluene	0.17	U	5.00	5.00	5.30	4.30	F2
1,1,1-Trichloroethane	0.16	U	5.00	5.00	6.10	5.93	
Trichloroethene	0.16	U	5.00	5.00	5.64	5.54	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Method Blank - Batch: 280-268639

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268639/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/19/2015 0930
 Prep Date: 03/19/2015 0930
 Leach Date: N/A

Analysis Batch: 280-268639
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3950.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Method Blank - Batch: 280-268639

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 280-268639/5
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 03/19/2015 0930
 Prep Date: 03/19/2015 0930
 Leach Date: N/A

Analysis Batch: 280-268639
 Prep Batch: N/A
 Leach Batch: N/A
 Units: ug/L

Instrument ID: VMS_R1
 Lab File ID: R3950.D
 Initial Weight/Volume: 20 mL
 Final Weight/Volume: 20 mL

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

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117	70 - 127
Toluene-d8 (Surr)	120	80 - 125
4-Bromofluorobenzene (Surr)	109	78 - 120
Dibromofluoromethane (Surr)	120	77 - 120

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

Lab Control Sample - Batch: 280-268639

Method: 8260B

Preparation: 5030B

Lab Sample ID: LCS 280-268639/4	Analysis Batch: 280-268639	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3949.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/19/2015 0902	Units: ug/L	Final Weight/Volume: 20 mL
Prep Date: 03/19/2015 0902		
Leach Date: N/A		

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	5.00	4.10	82	65 - 135	
Bromodichloromethane	5.00	3.94	79	65 - 135	
Carbon tetrachloride	5.00	4.57	91	65 - 135	
Chlorobenzene	5.00	4.05	81	65 - 135	
Chloroform	5.00	4.20	84	65 - 135	
1,3-Dichlorobenzene	5.00	4.13	83	65 - 135	
1,1-Dichloroethane	5.00	4.23	85	65 - 135	
trans-1,2-Dichloroethene	5.00	4.37	87	65 - 135	
1,1-Dichloroethene	5.00	4.03	81	65 - 136	
1,2-Dichloropropane	5.00	4.00	80	64 - 135	
Ethylbenzene	5.00	4.07	81	65 - 135	
Methylene Chloride	5.00	4.35	87	54 - 141	
Tetrachloroethene	5.00	4.19	84	65 - 135	
Toluene	5.00	4.39	88	65 - 135	
1,1,1-Trichloroethane	5.00	4.46	89	65 - 135	
Trichloroethene	5.00	4.26	85	65 - 135	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		93		70 - 127	
Toluene-d8 (Surr)		96		80 - 125	
4-Bromofluorobenzene (Surr)		86		78 - 120	
Dibromofluoromethane (Surr)		96		77 - 120	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268639**

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

MS Lab Sample ID: 280-66503-E-1 MS	Analysis Batch: 280-268639	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3954.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/19/2015 1049		Final Weight/Volume: 20 mL
Prep Date: 03/19/2015 1049		20 mL
Leach Date: N/A		

MSD Lab Sample ID: 280-66503-E-1 MSD	Analysis Batch: 280-268639	Instrument ID: VMS_R1
Client Matrix: Water	Prep Batch: N/A	Lab File ID: R3955.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/19/2015 1109		Final Weight/Volume: 20 mL
Prep Date: 03/19/2015 1109		20 mL
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	88	83	65 - 135	6	20		
Bromodichloromethane	85	81	65 - 135	4	20		
Carbon tetrachloride	100	90	65 - 135	11	21		
Chlorobenzene	86	82	65 - 135	5	20		
Chloroform	88	83	65 - 135	6	20		
1,3-Dichlorobenzene	90	84	65 - 135	6	20		
1,1-Dichloroethane	90	83	65 - 135	8	21		
trans-1,2-Dichloroethene	93	85	65 - 135	9	24		
1,1-Dichloroethene	86	79	65 - 136	8	20		
1,2-Dichloropropane	88	83	64 - 135	5	20		
Ethylbenzene	89	82	65 - 135	8	20		
Methylene Chloride	78	75	54 - 141	4	26		
Tetrachloroethene	92	85	65 - 135	8	20		
Toluene	101	90	65 - 135	11	20		
1,1,1-Trichloroethane	97	86	65 - 135	11	20		
Trichloroethene	93	87	65 - 135	6	20		
Surrogate		MS % Rec	MSD % Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)		88	94		70 - 127		
Toluene-d8 (Surr)		93	99		80 - 125		
4-Bromofluorobenzene (Surr)		85	88		78 - 120		
Dibromofluoromethane (Surr)		88	95		77 - 120		

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268639**

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

MS Lab Sample ID: 280-66503-E-1 MS Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2015 1049
Prep Date: 03/19/2015 1049
Leach Date: N/A

MSD Lab Sample ID: 280-66503-E-1 MSD
Client Matrix: Water
Dilution: 1.0
Analysis Date: 03/19/2015 1109
Prep Date: 03/19/2015 1109
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzene	0.16	U	5.00	5.00	4.40	4.16
Bromodichloromethane	0.17	U	5.00	5.00	4.24	4.06
Carbon tetrachloride	0.19	U	5.00	5.00	4.99	4.48
Chlorobenzene	0.17	U	5.00	5.00	4.32	4.12
Chloroform	0.16	U	5.00	5.00	4.38	4.13
1,3-Dichlorobenzene	0.13	U	5.00	5.00	4.48	4.22
1,1-Dichloroethane	0.22	U	5.00	5.00	4.51	4.17
trans-1,2-Dichloroethene	0.15	U	5.00	5.00	4.64	4.23
1,1-Dichloroethene	0.23	U	5.00	5.00	4.28	3.94
1,2-Dichloropropane	0.18	U	5.00	5.00	4.39	4.16
Ethylbenzene	0.16	U	5.00	5.00	4.47	4.11
Methylene Chloride	0.32	U	5.00	5.00	3.89	3.75
Tetrachloroethene	0.20	U	5.00	5.00	4.59	4.23
Toluene	0.17	U	5.00	5.00	5.03	4.51
1,1,1-Trichloroethane	0.16	U	5.00	5.00	4.83	4.32
Trichloroethene	0.16	U	5.00	5.00	4.63	4.34

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Method Blank - Batch: 280-268352

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

Lab Sample ID:	MB 280-268352/4	Analysis Batch:	280-268352	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7912.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1620	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1620				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	101		70 - 127	

Lab Control Sample - Batch: 280-268352

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

Lab Sample ID:	LCS 280-268352/3	Analysis Batch:	280-268352	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7911.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/17/2015 1602	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/17/2015 1602				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.50	110	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		97		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268352**

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

MS Lab Sample ID: 280-66492-2	Analysis Batch: 280-268352	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E7915.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/17/2015 1712		Final Weight/Volume: 20 mL
Prep Date: 03/17/2015 1712		20 mL/100g
Leach Date: N/A		

MSD Lab Sample ID: 280-66492-2	Analysis Batch: 280-268352	Instrument ID: VMS_E
Client Matrix: Water	Prep Batch: N/A	Lab File ID: E7916.D
Dilution: 1.0	Leach Batch: N/A	Initial Weight/Volume: 20 mL
Analysis Date: 03/17/2015 1729		Final Weight/Volume: 20 mL
Prep Date: 03/17/2015 1729		20 mL/100g
Leach Date: N/A		

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	96	120	25 - 141	23	20		F2
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	102		105	70 - 127			

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268352**

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

MS Lab Sample ID: 280-66492-2	Units: ug/L	MSD Lab Sample ID: 280-66492-2
Client Matrix: Water		Client Matrix: Water
Dilution: 1.0		Dilution: 1.0
Analysis Date: 03/17/2015 1712		Analysis Date: 03/17/2015 1729
Prep Date: 03/17/2015 1712		Prep Date: 03/17/2015 1729
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	4.79	6.02 F2

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Method Blank - Batch: 280-268451

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

Lab Sample ID:	MB 280-268451/6	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7948.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 0854	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 0854				
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 - Batch: 280-268451

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

Lab Sample ID:	LCS 280-268451/3	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7945.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 0757	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 0757				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	5.37	107	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		107		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268451**

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

MS Lab Sample ID:	280-66492-3	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7951.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1007			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1007				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-66492-3	Analysis Batch:	280-268451	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7952.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/18/2015 1024			Final Weight/Volume:	20 mL
Prep Date:	03/18/2015 1024				20 mL/100g
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	120	108	25 - 141	11	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		103	104			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268451**

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

MS Lab Sample ID:	280-66492-3	Units:	ug/L	MSD Lab Sample ID:	280-66492-3
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/18/2015 1007			Analysis Date:	03/18/2015 1024
Prep Date:	03/18/2015 1007			Prep Date:	03/18/2015 1024
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	6.01	5.38

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Method Blank - Batch: 280-268643

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

Lab Sample ID:	MB 280-268643/8	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7994.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1133	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1133				
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 - Batch: 280-268643

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

Lab Sample ID:	LCS 280-268643/3	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7985.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 0856	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 0856				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	6.26	125	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		105		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268643**

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

MS Lab Sample ID:	280-66492-23	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7991.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1040			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1040				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-66492-23	Analysis Batch:	280-268643	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E7992.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/19/2015 1058			Final Weight/Volume:	20 mL
Prep Date:	03/19/2015 1058				20 mL/100g
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	73	89	25 - 141	20	20		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		103	104			70 - 127	

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-268643**

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

MS Lab Sample ID:	280-66492-23	Units:	ug/L	MSD Lab Sample ID:	280-66492-23
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/19/2015 1040			Analysis Date:	03/19/2015 1058
Prep Date:	03/19/2015 1040			Prep Date:	03/19/2015 1058
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,4-Dioxane	0.22 U	5.00	5.00	3.64	4.46

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

Method Blank - Batch: 280-269218

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

Lab Sample ID:	MB 280-269218/8	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E8035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/23/2015 0832	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 0832				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,4-Dioxane	0.22	U	0.22	1.0
Surrogate	% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)	100		70 - 127	

Lab Control Sample - Batch: 280-269218

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

Lab Sample ID:	LCS 280-269218/7	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E8034.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/23/2015 0815	Units:	ug/L	Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 0815				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,4-Dioxane	5.00	4.96	99	25 - 141	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		103		70 - 127	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1
Sdg Number: 15026796

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-269218**

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

MS Lab Sample ID:	280-66492-48	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E8052.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/23/2015 1329			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 1329				20 mL/100g
Leach Date:	N/A				

MSD Lab Sample ID:	280-66492-48	Analysis Batch:	280-269218	Instrument ID:	VMS_E
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	E8053.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	20 mL
Analysis Date:	03/23/2015 1346			Final Weight/Volume:	20 mL
Prep Date:	03/23/2015 1346				20 mL/100g
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,4-Dioxane	146	46	25 - 141	37	20	F1	F2
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	111		108	70 - 127			

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-269218**

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

MS Lab Sample ID:	280-66492-48	Units:	ug/L	MSD Lab Sample ID:	280-66492-48
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/23/2015 1329			Analysis Date:	03/23/2015 1346
Prep Date:	03/23/2015 1329			Prep Date:	03/23/2015 1346
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	8.6	5.00	5.00	15.9 F1	10.9 F2

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-268261					
LCS 280-268261/4	Lab Control Sample	T	Water	8260B	
MB 280-268261/5	Method Blank	T	Water	8260B	
280-66492-1	PIN12-0540	T	Water	8260B	
280-66492-1DL	PIN12-0540	T	Water	8260B	
280-66492-1MS	Matrix Spike	T	Water	8260B	
280-66492-1MSD	Matrix Spike Duplicate	T	Water	8260B	
280-66492-2	PIN12-0551-1	T	Water	8260B	
280-66492-3	PIN12-0551-2	T	Water	8260B	
280-66492-4	PIN12-0572-1	T	Water	8260B	
280-66492-5	PIN12-0575-1	T	Water	8260B	
280-66492-6	PIN12-0575-2	T	Water	8260B	
280-66492-7	PIN12-0576-1	T	Water	8260B	
280-66492-8	PIN12-0576-3	T	Water	8260B	
280-66492-9	PIN12-0577-1	T	Water	8260B	
280-66492-10	PIN12-0577-2	T	Water	8260B	
280-66492-11	PIN12-0577-3	T	Water	8260B	
280-66492-12	PIN12-0578-1	T	Water	8260B	
280-66492-13	PIN12-0578-2	T	Water	8260B	
280-66492-14	PIN12-0578-3	T	Water	8260B	
280-66492-15	PIN12-0579-1	T	Water	8260B	
Analysis Batch:280-268352					
LCS 280-268352/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-268352/4	Method Blank	T	Water	8260B SIM	
280-66492-1	PIN12-0540	T	Water	8260B SIM	
280-66492-2	PIN12-0551-1	T	Water	8260B SIM	
280-66492-2MS	Matrix Spike	T	Water	8260B SIM	
280-66492-2MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
GC/MS VOA					
Analysis Batch:280-268451					
LCS 280-268451/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-268451/6	Method Blank	T	Water	8260B SIM	
280-66492-3	PIN12-0551-2	T	Water	8260B SIM	
280-66492-3MS	Matrix Spike	T	Water	8260B SIM	
280-66492-3MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-66492-4	PIN12-0572-1	T	Water	8260B SIM	
280-66492-5	PIN12-0575-1	T	Water	8260B SIM	
280-66492-6	PIN12-0575-2	T	Water	8260B SIM	
280-66492-7	PIN12-0576-1	T	Water	8260B SIM	
280-66492-8	PIN12-0576-3	T	Water	8260B SIM	
280-66492-9	PIN12-0577-1	T	Water	8260B SIM	
280-66492-10	PIN12-0577-2	T	Water	8260B SIM	
280-66492-11	PIN12-0577-3	T	Water	8260B SIM	
280-66492-12	PIN12-0578-1	T	Water	8260B SIM	
280-66492-13	PIN12-0578-2	T	Water	8260B SIM	
280-66492-14	PIN12-0578-3	T	Water	8260B SIM	
280-66492-15	PIN12-0579-1	T	Water	8260B SIM	
280-66492-16	PIN12-0579-2	T	Water	8260B SIM	
280-66492-17	PIN12-0579-3	T	Water	8260B SIM	
280-66492-18	PIN12-0580-1	T	Water	8260B SIM	
280-66492-19	PIN12-0580-2	T	Water	8260B SIM	
280-66492-20	PIN12-0580-3	T	Water	8260B SIM	
280-66492-21	PIN12-0583-1	T	Water	8260B SIM	
280-66492-22	PIN12-0583-2	T	Water	8260B SIM	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-268478					
LCS 280-268478/5	Lab Control Sample	T	Water	8260B	
MB 280-268478/6	Method Blank	T	Water	8260B	
280-66492-16	PIN12-0579-2	T	Water	8260B	
280-66492-16MS	Matrix Spike	T	Water	8260B	
280-66492-16MSD	Matrix Spike Duplicate	T	Water	8260B	
280-66492-17	PIN12-0579-3	T	Water	8260B	
280-66492-18	PIN12-0580-1	T	Water	8260B	
280-66492-19	PIN12-0580-2	T	Water	8260B	
280-66492-19DL	PIN12-0580-2	T	Water	8260B	
280-66492-20	PIN12-0580-3	T	Water	8260B	
280-66492-21	PIN12-0583-1	T	Water	8260B	
280-66492-22	PIN12-0583-2	T	Water	8260B	
280-66492-23	PIN12-0583-3	T	Water	8260B	
280-66492-24	PIN12-0586-1	T	Water	8260B	
280-66492-25	PIN12-0586-2	T	Water	8260B	
280-66492-26	PIN12-0586-3	T	Water	8260B	
280-66492-27	PIN12-0587-1	T	Water	8260B	
280-66492-28	PIN12-0587-2	T	Water	8260B	
280-66492-28DL	PIN12-0587-2	T	Water	8260B	
280-66492-29	PIN12-0587-3	T	Water	8260B	
280-66492-29DL	PIN12-0587-3	T	Water	8260B	
280-66492-30	PIN12-0588-1	T	Water	8260B	
280-66492-31	PIN12-0588-2	T	Water	8260B	
280-66492-32	PIN12-0588-3	T	Water	8260B	
280-66492-35	PIN12-2454	T	Water	8260B	
280-66492-35DL	PIN12-2454	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-268615					
LCS 280-268615/4	Lab Control Sample	T	Water	8260B	
MB 280-268615/6	Method Blank	T	Water	8260B	
280-66492-36	PIN99-2689	T	Water	8260B	
280-66492-36MS	Matrix Spike	T	Water	8260B	
280-66492-36MSD	Matrix Spike Duplicate	T	Water	8260B	
280-66492-37	PIN12-S68B	T	Water	8260B	
280-66492-38	PIN12-S68C	T	Water	8260B	
280-66492-39	PIN12-S68D	T	Water	8260B	
280-66492-40	PIN12-S69B	T	Water	8260B	
280-66492-41	PIN12-S69C	T	Water	8260B	
280-66492-42	PIN12-S69D	T	Water	8260B	
280-66492-43	PIN12-S71B	T	Water	8260B	
280-66492-44	PIN12-S71C	T	Water	8260B	
280-66492-45	PIN12-S71D	T	Water	8260B	
280-66492-46	PIN12-S73B	T	Water	8260B	
280-66492-47	PIN12-S73C	T	Water	8260B	
280-66492-47DL	PIN12-S73C	T	Water	8260B	
280-66492-48	PIN12-S73D	T	Water	8260B	
Analysis Batch:280-268639					
LCS 280-268639/4	Lab Control Sample	T	Water	8260B	
MB 280-268639/5	Method Blank	T	Water	8260B	
280-66492-33	PIN99-2200	T	Water	8260B	
280-66492-34	PIN12-2450	T	Water	8260B	
280-66503-E-1 MS	Matrix Spike	T	Water	8260B	
280-66503-E-1 MSD	Matrix Spike Duplicate	T	Water	8260B	

Quality Control Results

Client: S.M. Stoller Corporation

Job Number: 280-66492-1

Sdg Number: 15026796

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:280-268643					
LCS 280-268643/3	Lab Control Sample	T	Water	8260B SIM	
MB 280-268643/8	Method Blank	T	Water	8260B SIM	
280-66492-23	PIN12-0583-3	T	Water	8260B SIM	
280-66492-23MS	Matrix Spike	T	Water	8260B SIM	
280-66492-23MSD	Matrix Spike Duplicate	T	Water	8260B SIM	
280-66492-24	PIN12-0586-1	T	Water	8260B SIM	
280-66492-27	PIN12-0587-1	T	Water	8260B SIM	
280-66492-31	PIN12-0588-2	T	Water	8260B SIM	
280-66492-32	PIN12-0588-3	T	Water	8260B SIM	
280-66492-34	PIN12-2450	T	Water	8260B SIM	
280-66492-35	PIN12-2454	T	Water	8260B SIM	
280-66492-37	PIN12-S68B	T	Water	8260B SIM	
280-66492-38	PIN12-S68C	T	Water	8260B SIM	
280-66492-39	PIN12-S68D	T	Water	8260B SIM	
280-66492-40	PIN12-S69B	T	Water	8260B SIM	
280-66492-41	PIN12-S69C	T	Water	8260B SIM	
280-66492-42	PIN12-S69D	T	Water	8260B SIM	
280-66492-43	PIN12-S71B	T	Water	8260B SIM	
280-66492-44	PIN12-S71C	T	Water	8260B SIM	
Analysis Batch:280-269218					
LCS 280-269218/7	Lab Control Sample	T	Water	8260B SIM	
MB 280-269218/8	Method Blank	T	Water	8260B SIM	
280-66492-25	PIN12-0586-2	T	Water	8260B SIM	
280-66492-26	PIN12-0586-3	T	Water	8260B SIM	
280-66492-28	PIN12-0587-2	T	Water	8260B SIM	
280-66492-29	PIN12-0587-3	T	Water	8260B SIM	
280-66492-30	PIN12-0588-1	T	Water	8260B SIM	
280-66492-45	PIN12-S71D	T	Water	8260B SIM	
280-66492-46	PIN12-S73B	T	Water	8260B SIM	
280-66492-47	PIN12-S73C	T	Water	8260B SIM	
280-66492-48	PIN12-S73D	T	Water	8260B SIM	
280-66492-48MS	Matrix Spike	T	Water	8260B SIM	
280-66492-48MSD	Matrix Spike Duplicate	T	Water	8260B SIM	

Report Basis

T = Total