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April 15, 2008

Mr. Kenneth Bardo - LU-9J
U.S. EPA Region V
Corrective Action Section
Enforcement Compliance Branch
77 West Jackson Boulevard
Chicago, IL 60604-3507

Re: Plume Stability Monitoring Program
4th Quarter 2007 Data Report
Solutia Inc., W. G. Krummrich Plant, Sauget, IL

Dear Mr. Bardo:

Enclosed please find the Plume Stability Monitoring Program 4th Quarter 2007 Data Report for Solutia Inc.'s W. G. Krummrich Plant, Sauget, IL.

If you have any questions or comments regarding this report, please contact me at (314) 674-3312 or gmrina@solutia.com

Sincerely,

Gerald M. Rinaldi
Manager, Remediation Services

Enclosure

cc: Distribution List

DISTRIBUTION LIST

Plume Stability Monitoring Program
4th Quarter 2007 Data Report
Solutia Inc., W. G. Krummrich Plant, Sauget, IL

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4TH QUARTER 2007
DATA REPORT

PLUME STABILITY MONITORING PROGRAM

SOLUTIA INC.
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

Prepared for

Solutia Inc.
575 Maryville Centre Dr
St. Louis, Missouri 63141

April 2008

URS Corporation
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Project # 21561814.00004

1.0 INTRODUCTION 1
2.0 FIELD PROCEDURES 2
3.0 LABORATORY PROCEDURES 3
4.0 QUALITY ASSURANCE 4
5.0 OBSERVATIONS 5
6.0 REFERENCES 9

List of Figures

Figure 1 Site Location Map
Figure 2 Plume Stability Monitoring Program Well Locations
Figure 3 Potentiometric Surface Map
Figure 4 4Q07 Benzene Isoconcentrations
Figure 5 4Q07 Chlorobenzene Isoconcentrations
Figure 6 4Q07 Total Dichlorobenzenes Isoconcentrations
Figure 7 4Q07 Phenol Isoconcentrations
Figure 8 4Q07 2-Chlorophenol Isoconcentrations
Figure 9 4Q07 p-Chloroaniline Isoconcentrations
Figure 10 4Q07 Total PCBs Isoconcentrations
Figure 11 1Q07 – 4Q07 Benzene & Total Chlorobenzenes Results
Figure 12 4Q07 Monitored Natural Attenuation Results

List of Tables

Table 1 Monitoring Well Gauging Information
Table 2 Groundwater Analytical Detections
Table 3 Monitored Natural Attenuation Results Summary

List of Appendices

Appendix A Groundwater Purging and Sampling Forms
Appendix B Chains-of-Custody
Appendix C Quality Assurance Report
Appendix D Groundwater Analytical Results

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1.0 INTRODUCTION

Solutia Inc. (Solutia) is conducting groundwater monitoring activities as outlined in the Plume Stability Monitoring Plan (PSMP) (Solutia, 2005). This report presents the results of the 4th Quarter 2007 (4Q07) sampling event as part of the "baseline" monitoring period which began in the 1st quarter of 2006. The site location map is presented in **Figure 1**.

As described in the PSMP, the monitoring wells are screened at depths which represent the highest concentration of target constituents (e.g., monochlorobenzene (MCB) and dichlorobenzenes (DCB)) in groundwater, based on information available when the PSMP was prepared. Most of the wells are screened in the Deep Hydrogeologic Unit (DHU); a few are screened in the Shallow Hydrogeologic Unit (SHU) or Middle Hydrogeologic Unit (MHU). Specific information with respect to screen placement is provided in the Well Completion Report (Solutia, 2006A) and screen depths are given in **Table 1**. Plume stability monitoring well locations are summarized below and shown in **Figure 2.**

Monitoring Well	Hydrogeologic Unit	Monitoring Well Location	Property Owner
PSMW01	MHU	Northern Plume Boundary	Solutia
PSMW02	DHU	Former PCB Manufacturing Area	Solutia
PSMW03	DHU	Former Chlorobenzene Process Area	Solutia
PSMW04	DHU	North Tank Farm	Solutia
PSMW05	SHU	Former Chlorobenzene Storage Area	Solutia
PSMW06	DHU	Northern Plume Boundary	Magna Trust
PSMW07	DHU	Chlorobenzene Process Area Migration Pathway	Center Ethanol
PSMW08	DHU	Chlorobenzene Storage Area Migration Pathway	Center Ethanol
PSMW09	DHU	Southern Plume Boundary	Village of Sauget
PSMW10	DHU	Northern Plume Boundary	Slay Terminals
PSMW11	DHU	Chlorobenzene Process Area Migration Pathway	Slay Terminals
PSMW12	DHU	Chlorobenzene Storage Area Migration Pathway	Village of Sauget
PSMW13	DHU	Southern Plume Boundary	Village of Sauget
PSMW14 M	MHU	Northern Plume Boundary	Slay Terminals
PSMW14 D	DHU	Northern Plume Boundary	Slay Terminals
PSMW15 M(R)*	MHU	Chlorobenzene Process Area Migration Pathway	Slay Terminals
PSMW15 D(R)*	DHU	Chlorobenzene Process Area Migration Pathway	Slay Terminals
PSMW16 M	MHU	Chlorobenzene Storage Area Migration Pathway	Slay Terminals
PSMW16 D	DHU	Chlorobenzene Storage Area Migration Pathway	Slay Terminals
PSMW17**	DHU	Southern Plume Boundary	Solutia

Notes: * PSMW15M(R) and PSMW15D(R) replacement wells for PSMW15M and PSMW15D, respectively were installed in June 2007 (2Q07).
PSMW - 17 and Sauget Area 2 Groundwater Migration Control System BWMW - 4 D are the same well.

Field sampling activities were conducted in accordance with the procedures outlined in the PSMP including the collection of appropriate quality assurance and quality control (QA/QC) samples. The following section summarizes the field investigative procedures.

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2.0 FIELD PROCEDURES

URS Corporation (URS) conducted the 4Q07 plume stability monitoring field activities from December 6th through December 20th.

Groundwater Level Measurements - Prior to sampling, URS gauged the Plume Stability Monitoring Wells and other wells and piezometers in and around the W.G. Krummrich (WGK) Facility to obtain static groundwater levels. Presence of non-aqueous phase liquids (NAPL) was evaluated using an oil/water interface probe at all gauged well locations. Well gauging information for the 4Q07 sampling event is presented in **Table 1**, and a potentiometric surface map is presented in **Figure 3**. During the 4Q07 sampling event, the elevation of the Mississippi River was lower than groundwater levels in the Plume Stability monitoring wells (i.e., discharge to river). This map is based on water level data from wells screened in the MHU and DHU, because these hydrogeologic units are the primary migration pathway for constituents present in groundwater at the WGK Facility.

Groundwater Quality Sampling - Low-flow sampling techniques were used for groundwater sample collection. At each monitoring well, a submersible pump attached to polyethylene tubing was slowly lowered down the well and secured so that the pump intake was set near the middle or slightly above the middle of the screened interval. The other end of the polyethylene tubing was connected to a flow-through cell which discharged into a 5-gallon plastic bucket. Pump flow rates were set at approximately 100 ml/min and increased to a maximum of 500 ml/min during purging, if appropriate. Water level measurements were initially recorded approximately every two minutes to assess whether significant drawdown was occurring. If significant drawdown occurred, the flow rates were scaled back. Drawdown was monitored to ensure that it did not exceed 25% of the distance between the pump intake and the top of the screen (approximately 0.62 ft). Once the flow rate and drawdown were stable, field measurements were collected approximately every three to five minutes. Field measurements are presented on the groundwater purging and sampling forms, in **Appendix A.** Groundwater was considered stable when the following criteria were met over a minimum of three successive flow-through cell volumes:

- pH - ± 0.2 units
- Specific Conductance - ± 3%
- Dissolved Oxygen (DO) - ± 10% or ± 2 mg/L whichever is greater
- Oxidation-Reduction Potential (ORP) ± 20 mV

Once stabilization was achieved, samples for Volatile Organic Compounds (VOCs) and Gas Sensitive Parameters (i.e.., methane, ethane, ethylene, and carbon dioxide) analysis were typically collected at a maximum flow rate of 100 ml/min; all other samples were typically collected at a maximum flow rate of 500 ml/min consistent with the work plan in the following order:

- Semivolatile Organic Compounds (SVOCs)
- Polychlorinated Biphenyls (PCBs)
- Pesticides
- Herbicides

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- Metals
- General Chemistry (i.e., alkalinity, chloride, iron (total and dissolved), manganese (total and dissolved), nitrate, sulfate, dissolved organic carbon, & total organic carbon)
- Field Parameters (i.e.., ferrous iron, dissolved oxygen, and oxidation-reduction potential)

Samples for monitored natural attenuation (MNA) were collected from the following plume stability monitoring wells: PSMW03, 05, 07, 08, 11, 12, 15M(R), 15D(R), 16M, and 16D.

Quality assurance/quality control (QA/QC) samples consisting of analytical duplicates (AD) and equipment blanks (EB) were collected at a rate of 10% and matrix spike/matrix spike duplicates (MS/MSD) were collected at a rate of 5%, complying with the work plan. In addition, trip blanks accompanied each shipment containing samples for VOC analysis. All samples were submitted to the TestAmerica Laboratories, Inc. (TestAmerica) facility in Savannah, Georgia for analysis.

The sample identification system for groundwater samples included the following nomenclature "PSMW02-1207" which denotes plume stability monitoring well number two sampled in December 2007. QA/QC samples are identified by the suffix AD, EB or MS/MSD.

Field personnel recorded the project identification and number, sample description/location, required analysis, date and time of sample collection, type and matrix of sample, number of sample containers, analysis requested/comments, and sampler signature/date/time, with permanent ink on the chain-of-custody (COC). COC forms are included in **Appendix B**.

Samples were placed on ice inside a cooler immediately following sampling. Sample containers were packed in such a way as to help prevent breakage. Samples were shipped in coolers, each containing ice to maintain inside temperature at approximately 4°C. Sample coolers were sealed between the lid and sides of the cooler with a custody seal prior to shipment. The samples were shipped to the TestAmerica facility in Savannah, Georgia by means of an overnight delivery service, via FedEx®.

3.0 LABORATORY PROCEDURES

Samples were analyzed by TestAmerica for the 40 CFR 264 Appendix IX VOCs, SVOCs, PCBs, pesticides, herbicides, metals, and MNA parameters, using the following methodologies:

- VOCs, via Method 8260B
- SVOCs, via Method 8270C
- PCBs, via Method 680
- Pesticides, via Method 8081A
- Herbicides, via Method 8151A
- Metals, via Method 6010

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- MNA parameters consisting of alkalinity (310.1), carbon dioxide (310.1), chloride (325.2), dissolved gases (RSK 175), dissolved iron (6010B), dissolved manganese (6010B), dissolved organic carbon (415.1), nitrate (353.2), sulfate (375.4), and total organic carbon (TOC) (415.1).

Dichlorobenzenes were quantitated using Method 8260B because of potential volatilization losses associated with Method 8270C. Laboratory results were provided in electronic and hard copy formats.

4.0 QUALITY ASSURANCE

Analytical data were reviewed for quality and completeness, as described in the Plume Stability Monitoring Plan (PSMP). Data qualifiers were added, as appropriate, and are included on the data tables and the laboratory result pages. The Quality Assurance report is included as **Appendix C**. Laboratory result pages (i.e. Form 1's) along with data validation review sheets are included in **Appendix D**.

A total of 26 samples (20 investigative groundwater samples, 2 field duplicates, 1 MS/MSD pair and 2 equipment blanks) were prepared and analyzed by TestAmerica for combinations of VOCs, SVOCs, PCBs, pesticides, herbicides, metals, and general chemistry. In addition, eight trip blanks were included in the coolers that contained samples for VOC analysis and were analyzed for VOCs by USEPA SW-846 Method 8260B. The results for the various analyses were submitted as sample delivery groups (SDGs) KPS035, KPS036, KPS037 and KPS038. The samples contained in each SDG are listed below.

KPS035	KPS036	KPS037	KPS038
PSMW10-1207	PSMW06-1207	PSMW03-1207	PSMW02-1207
PSMW14D-1207	PSMW13-1207	PSMW03-1207-AD	
PSMW15M(R)-1207	PSMW01-1207-EB	PSMW05-1207	
PSMW15D(R)-1207	PSMW01-1207	PSMW04-1207	
PSMW17-1207		PSMW04-1207-EB	
PSMW16M-1207		PSMW12-1207	
PSMW016D-1207			
PSMW11-1207			
PSMW14M-1207			
PSMW-08-1207			
PSMW-07-1207			
PSMW08-1207-AD			
PSMW09-1207			

Evaluation of the analytical data followed procedures outlined in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, (USEPA, 1999), National Functional Guidelines for Inorganic Data Review, (USEPA, 2004) and the Plume Stability Monitoring Plan, (Solutia, 2005).

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Based on the above mentioned criteria, results reported for the analyses performed were accepted for their intended use. Acceptable levels of accuracy and precision, based on MS/MSD, laboratory control sample (LCS), surrogate and field duplicate data were achieved for these SDGs to meet the project objectives. Completeness which is defined to be the percentage of analytical results which are judged to be valid, including estimated (**J/UJ**) data was 100 percent.

5.0 OBSERVATIONS

This section presents the results of the 4Q07 sampling. **Tables 2** and **3** present groundwater analytical detections and monitored natural attenuation results for the 4Q07 plume stability monitoring sampling event, respectively. Seven constituents are representative of the WGK groundwater quality plume: benzene, chlorobenzene, total dichlorobenzenes, phenol, 2-chlorophenol, p-chloroaniline and total PCBs. Each of these constituents is discussed below for groundwater.

Groundwater

Benzene - During 4Q07, the maximum detected source area concentration of benzene was 890,000 ug/L (PSMW05) in the SHU at the Former Chlorobenzene Storage Area (**Figure 4**). Other on-site detections of benzene in the MHU/DHU ranged from 2,900 (PSMW03) to 14,000 ug/L (PSMW04). Benzene was detected in the DHU downgradient of the facility at concentrations of 26 ug/L (PSMW07) and 2,400/2,700 ug/L (PSMW08 and duplicate). Both of these wells are located at the downgradient boundary of Lot F on property now owned by Center Ethanol. Benzene concentrations continue to decrease downgradient to concentrations of 110 ug/L (PSMW11) and 150 ug/L (PSMW12) which are both located approximately 1,500 feet from PSMW07 and PSMW08, respectively. Benzene detections in the DHU near the river north of the Sauget Area 2 Groundwater Migration Control System (SA2 GMCS) ranged from 140 ug/L (PSMW15D(R)) to 1,100 ug/L (PSMW16D). Benzene was not detected in the DHU at wells PSMW14D (< 1 ug/L). Benzene was detected in the MHU at well PSMW16M at a concentration of 4 ug/L. Benzene was not detected in the MHU, at wells PSMW14M (<1 ug/L) and PSMW15M(R) (<1 ug/L), adjacent the river. Benzene was detected at DHU well PSMW17 at a concentration of 35 ug/L, likely related to residual contamination downgradient of the SA2 GMCS.

Chlorobenzene - During 4Q07, the maximum detected source area concentration of chlorobenzene was 27,000 ug/L (PSMW04) in the DHU at the North Tank Farm, just downgradient of the Former Chlorobenzene Process Area (**Figure 5**). Other on-site detections of chlorobenzene in the DHU ranged from 1,600 (PSMW02) to 12,000 ug/L (PSMW03). Chlorobenzene was detected in the DHU downgradient of the North Tank Farm at concentrations of 420 ug/L (PSMW07) and 1,600/1,600 ug/L (PSMW08 and duplicate). Both of these wells are located at the downgradient boundary of Lot F on property now owned by Center Ethanol. Similar chlorobenzene concentrations are found further downgradient. Chlorobenzene detections in the DHU near the river north of the SA2 GMCS ranged from 190 ug/L (PSMW15D(R)) to 1,800 ug/L (PSMW16D). Chlorobenzene was detected in the MHU at a concentrations ranging from 5.9 ug/L (PSMW14M) to 21 ug/L (PSMW16M). Chlorobenzene was not detected (< 1 ug/L) in the MHU at PSMW15M(R). The chlorobenzene concentration at PSMW17 (DHU) was 1,200 ug/L, likely due to residual contamination downgradient of the SA2 GMCS.

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Total Dichlorobenzenes – During 4Q07, the maximum detected source area concentration of total dichlorobenzenes (1, 2-dichlorobenzene, 1-3-dichlorobenzene, and 1-4-dichlorobenzene) was 33,300/32,300 ug/L (PSMW03 and duplicate) in the DHU at the Former Chlorobenzene Process Area (**Figure 6**). Total dichlorobenzenes were detected downgradient at concentrations of 8,930 ug/L (PSMW04) at the North Tank Farm, just downgradient of the Former Chlorobenzene Process Area. Total dichlorobenzenes were detected in the DHU downgradient of the North Tank Farm at PSMW07 (14.6 ug/L) but not in PSMW08 (<20 ug/L). However there was a detection in the PSMW08 duplicate sample at a concentration of 13.7 ug/L. Both of these wells are located at the downgradient boundary of Lot F on property now owned by Center Ethanol. Total dichlorobenzenes were detected further downgradient at a concentration of 313 ug/L at PSMW12 which is located downgradient of the Village of Sauget PChem Plant. Total dichlorobenzenes were detected in the DHU at concentrations of 1.4 ug/L and 49 ug/L (PSMW15D(R) and PSMW16D respectively) in two wells located near the river north of the SA2 GMCS. Total dichlorobenzenes were only detected in one of the three MHU screened wells (PSMW16M) at a concentration of 1.8 ug/L located near the river north of the SA2 GMCS. The total dichlorobenzenes concentration at PSMW17 (DHU) was 9,567 ug/L, attributed to residual contamination downgradient of the SA2 GMCS.

Phenol - During 4Q07, the maximum on-site detected concentration of phenol was 94 ug/L (PSMW02) in the DHU at the Former PCB Manufacturing Area (**Figure 7**). Other on-site detections of phenol throughout the SHU/MHU/DHU ranged from 14 ug/L (PSMW03) to 63 ug/L (PSMW04). Phenol was detected in the DHU downgradient of the Former Chlorobenzene Storage Area in PSMW08 at a concentration of 26 ug/L/18 ug/L (primary and duplicate). This well is located at the downgradient boundary of Lot F on property now owned by Center Ethanol. Phenol was detected in PSMW12 (9.7 ug/L) located approximately 1,500 feet downgradient from Lot F. Phenol was detected in a single well in the DHU at a concentration of 32 ug/L (PSMW16D) located near the river north of the SA2 GMCS. Phenol was not detected in any of the three MHU screened wells (PSMW14M, PSMW15M(R), PSMW16M), located near the river north of the SA2 GMCS. Phenol was not detected in PSMW17 (DHU) located downgradient of the SA2 GMCS.

2-Chlorophenol - During 4Q07, 2-Chlorophenol was detected in two of the five on-site wells at concentrations of 25 ug/L (PSMW03) and 39 ug/L (PSMW04). However, the duplicate sample for PSMW03 was non-detect (<94 ug/L)(**Figure 8**). 2-Chlorophenol was detected in downgradient plume stability monitoring wells PSMW08 (15/14 ug/L in the primary and duplicate samples), which is located at the downgradient boundary of the Center Ethanol property, and PSMW12 (13 ug/L), which is located downgradient of the Village of Sauget PChem Plant. 2-Chlorophenol was detected in the DHU at a concentration of 11 ug/L (PSMW14D) and 14 ug/L (PSMW16D) in two wells located near the river north of the SA2 GMCS. 2-Chlorophenol was not detected in the three MHU screened wells located near the river north of the SA2 GMCS. 2-Chlorophenol was not detected in PSMW17 (DHU) located downgradient of the SA2 GMCS.

p-Chloroaniline - During 4Q07, the maximum on-site detected concentration of p-chloroaniline was 410/300 ug/L (PSMW03 and duplicate) in the DHU at the Former Chlorobenzene Process Area (**Figure 9**). p-Chloroaniline was detected in two other on-site DHU wells at concentrations of 140 ug/L (PSMW02)

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and 86 ug/L (PSMW04). While p-chloroaniline was detected in two downgradient plume stability monitoring wells PSMW07 (250 ug/L) and PSMW-11 (430 ug/L), it was not detected in the three MHU/ DHU wells clusters near the Mississippi River. At PSMW17 (DHU), p-chloroaniline was detected at a concentration of 19,000 ug/L, attributed to residual contamination downgradient of the SA2 GMCS

Total PCBs - Total PCBs were detected in unfiltered samples from plume stability monitoring wells PSMW02, 03, 04 and 12 at concentrations of 0.23 ug/L, 55.5 ug/L (31.6 ug/L in a duplicate sample), 0.69 ug/L, and 67.5 ug/L, respectively, during the 4Q07 sampling event (**Figure 10**). Three of these wells are located within the WGK Facility process area: one at the Former PCB Manufacturing Area (PSMW02), one at the Former Chlorobenzene Process Area (PSMW03), and one at the North Tank Farm (PSMW04).

Additional groundwater monitoring is being conducted at the Former PCB Manufacturing Area under a separate scope of work; and the results of that work are summarized below. Data from the 4Q07 PCB Mobility and Migration Investigation sampling event demonstrated that downgradient migration of PCBs from the Former PCB Manufacturing Area is limited. At the source area monitoring well PMAMW-4S, total PCBs were detected at 154,000,000 ug/kg (15.4%) in a DNAPL sample. Total PCBs were detected in unfiltered samples from four of six downgradient monitoring wells at concentrations of 48 ug/L (PMAMW01M (MHU)), 2.6/3.1 ug/L (PMAMW02M and duplicate (MHU)), 0.21 ug/L (PMAMW03S (SHU)), and 0.76 ug/L (PMAMW03M (MHU)). PCBs were detected in the filtered samples from all four of the locations at concentration of 51.1 ug/L (PMAMW01M), 1.9/1.6 ug/L (PMAMW02M and duplicate (MHU), 0.22 ug/L (PMAMW03S (SHU)), and 0.36 ug/L (PMAMW03M (MHU)) (Solutia, 2008B). PCBs (unfiltered or filtered) were not detected in two SHU wells PMAMW01S and PMAMW02S. These monitoring wells are located 300 to 400 feet downgradient of source area monitoring well PMAMW04S.

PCB migration in the MHU/DHU downgradient of the Former Chlorobenzene Process Area is expected to follow the same pattern as that observed in the Former PCB Manufacturing Area - attenuation over a distance of 300 to 400 ft. This expectation is supported by the concentration decrease in PSMW04 and by the fact that PCBs have never been detected in plume stability monitoring wells PSMW06, 07, 08 and 09, which are located downgradient of the WGK plant process area.

Total PCBs were detected in PSMW12 at a concentration of 67.5 ug/L during the 4Q07 sampling event. These detections are not believed to be related to WGK. No PCBs were detected at the Mississippi River in either PSMW14M/D, PSMW15M(R)/D(R), PSMW16M/D or PSMW17, demonstrating that the PCBs detected in PSMW12 attenuated before they reached the river. This attenuation is consistent with the attenuation observed in the Former PCB Manufacturing Area.

Figure 11 displays benzene and total chlorobenzenes results from the 1Q07, 2Q07, 3Q07 and 4Q07 sampling events. These constituents provide a good depiction of the areal extent of constituent migration from source areas at the WGK Facility. Results from the 4Q07 sampling event are generally consistent with those from previous sampling events (Solutia, 2006B; Solutia 2006C; Solutia, 2007A; Solutia, 2007B; Solutia, 2007D; Solutia, 2008A; Solutia, 2008B).

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Solutia will continue to collect groundwater samples on a quarterly basis and will prepare reports similar to this.

Monitored Natural Attenuation (MNA) – Data from the eight quarters (seven quarters for some wells) of groundwater monitoring were reviewed to develop a preliminary assessment of natural attenuation. Monitoring wells along two transects were monitored for MNA parameters: the north transect consisted of wells in and downgradient of the Former Chlorobenzene Process Area (PSMW03, PSMW07, PSMW11 and PSMW15D(R)); and the southern transect consists of wells in and downgradient of the Former Chlorobenzene Storage Area (PSMW05, PSMW08, PSMW12 and PSMW16D). For a given well, the data were generally consistent between events. As such, the discussion below focuses on the 4Q07 data set with one exception. 3Q07 ORP values were used in this analysis due to a malfunction with the ORP sensor used for groundwater sampling during 4Q07.

The ORP and DO in groundwater are both indicators of which of the natural attenuation mechanisms may be operating at a site. Available DO and ORP data across the plume indicate the aquifer is anaerobic. The DO values ranged from 0.31 to 1.28 mg/L and the ORP values ranged from -81.3 to -108.5 mV. For anaerobic biodegradation, DO values should be less than 2 mg/L, and ORP values should be less than 50 mV. Typical ORP values for the various anaerobic degradation processes are:

- Iron Reduction, -50 mV
- Sulfate Reduction, -150 mV
- Methanogenesis, -200 mV
- Reductive Dechlorination, -100 to -300 mV

Based on the DO and ORP values to date, it appears that anaerobic degradation through iron and sulfate reduction are the dominant mechanisms. Sulfate, methane and chloride data provide additional support for natural attenuation.

- The sulfate and methane concentrations are inversely proportional in wells along both the northern and southern transects. Sulfate concentrations are as much as two orders of magnitude lower in wells in the northern transect than in the southern, and methane concentrations are two orders of magnitude higher. This inverse relationship is consistent with anaerobic degradation because sulfate is consumed during sulfate reduction, and this occurs prior to the production of methane during methanogenesis.

- Chloride concentrations are higher in the wells that contain lower sulfate and higher methane concentrations. Since chloride is a by-product of chlorobenzene degradation, the presence of higher chloride concentrations with higher methane concentrations suggests that attenuation may have progressed further at those locations.

These constituent concentrations are provided in **Figure 12**.

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6.0 REFERENCES

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Figures

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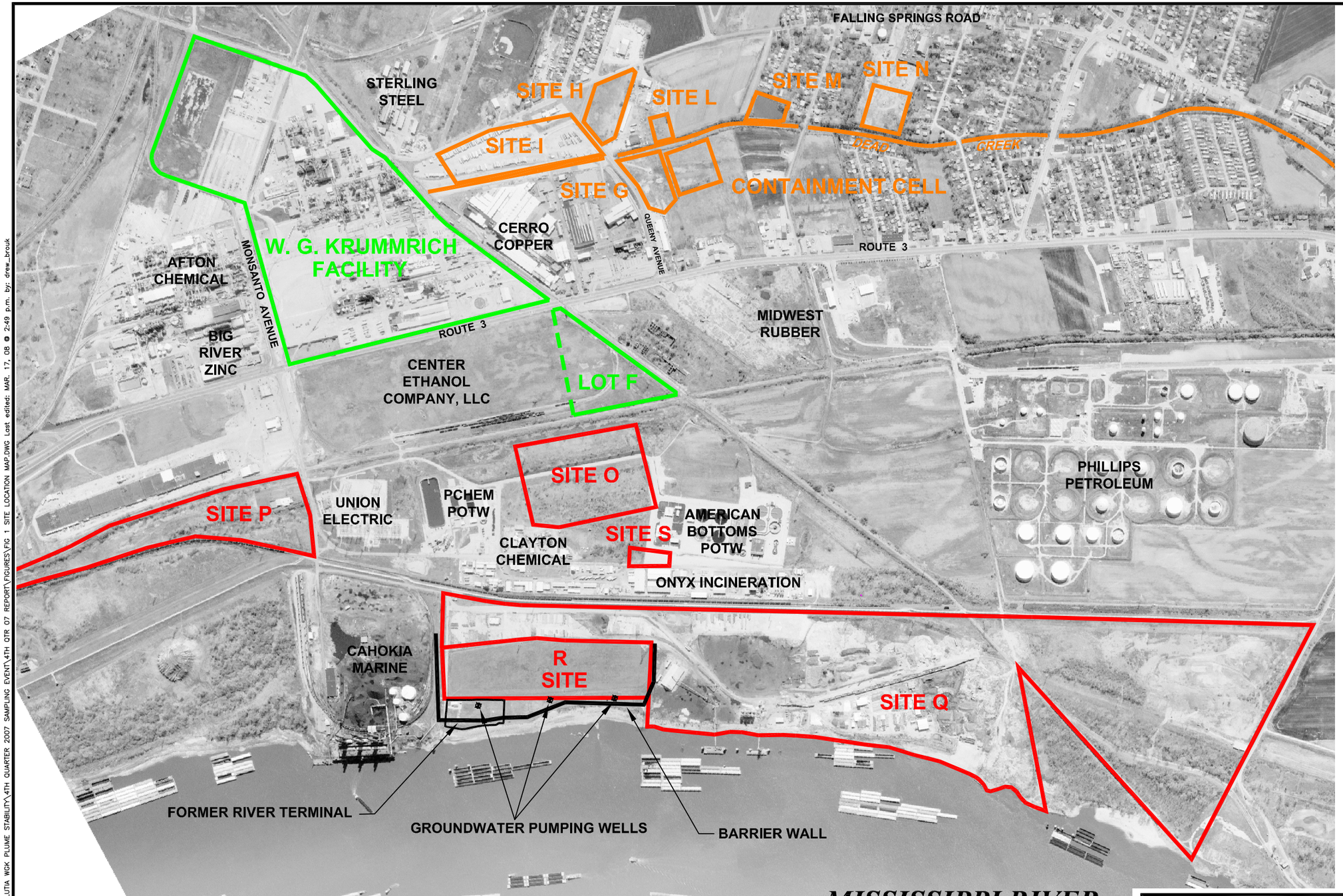

LEGEND

- W.G. KRUMMRICH FACILITY
- SAUGET AREA #1
- SAUGET AREA #2

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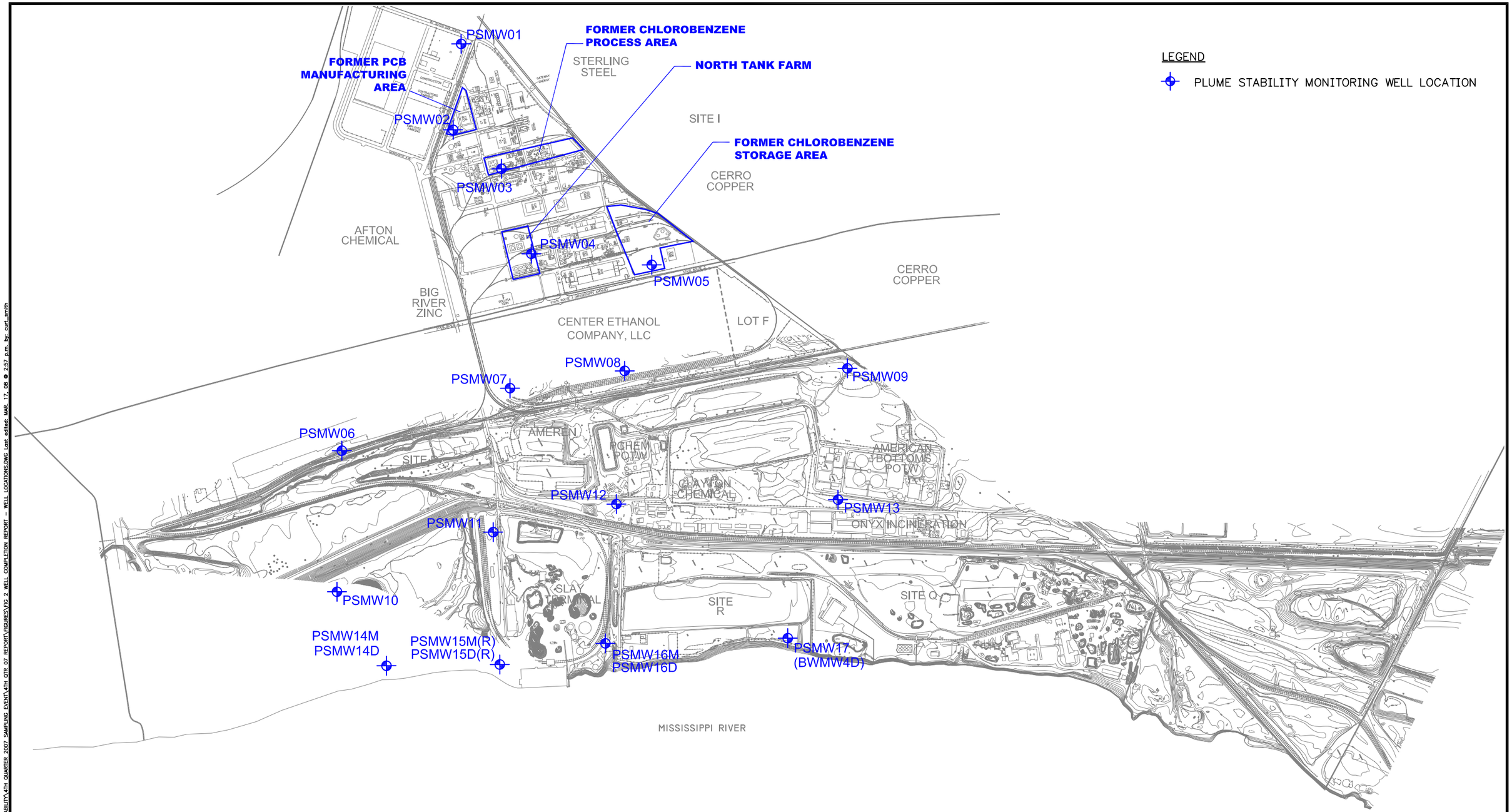
SCALE FEET

PLUME STABILITY MONITORING PROGRAM 4TH QUARTER 2007 DATA REPORT W.G. KRUMMRICH FACILITY SAUGET, ILLINOIS		PROJECT NO. 21561814.00004
URS		
DRN. BY:djd 3/17/08 DSGN. BY:wh CHKD. BY:wh	Site Location Map	FIG. NO. 1

File: P:\ENVIRONMENTAL\21561618 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG 1 SITE LOCATION MAP.DWG Last edited: MAR. 17, 08 @ 2:49 p.m. by: drew_brouk



PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO.
21561814.00004

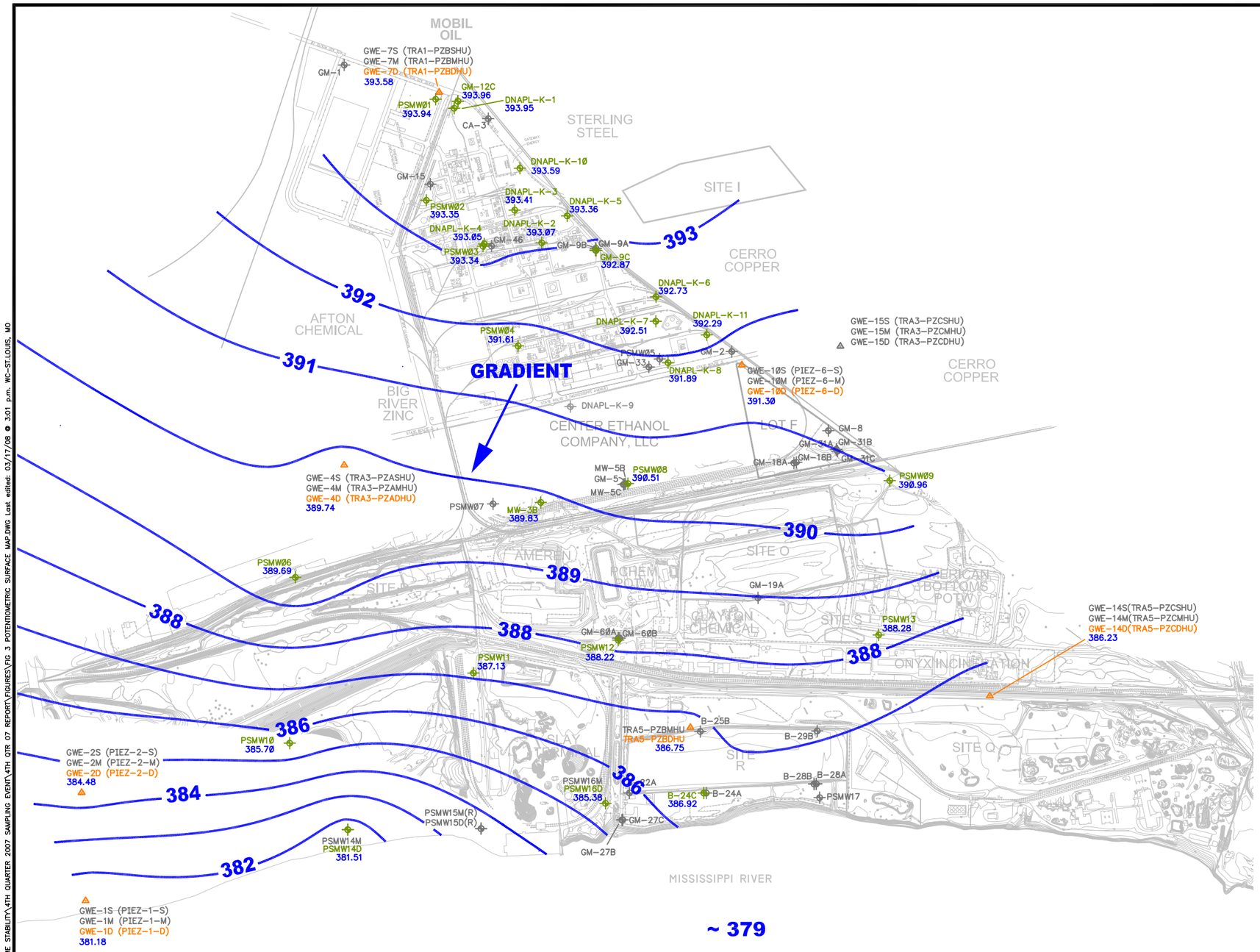
URS

DRN. BY:djd 3/17/08
DSGN. BY:wh
CHKD. BY:wh

Plume Stability Monitoring Program Well Locations

FIG. NO.
2

File: P:\ENVIRONMENTAL\21561618 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\Fig 2 WELL COMPLETION REPORT -- WELL LOCATIONS.DWG Last edited: MAR. 17, 08 @ 2:57 p.m. by: curt_smith



LEGEND

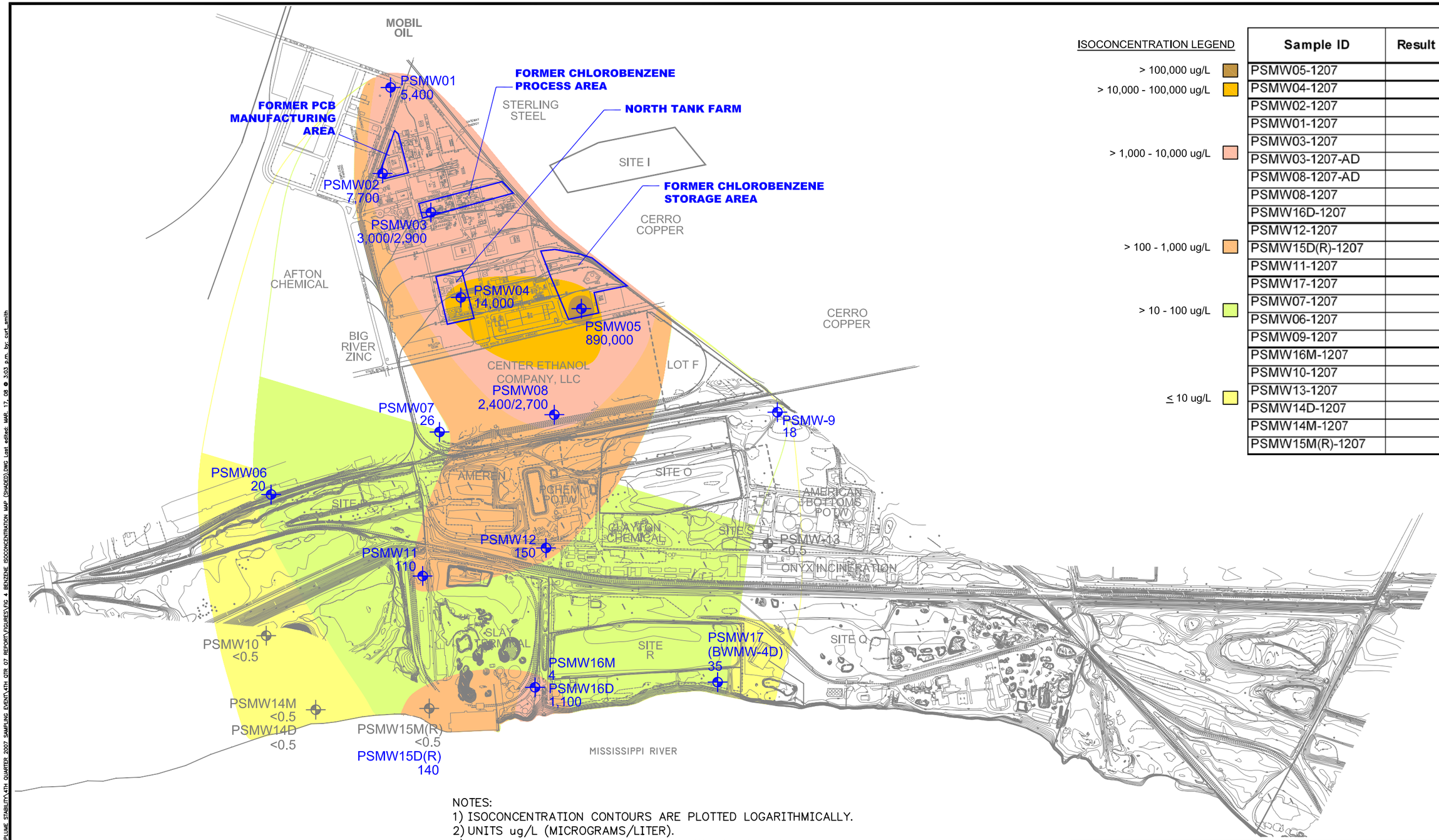
- MONITORING WELL LOCATIONS (USED FOR CONTOURING)
- PIEZOMETER CLUSTER (USED FOR CONTOURING)
- —392— GROUNDWATER ELEVATION CONTOUR (FT NAVD)

NOTES:

1. GROUNDWATER LEVELS WERE MEASURED DECEMBER 6TH – 7TH, 2ØØ7.
2. CONTOURS GENERATED PRIMARILY USING SURFER SOFTWARE VERSION 8. SOME INTERPRETATION WAS DONE USING PROFESSIONAL JUDGEMENT AND CONTOUR LINES WERE MODIFIED BY HAND.
3. WELLS/PIEZOMETERS SHOWN IN GRAYSCALE WERE NOT USED FOR CONTOURING.
4. THE MISSISSIPPI RIVER STAGE ELEVATION PRESENTED ON THE FIGURE IS AN AVERAGE ELEVATION FOR THE TIME OF THE GAUGING EVENT. THE INFORMATION WAS OBTAINED FROM THE SITE R BUBBLER.
5. THE POTENTIOMETRIC SURFACE OBSERVED AROUND SITE R MAY BE ASSOCIATED WITH THE OPERATION OF THE SA2 GMCS.
6. NEITHER THE PHYSICAL NOR THE HYDROLOGIC BARRIERS CREATED BY THE SA2 GMCS WERE INCORPORATED INTO THE DEVELOPMENT OF THESE CONTOURS.
7. LOCATIONS WITH WELLS SCREENED IN BOTH THE MHU AND DHU UTILIZED THE DHU WELL FOR DEVELOPMENT OF THE POTENTIOMETRIC SURFACE MAP.
8. DATA FROM PSMWØ7 AND K-9 WERE NOT INCLUDED IN THE DEVELOPMENT OF THE POTENTIOMETRIC SURFACE MAP DUE TO CONSTRUCTION/GRADING WORK BEING DONE IN LOT F WHICH REQUIRED RISER PIPE ALTERATION AT THESE LOCATIONS. LOCATIONS WILL BE RESURVEYED WHEN CONSTRUCTION STOPS.
9. DATA FROM PSMW17, GM-27B AND B-28B WERE NOT INCLUDED IN THE DEVELOPMENT OF THE POTENTIOMETRIC SURFACE DUE TO THE DATA APPEARING ANAMOLOUS TO SURROUNDING GROUNDWATER LEVELS BASED ON A REVIEW OF THE 3Q07 POTENTIOMETRIC SURFACE MAP.
10. DATA FROM PSMW15M(R) AND PSMW15D(R) WERE NOT INCLUDED IN THE DEVELOPMENT OF THE POTENTIOMETRIC SURFACE MAP DUE TO REPLACEMENT WELL CONSTRUCTION. LOCATIONS WILL BE SURVEYED AND DATA USED IN THE FUTURE EVENTS.
11. DATA FROM GWE-15D (TRA3-PZCDHU) WERE NOT INCLUDED IN THE DEVELOPMENT OF THE POTENTIOMETRIC SURFACE MAP DUE TO ACCESS ISSUES WITH PROPERTY FORMERLY OWNED BY CERRO COPPER.

PLUME STABILITY MONITORING PROGRAM 4TH QUARTER 2ØØ7 DATA REPORT W.G. KRUMMRICH FACILITY SAUGET, ILLINOIS	PROJECT NO. 21561814.ØØØØ4
URS	
DRN. BY:djd 3/17/Ø8 DSGN. BY:wh CHKD. BY:wh	Potentiometric Surface Map — FIG. NO. 3

File: P:\ENVIRONMENTAL\21561618 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG 3 POTENTIOMETRIC SURFACE MAP.DWG Last edited: 03/17/08 @ 3:01 p.m. WC-STLOUIS, MO



ISOCONCENTRATION LEGEND

- > 100,000 ug/L
- > 10,000 - 100,000 ug/L
- > 1,000 - 10,000 ug/L
- > 100 - 1,000 ug/L
- > 10 - 100 ug/L
- ≤ 10 ug/L

Sample ID	Result (ug/L)
PSMW05-1207	890,000
PSMW04-1207	14,000
PSMW02-1207	7,700
PSMW01-1207	5,400
PSMW03-1207	3,000
PSMW03-1207-AD	2,900
PSMW08-1207-AD	2,700
PSMW08-1207	2,400
PSMW16D-1207	1,100
PSMW12-1207	150
PSMW15D(R)-1207	140
PSMW11-1207	110
PSMW17-1207	35
PSMW07-1207	26
PSMW06-1207	20
PSMW09-1207	18
PSMW16M-1207	4
PSMW10-1207	ND
PSMW13-1207	ND
PSMW14D-1207	ND
PSMW14M-1207	ND
PSMW15M(R)-1207	ND

LEGEND

PSMW09 — MONITORING WELL LOCATION

11 — CONCENTRATION (ug/L)

NOTES:
1) ISOCONCENTRATION CONTOURS ARE PLOTTED LOGARITHMICALLY.
2) UNITS ug/L (MICROGRAMS/LITER).
3) WELLS SHOWN IN GRAY SCALE ARE NON-DETECT FOR THE SPECIFIC CONSTITUENT.
4) FOR NON-DETECTS, VALUES USED FOR ISOCONCENTRATION CONTOURS ARE SHOWN AT HALF OF THE REPORTING LIMIT.
5) MONITORING WELLS ARE SCREENED IN COMBINATIONS OF THE SHALLOW, MIDDLE, AND DEEP HYDROGEOLOGIC UNITS. FOR PRESENTATION PURPOSES, DATA FROM ALL WELLS ARE SHOWN.
6) FOR NESTED WELL LOCATIONS, CONTOURS ARE BASED ON THE HIGHEST VALUE.

Ø 1000
SCALE FEET

PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21561814.00004

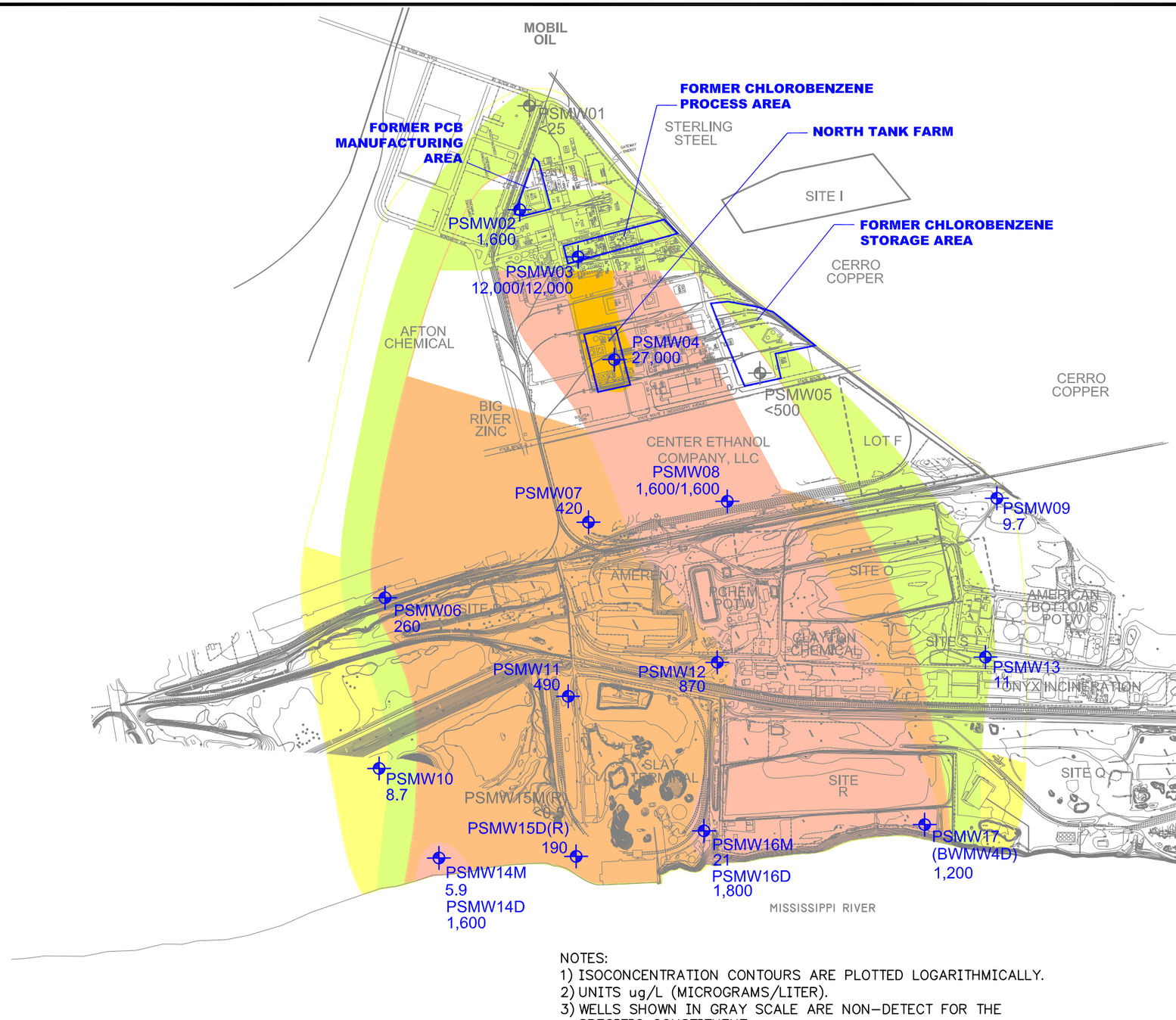
URS

DRN. BY: djd 3/17/08
DSGN. BY: wh
CHKD. BY: wh

4Q07 Benzene Isoconcentrations

FIG. NO. 4

File: P:\ENVIRONMENTAL\21561618 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG 4 BENZENE ISOCONCENTRATION MAP (SHADED).DWG Last edited: MAR. 17, 08 @ 3:03 p.m. by: curt_smith



ISOCONCENTRATION LEGEND

- > 10,000 - 100,000 ug/L
- > 1,000 - 10,000 ug/L
- > 100 - 1,000 ug/L
- > 10 - 100 ug/L
- ≤ 10 ug/L

Sample ID	Result (ug/L)
PSMW04-1207	27,000
PSMW03-1207	12,000
PSMW03-1207-AD	12,000
PSMW16D-1207	1,800
PSMW02-1207	1,600
PSMW08-1207	1,600
PSMW08-1207-AD	1,600
PSMW14D-1207	1,600
PSMW17-1207	1,200
PSMW12-1207	870
PSMW05-1207	ND
PSMW11-1207	490
PSMW07-1207	420
PSMW06-1207	260
PSMW15D(R)-1207	190
PSMW01-1207	ND
PSMW16M-1207	21
PSMW13-1207	11
PSMW09-1207	9.7
PSMW10-1207	8.7
PSMW14M-1207	5.9
PSMW15M(R)-1207	ND

LEGEND

PSMW09 — MONITORING WELL LOCATION

11 — CONCENTRATION (ug/L)

NOTES:

1) ISOCONCENTRATION CONTOURS ARE PLOTTED LOGARITHMICALLY.
2) UNITS ug/L (MICROGRAMS/LITER).
3) WELLS SHOWN IN GRAY SCALE ARE NON-DETECT FOR THE SPECIFIC CONSTITUENT.
4) FOR NON-DETECTS, VALUES USED FOR ISOCONCENTRATION CONTOURS ARE SHOWN AT HALF OF THE REPORTING LIMIT.
5) MONITORING WELLS ARE SCREENED IN COMBINATIONS OF THE SHALLOW, MIDDLE, AND DEEP HYDROGEOLOGIC UNITS. FOR PRESENTATION PURPOSES, DATA FROM ALL WELLS ARE SHOWN.
6) FOR NESTED WELL LOCATIONS, CONTOURS ARE BASED ON THE HIGHEST VALUE.

0 1000

SCALE FEET

PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21561814.00004

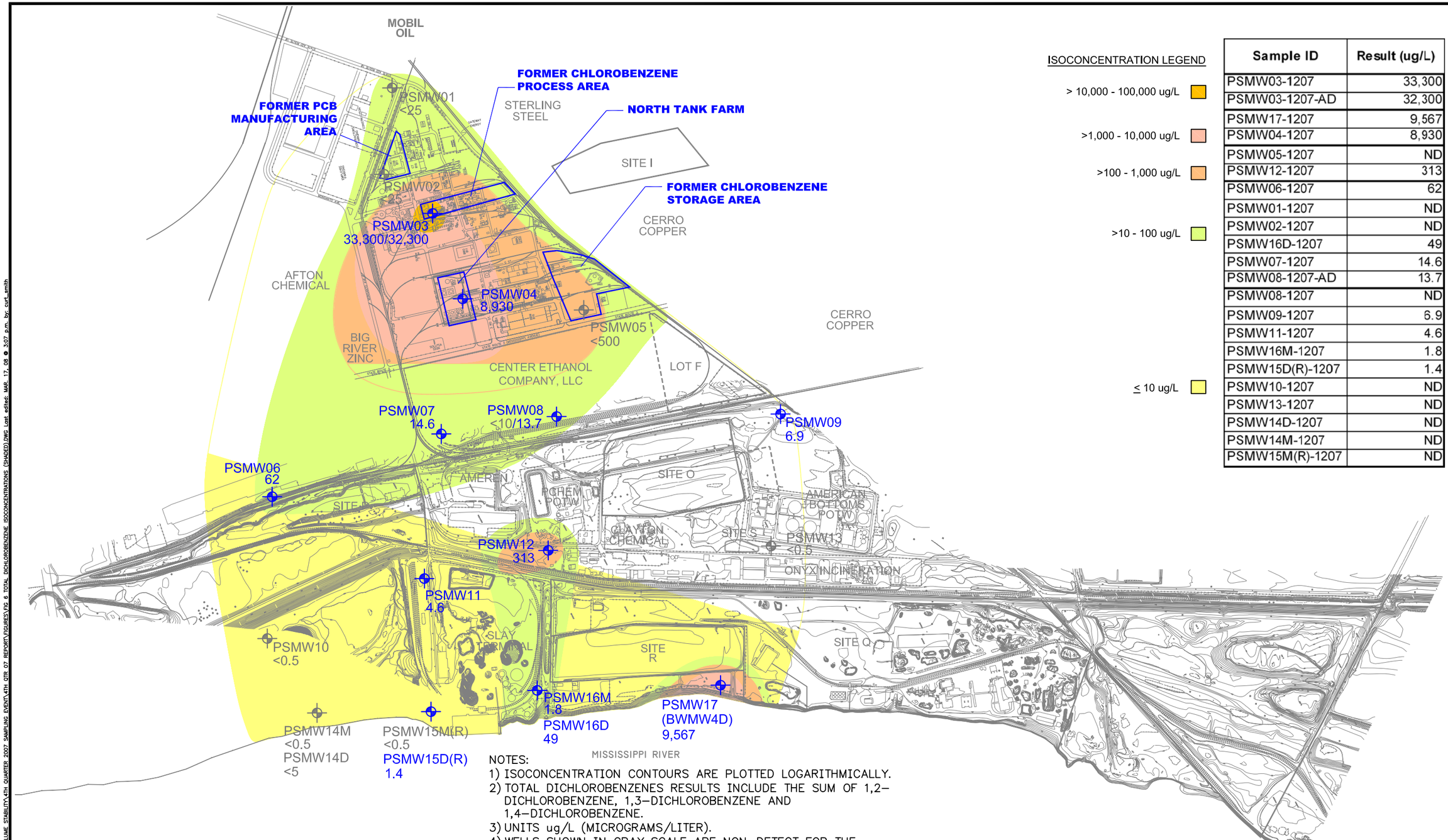
URS

DRN. BY: djd 3/17/08
DSGN. BY: wh
CHKD. BY: wh

4Q07 Chlorobenzene Isoconcentrations

FIG. NO. 5

File: P:\ENVIRONMENTAL\21561618 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\Fig 5 CHLOROBENZENE ISOCONCENTRATION MAP (SHADED).DWG Last edited: MAR. 17, 08 @ 3:05 p.m. by: curt_smith



ISOCONCENTRATION LEGEND

- > 10,000 - 100,000 ug/L
- >1,000 - 10,000 ug/L
- >100 - 1,000 ug/L
- >10 - 100 ug/L
- ≤ 10 ug/L

Sample ID	Result (ug/L)
PSMW03-1207	33,300
PSMW03-1207-AD	32,300
PSMW17-1207	9,567
PSMW04-1207	8,930
PSMW05-1207	ND
PSMW12-1207	313
PSMW06-1207	62
PSMW01-1207	ND
PSMW02-1207	ND
PSMW16D-1207	49
PSMW07-1207	14.6
PSMW08-1207-AD	13.7
PSMW08-1207	ND
PSMW09-1207	6.9
PSMW11-1207	4.6
PSMW16M-1207	1.8
PSMW15D(R)-1207	1.4
PSMW10-1207	ND
PSMW13-1207	ND
PSMW14D-1207	ND
PSMW14M-1207	ND
PSMW15M(R)-1207	ND

LEGEND

PSMW09 MONITORING WELL LOCATION

11 CONCENTRATION (ug/L)

NOTES:

1) ISOCONCENTRATION CONTOURS ARE PLOTTED LOGARITHMICALLY.
2) TOTAL DICHLOROBENZENES RESULTS INCLUDE THE SUM OF 1,2–DICHLOROBENZENE, 1,3–DICHLOROBENZENE AND 1,4–DICHLOROBENZENE.
3) UNITS ug/L (MICROGRAMS/LITER).
4) WELLS SHOWN IN GRAY SCALE ARE NON–DETECT FOR THE SPECIFIC CONSTITUENT.
5) FOR NON–DETECTS, VALUES USED FOR ISOCONCENTRATION CONTOURS ARE SHOWN AT HALF OF THE HIGHEST REPORTING LIMIT FOR ONE OF THREE CONSTITUENTS LISTED ABOVE.
6) MONITORING WELLS ARE SCREENED IN COMBINATIONS OF THE SHALLOW, MIDDLE, AND DEEP HYDROGEOLOGIC UNITS. FOR PRESENTATION PURPOSES, DATA FROM ALL WELLS ARE SHOWN.
7) FOR NESTED WELL LOCATIONS, CONTOURS ARE BASED ON THE HIGHEST VALUE.

Ø 1000

SCALE FEET

PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21561814.00004

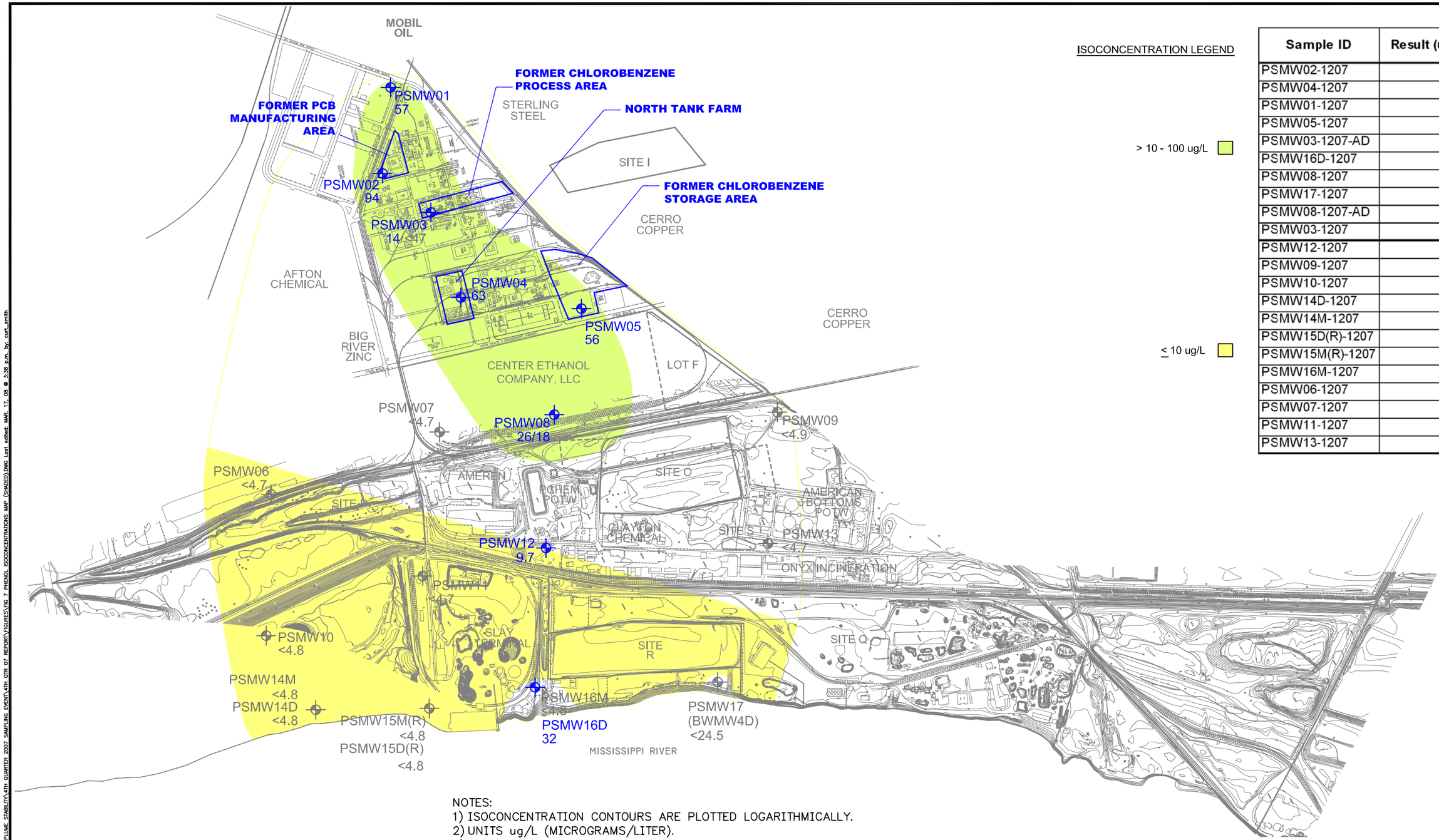
URS

DRN. BY: djd 3/17/08
DSGN. BY: wh
CHKD. BY: wh

4Q07 Total Dichlorobenzenes Isoconcentrations

FIG. NO. 6

File: P:\ENVIRONMENTAL\21561818 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG 6 TOTAL DICHLOROBENZENE ISOCONCENTRATIONS (SHADED).DWG Last edited: MAR. 17, 08 @ 3:07 p.m. by: curt_smith



ISOCONCENTRATION LEGEND

> 10 - 100 ug/L

≤ 10 ug/L

Sample ID	Result (ug/L)
PSMW02-1207	94
PSMW04-1207	63
PSMW01-1207	57
PSMW05-1207	56
PSMW03-1207-AD	ND
PSMW16D-1207	32
PSMW08-1207	26
PSMW17-1207	ND
PSMW08-1207-AD	18
PSMW03-1207	14
PSMW12-1207	9.7
PSMW09-1207	ND
PSMW10-1207	ND
PSMW14D-1207	ND
PSMW14M-1207	ND
PSMW15D(R)-1207	ND
PSMW15M(R)-1207	ND
PSMW16M-1207	ND
PSMW06-1207	ND
PSMW07-1207	ND
PSMW11-1207	ND
PSMW13-1207	ND

LEGEND

PSMW09 — MONITORING WELL LOCATION

11 — CONCENTRATION (ug/L)

NOTES:
1) ISOCONCENTRATION CONTOURS ARE PLOTTED LOGARITHMICALLY.
2) UNITS ug/L (MICROGRAMS/LITER).
3) WELLS SHOWN IN GRAY SCALE ARE NON-DETECT FOR THE SPECIFIC CONSTITUENT.
4) FOR NON-DETECTS, VALUES USED FOR ISOCONCENTRATION CONTOURS ARE SHOWN AT HALF OF THE REPORTING LIMIT.
5) MONITORING WELLS ARE SCREENED IN COMBINATIONS OF THE SHALLOW, MIDDLE, AND DEEP HYDROGEOLOGIC UNITS. FOR PRESENTATION PURPOSES, DATA FROM ALL WELLS ARE SHOWN.
6) FOR NESTED WELL LOCATIONS, CONTOURS ARE BASED ON THE HIGHEST VALUE.

Ø 1000
SCALE FEET

PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21561814.00004

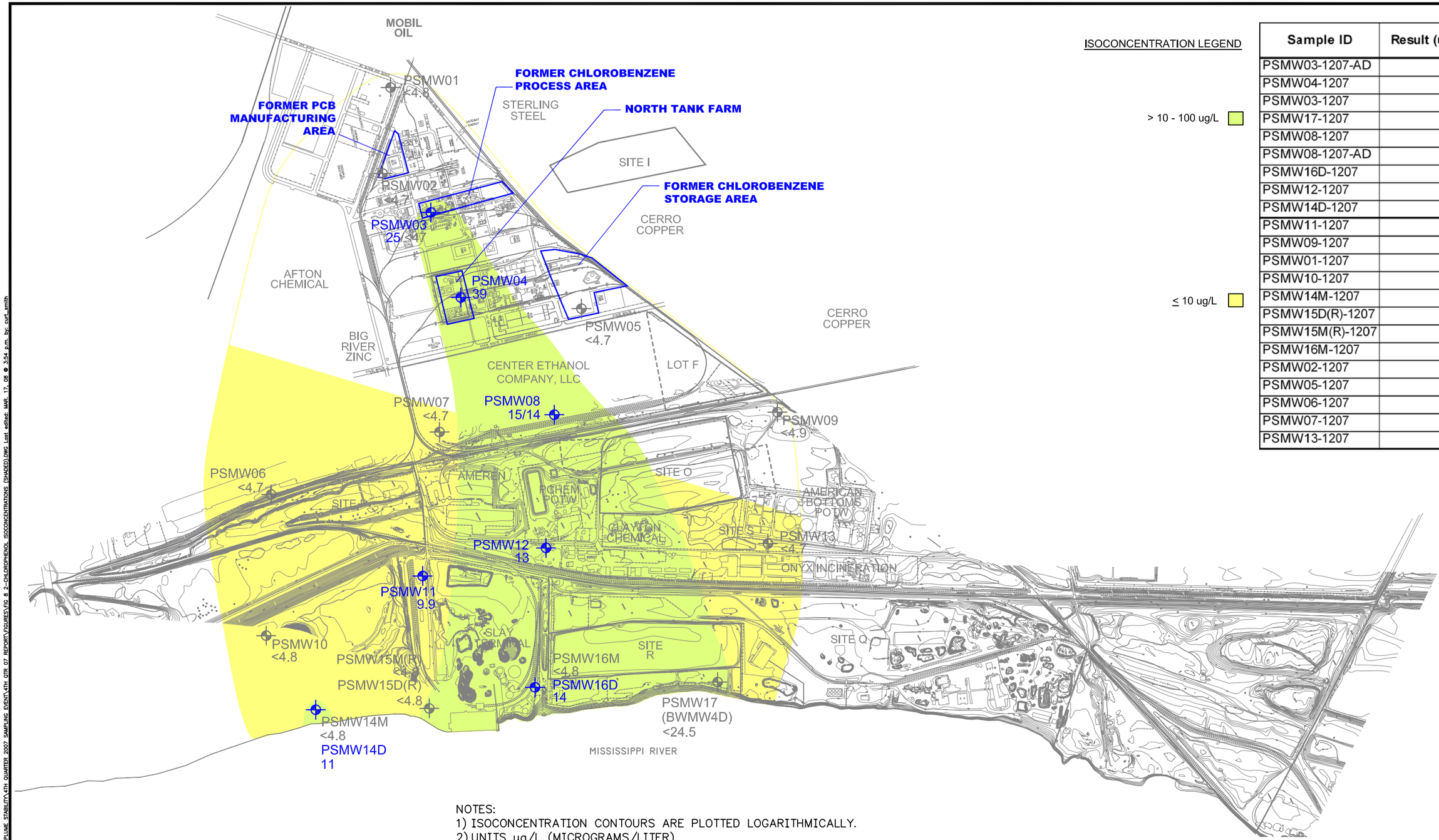
URS

DRN. BY: djd 3/17/08
DSGN. BY: wh
CHKD. BY: wh

4Q07 Phenol Isoconcentrations

FIG. NO. 7

File: P:\ENVIRONMENTAL\21561618 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG 7 PHENOL ISOCONCENTRATIONS MAP (SHADED).DWG Last edited: MAR. 17, 08 @ 3:38 p.m. by: curt_smith



ISOCONCENTRATION LEGEND

> 10 - 100 ug/L

≤ 10 ug/L

Sample ID	Result (ug/L)
PSMW03-1207-AD	ND
PSMW04-1207	39
PSMW03-1207	25
PSMW17-1207	ND
PSMW08-1207	15
PSMW08-1207-AD	14
PSMW16D-1207	14
PSMW12-1207	13
PSMW14D-1207	11
PSMW11-1207	9.9
PSMW09-1207	ND
PSMW01-1207	ND
PSMW10-1207	ND
PSMW14M-1207	ND
PSMW15D(R)-1207	ND
PSMW15M(R)-1207	ND
PSMW16M-1207	ND
PSMW02-1207	ND
PSMW05-1207	ND
PSMW06-1207	ND
PSMW07-1207	ND
PSMW13-1207	ND

LEGEND

PSMW09 — MONITORING WELL LOCATION

11 — CONCENTRATION (ug/L)

NOTES:
1) ISOCONCENTRATION CONTOURS ARE PLOTTED LOGARITHMICALLY.
2) UNITS ug/L (MICROGRAMS/LITER).
3) WELLS SHOWN IN GRAY SCALE ARE NON-DETECT FOR THE SPECIFIC CONSTITUENT.
4) FOR NON-DETECTS, VALUES USED FOR ISOCONCENTRATION CONTOURS ARE SHOWN AT HALF OF THE REPORTING LIMIT.
5) MONITORING WELLS ARE SCREENED IN COMBINATIONS OF THE SHALLOW, MIDDLE, AND DEEP HYDROGEOLOGIC UNITS. FOR PRESENTATION PURPOSES, DATA FROM ALL WELLS ARE SHOWN.
6) FOR NESTED WELL LOCATIONS, CONTOURS ARE BASED ON THE HIGHEST VALUE.

Ø 1000
SCALE FEET

PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21561814.00004

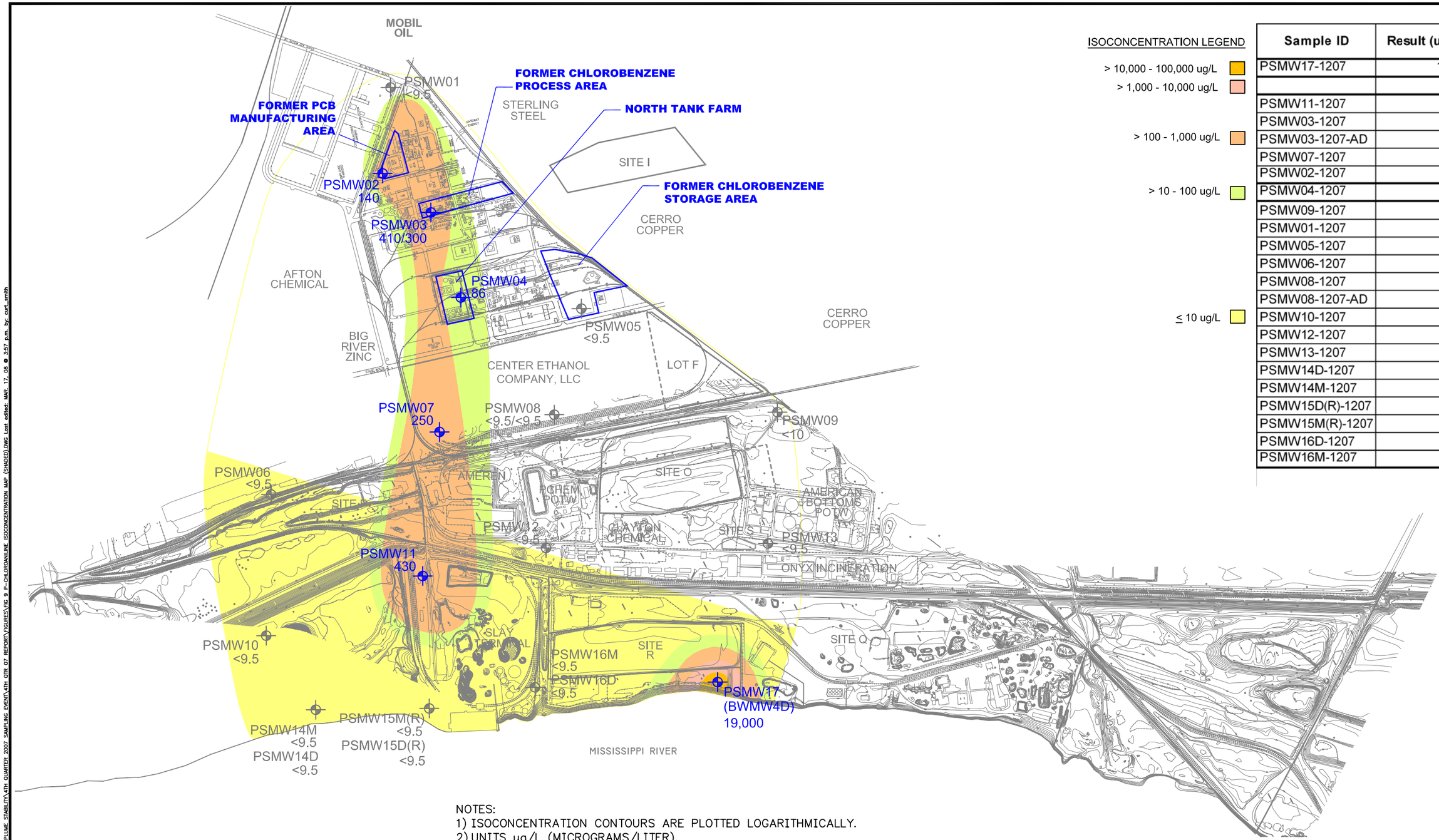
URS

DRN. BY: djd 3/17/08
DSGN. BY: wh
CHKD. BY: wh

4Q07 2-Chlorophenol Isoconcentrations

FIG. NO. 8

File: P:\ENVIRONMENTAL\21561818 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG. 8 2-CHLOROPHENOL ISOCONCENTRATIONS (SHADED).DWG Last edited: MAR. 17, 08 @ 3:54 p.m. by: curt_smith



ISOCONCENTRATION LEGEND

- > 10,000 - 100,000 ug/L
- > 1,000 - 10,000 ug/L
- > 100 - 1,000 ug/L
- > 10 - 100 ug/L
- ≤ 10 ug/L

Sample ID	Result (ug/L)
PSMW17-1207	19,000
PSMW11-1207	430
PSMW03-1207	410
PSMW03-1207-AD	300
PSMW07-1207	250
PSMW02-1207	140
PSMW04-1207	86
PSMW09-1207	ND
PSMW01-1207	ND
PSMW05-1207	ND
PSMW06-1207	ND
PSMW08-1207	ND
PSMW08-1207-AD	ND
PSMW10-1207	ND
PSMW12-1207	ND
PSMW13-1207	ND
PSMW14D-1207	ND
PSMW14M-1207	ND
PSMW15D(R)-1207	ND
PSMW15M(R)-1207	ND
PSMW16D-1207	ND
PSMW16M-1207	ND

LEGEND

PSMW09 — MONITORING WELL LOCATION

11 — CONCENTRATION (ug/L)

NOTES:
1) ISOCONCENTRATION CONTOURS ARE PLOTTED LOGARITHMICALLY.
2) UNITS ug/L (MICROGRAMS/LITER).
3) WELLS SHOWN IN GRAY SCALE ARE NON-DETECT FOR THE SPECIFIC CONSTITUENT.
4) FOR NON-DETECTS, VALUES USED FOR ISOCONCENTRATION CONTOURS ARE SHOWN AT HALF OF THE REPORTING LIMIT.
5) MONITORING WELLS ARE SCREENED IN COMBINATIONS OF THE SHALLOW, MIDDLE, AND DEEP HYDROGEOLOGIC UNITS. FOR PRESENTATION PURPOSES, DATA FROM ALL WELLS ARE SHOWN.
6) FOR NESTED WELL LOCATIONS, CONTOURS ARE BASED ON THE HIGHEST VALUE.

Ø 1000
SCALE FEET

PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21561814.00004

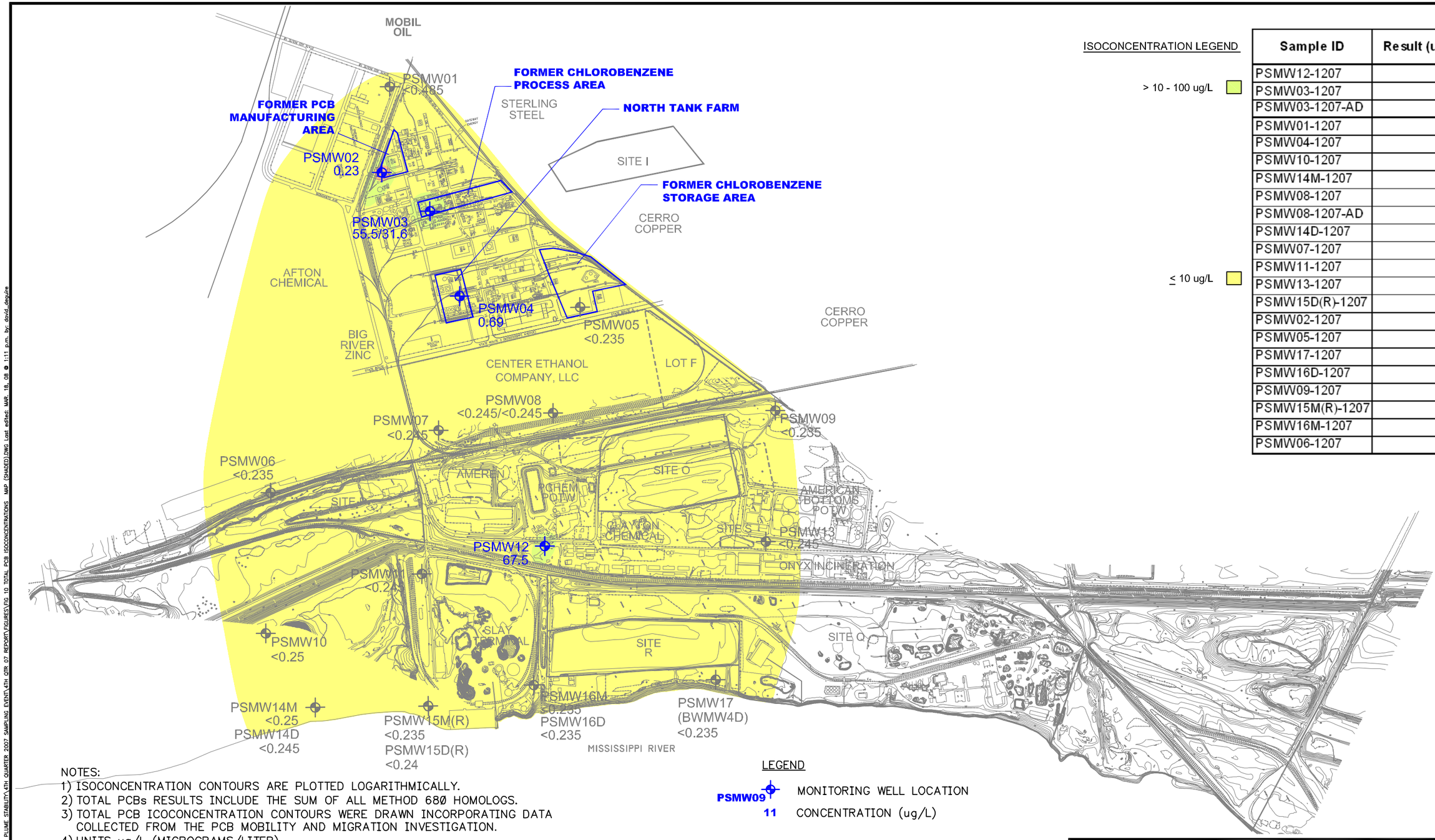
URS

DRN. BY: djd 3/17/08
DSGN. BY: wh
CHKD. BY: wh

4Q07 p-Chloroaniline Isoconcentrations

FIG. NO. 9

File: P:\ENVIRONMENTAL\21561818 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG 9 P-CHLOROANILINE ISOCONCENTRATION MAP (SHADED).DWG Last edited: MAR. 17, 08 @ 3:57 p.m. by: curt_smith



ISOCONCENTRATION LEGEND

> 10 - 100 ug/L

≤ 10 ug/L

Sample ID	Result (ug/L)
PSMW12-1207	67.5
PSMW03-1207	55.5
PSMW03-1207-AD	31.6
PSMW01-1207	ND
PSMW04-1207	0.69
PSMW10-1207	ND
PSMW14M-1207	ND
PSMW08-1207	ND
PSMW08-1207-AD	ND
PSMW14D-1207	ND
PSMW07-1207	ND
PSMW11-1207	ND
PSMW13-1207	ND
PSMW15D(R)-1207	ND
PSMW02-1207	0.23
PSMW05-1207	ND
PSMW17-1207	ND
PSMW16D-1207	ND
PSMW09-1207	ND
PSMW15M(R)-1207	ND
PSMW16M-1207	ND
PSMW06-1207	ND

NOTES:
1) ISOCONCENTRATION CONTOURS ARE PLOTTED LOGARITHMICALLY.
2) TOTAL PCBs RESULTS INCLUDE THE SUM OF ALL METHOD 680 HOMOLOGS.
3) TOTAL PCB ICOCONCENTRATION CONTOURS WERE DRAWN INCORPORATING DATA COLLECTED FROM THE PCB MOBILITY AND MIGRATION INVESTIGATION.
4) UNITS ug/L (MICROGRAMS/LITER).
5) WELLS SHOWN IN GRAY SCALE ARE NON-DETECT FOR THE SPECIFIC CONSTITUENT.
6) FOR NON-DETECTS, VALUES USED FOR ISOCONCENTRATION CONTOURS ARE SHOWN AT HALF OF THE HIGHEST REPORTING LIMIT FOR ONE OF THE METHOD 680 HOMOLOGS.
7) MONITORING WELLS ARE SCREENED IN COMBINATIONS OF THE SHALLOW, MIDDLE, AND DEEP HYDROGEOLOGIC UNITS. FOR PRESENTATION PURPOSES, DATA FROM ALL WELLS ARE SHOWN.
8) FOR NESTED WELL LOCATIONS, CONTOURS ARE BASED ON THE HIGHEST VALUE.

LEGEND

PSMW09 MONITORING WELL LOCATION

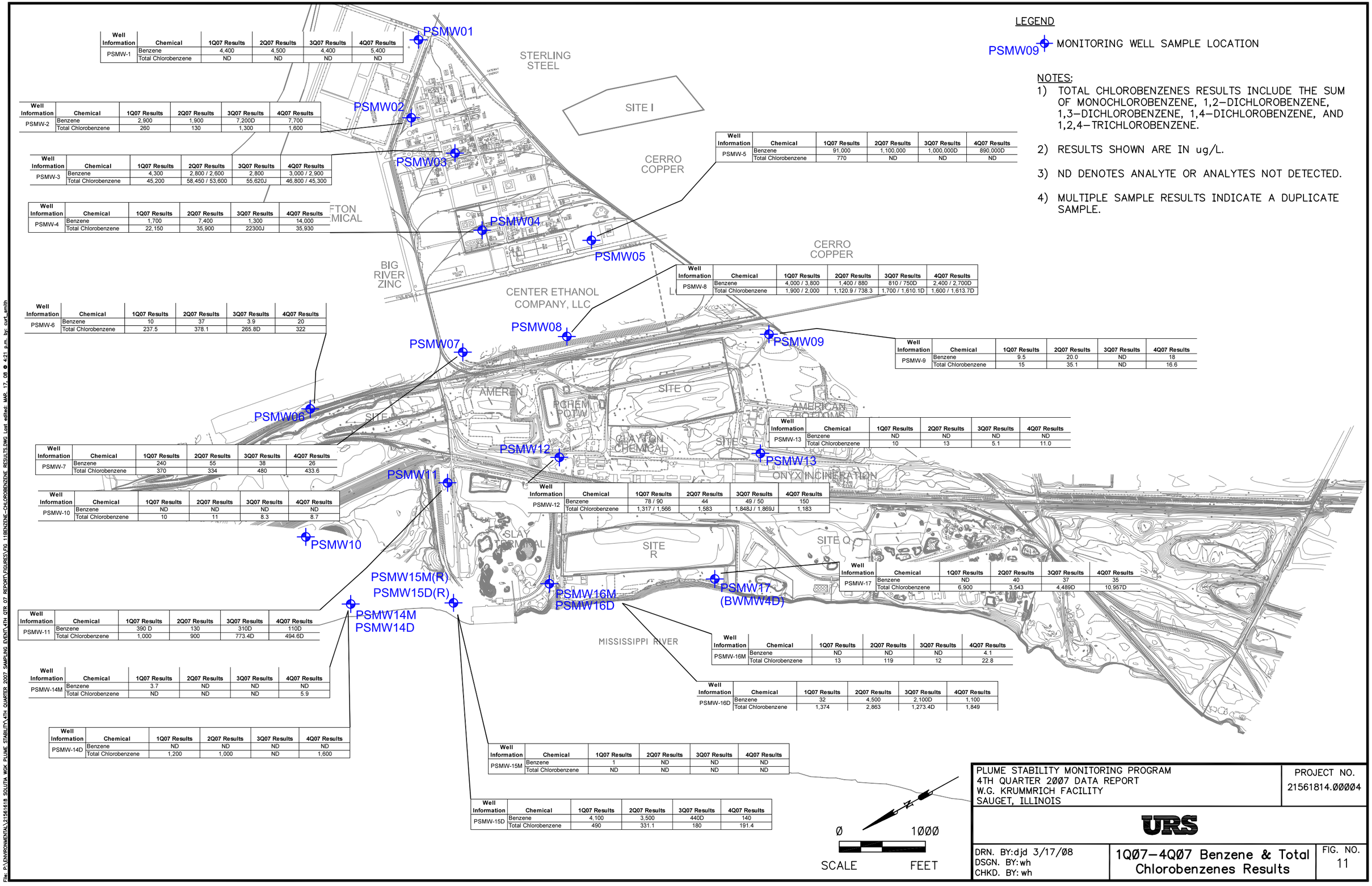
11 CONCENTRATION (ug/L)

Ø 1ØØØ

SCALE FEET

PLUME STABILITY MONITORING PROGRAM 4TH QUARTER 2ØØ7 DATA REPORT W.G. KRUMMRICH FACILITY SAUGET, ILLINOIS		PROJECT NO. 21561814.ØØØØ4
URS		
DRN. BY:djd 3/17/ØØ DSGN. BY:wh CHKD. BY:wh	4QØ7 Total PCBs Isoconcentrations	FIG. NO. 1Ø

File: P:\ENVIRONMENTAL\21561819 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG 10 TOTAL PCB ISOCONCENTRATIONS MAP (SHADED).DWG Last edited: MAR. 18, 08 @ 1:11 p.m. by: david.deguire



Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-1	Benzene	4,400	4,500	4,400	5,400
	Total Chlorobenzene	ND	ND	ND	ND

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-2	Benzene	2,900	1,900	7,200D	7,700
	Total Chlorobenzene	260	130	1,300	1,600

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-3	Benzene	4,300	2,800 / 2,600	2,800	3,000 / 2,900
	Total Chlorobenzene	45,200	58,450 / 53,600	55,620J	46,800 / 45,300

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-4	Benzene	1,700	7,400	1,300	14,000
	Total Chlorobenzene	22,150	35,900	22300J	35,930

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-5	Benzene	91,000	1,100,000	1,000,000D	890,000D
	Total Chlorobenzene	770	ND	ND	ND

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-6	Benzene	10	37	3.9	20
	Total Chlorobenzene	237.5	378.1	265.8D	322

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-7	Benzene	240	55	38	26
	Total Chlorobenzene	370	334	480	433.6

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-8	Benzene	4,000 / 3,800	1,400 / 880	810 / 750D	2,400 / 2,700D
	Total Chlorobenzene	1,900 / 2,000	1,120.9 / 738.3	1,700 / 1,610.1D	1,600 / 1,613.7D

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-9	Benzene	9.5	20.0	ND	18
	Total Chlorobenzene	15	35.1	ND	16.6

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-10	Benzene	ND	ND	ND	ND
	Total Chlorobenzene	10	11	8.3	8.7

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-11	Benzene	390 D	130	310D	110D
	Total Chlorobenzene	1,000	900	773.4D	494.6D

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-12	Benzene	78 / 90	44	49 / 50	150
	Total Chlorobenzene	1,317 / 1,566	1,583	1,848J / 1,869J	1,183

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-13	Benzene	ND	ND	ND	ND
	Total Chlorobenzene	10	13	5.1	11.0

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-14M	Benzene	3.7	ND	ND	ND
	Total Chlorobenzene	ND	ND	ND	5.9

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-14D	Benzene	ND	ND	ND	ND
	Total Chlorobenzene	1,200	1,000	ND	1,600

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-15M	Benzene	1	ND	ND	ND
	Total Chlorobenzene	ND	ND	ND	ND

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-15D	Benzene	4,100	3,500	440D	140
	Total Chlorobenzene	490	331.1	180	191.4

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-16M	Benzene	ND	ND	ND	4.1
	Total Chlorobenzene	13	119	12	22.8

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-16D	Benzene	32	4,500	2,100D	1,100
	Total Chlorobenzene	1,374	2,863	1,273.4D	1,849

Well Information	Chemical	1Q07 Results	2Q07 Results	3Q07 Results	4Q07 Results
PSMW-17	Benzene	ND	40	37	35
	Total Chlorobenzene	6,900	3,543	4,489D	10,957D

LEGEND

PSMW09 MONITORING WELL SAMPLE LOCATION

NOTES:

1) TOTAL CHLOROBENZENES RESULTS INCLUDE THE SUM OF MONOCHLOROBENZENE, 1,2–DICHLOROBENZENE, 1,3–DICHLOROBENZENE, 1,4–DICHLOROBENZENE, AND 1,2,4–TRICHLOROBENZENE.
2) RESULTS SHOWN ARE IN ug/L.
3) ND DENOTES ANALYTE OR ANALYTES NOT DETECTED.
4) MULTIPLE SAMPLE RESULTS INDICATE A DUPLICATE SAMPLE.

PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21561814.00004

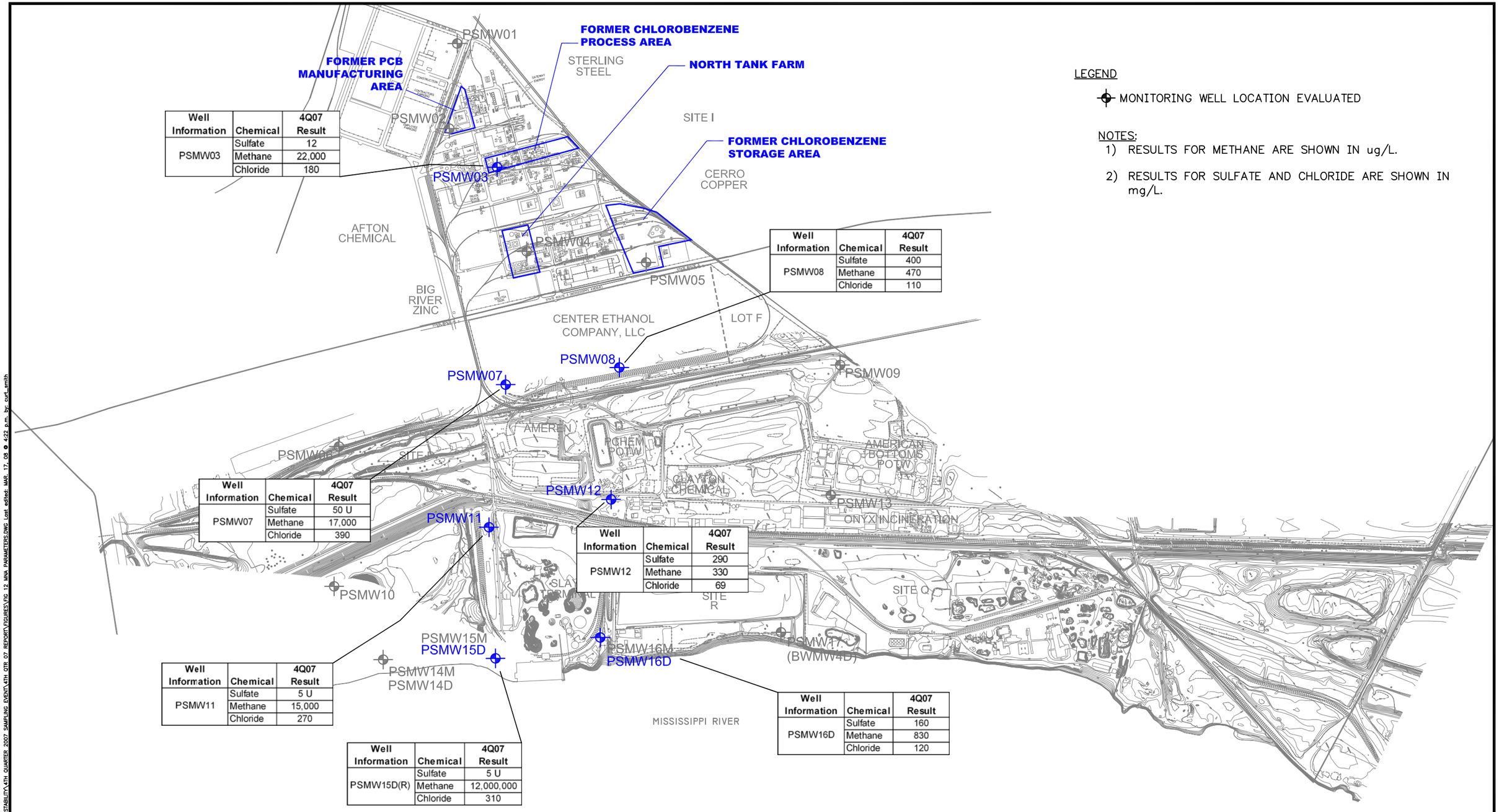
URS

DRN. BY:djd 3/17/08
DSGN. BY:wh
CHKD. BY:wh

1Q07–4Q07 Benzene & Total Chlorobenzenes Results

FIG. NO. 11

File: P:\ENVIRONMENTAL\21561618 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG 11BENZENE-CHLOROBENZENE RESULTS.DWG Last edited: MAR. 17, 08 @ 4:21 p.m. by: curt_smith



Well Information	Chemical	4Q07 Result
PSMW03	Sulfate	12
	Methane	22,000
	Chloride	180

Well Information	Chemical	4Q07 Result
PSMW08	Sulfate	400
	Methane	470
	Chloride	110

Well Information	Chemical	4Q07 Result
PSMW07	Sulfate	50 U
	Methane	17,000
	Chloride	390

Well Information	Chemical	4Q07 Result
PSMW12	Sulfate	290
	Methane	330
	Chloride	69

Well Information	Chemical	4Q07 Result
PSMW11	Sulfate	5 U
	Methane	15,000
	Chloride	270

Well Information	Chemical	4Q07 Result
PSMW15D(R)	Sulfate	5 U
	Methane	12,000,000
	Chloride	310

Well Information	Chemical	4Q07 Result
PSMW16D	Sulfate	160
	Methane	830
	Chloride	120

LEGEND

⊕ MONITORING WELL LOCATION EVALUATED

NOTES:

1) RESULTS FOR METHANE ARE SHOWN IN ug/L.
2) RESULTS FOR SULFATE AND CHLORIDE ARE SHOWN IN mg/L.

PLUME STABILITY MONITORING PROGRAM
4TH QUARTER 2007 DATA REPORT
W.G. KRUMMRICH FACILITY
SAUGET, ILLINOIS

PROJECT NO. 21561814.00004

URS

DRN. BY: djd 3/17/08
DSGN. BY: mpm
CHKD. BY: wh

4Q07 Monitored Natural Attenuation Results

FIG. NO. 12

File: P:\ENVIRONMENTAL\21561618 SOLUTIA WGK PLUME STABILITY\4TH QUARTER 2007 SAMPLING EVENT\4TH QTR 07 REPORT\FIGURES\FIG. 12 MNA PARAMETERS.DWG Last edited: MAR. 17, 08 @ 4:22 p.m. by: curt_smith

Tables

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See last page of table for notes.

Table 1
Monitoring Well Gauging Information

Well ID	Construction Details						December 6-7, 2007				Area
	Ground Elevation (feet)*	Casing Elevation (feet)*	Depth to Top of Screen (feet bgs)**	Depth to Bottom of Screen (feet bgs)**	Top of Screen Elevation (feet)*	Bottom of Screen Elevation (feet)*	Depth to Water (feet) ***	Depth to Product (feet) ***	Depth to Bottom (feet)***	Water Elevation (feet)*	
Shallow Hydrogeologic Unit (SHU 395-380 feet NAVD 88)											
B-22A	424.98	426.75	27.8	32.8	397.18	392.18	NG	NG	NG	NG	Site R
B-24A	421.07	421.04	20.3	25.3	400.77	395.77	20.70	--	29.28	400.34	Site R
B-25A	425.31	427.07	28	33	397.31	392.31	31.34	--	37.17	395.73	Site R
B-25B	424.13	426.06	37.3	47.3	386.83	376.83	39.07	--	51.76	386.99	Site R
B-28A	420.91	421.71	25.3	30.3	395.61	390.61	NG	NG	NG	NG	Site R
B-29A	426.15	428.04	26	31	400.15	395.15	33.37	--	35.41	394.67	Site R
B-29B	425.64	427.63	37.3	47.3	388.34	378.34	41.08	--	51.47	386.55	Site R
CA-3	412.62	414.55	15	25	397.62	387.62	20.42	--	27.66	394.13	WGK
GM-1	410.13	411.57	19	34	391.13	376.13	18.40	--	36.18	393.17	WGK
GM-2	413.83	416.23	26	41	387.83	372.83	24.31	--	42.48	391.92	WGK
GM-5	411.56	413.63	21	36	390.56	375.56	23.38	--	38.49	390.25	Lot F
GM-7	411.66	413.60	21	36	390.66	375.66	20.63	--	36.12	392.97	Lot F
GM-8	415.14	417.19	19	34	396.14	381.14	26.13	--	NG	391.06	Lot F
GM-9A	411.21	413.24	13	28	398.21	383.21	18.14	--	29.48	395.10	WGK
GM-11	409.74	411.93	10	21	399.74	388.74	16.23	--	27.65	395.70	WGK
GM-15	411.04	412.71	15	38	396.04	373.04	18.94	--	41.01	393.77	WGK
GM-31A	416.09	417.31	19	39	397.09	377.09	26.42	--	40.88	390.89	Lot F
GM-33	408.26	409.72	5	25	403.26	383.26	17.70	--	22.64	392.02	WGK
GM-46	411.49	413.80	5	25	406.49	386.49	17.38	--	29.26	396.42	WGK
GM-59A	410.28	412.25	19	39	391.28	371.28	21.42	--	41.50	390.83	Lot F
GM-60A	412.23	414.24	18	38	394.23	374.23	26.28	--	40.50	387.96	Sauget Area 2
GWE-1S (PIEZ-1S)	412.80	415.69	13	23	399.80	389.80	dry	--	23.40	--	Sauget Area 2
GWE-2S (PIEZ-2S)	417.45	417.10	17	27	400.45	390.45	dry	--	26.46	--	Sauget Area 2
GWE-4S (TRA3-PZASHU)	406.16	405.75	20	30	386.16	376.16	15.99	--	28.48	389.76	WGK
GWE-7S (TRA1-PZBSHU)	411.59	411.18	23	33	388.59	378.59	17.44	--	29.08	393.74	WGK
GWE-10S (PIEZ-6S)	410.15	412.88	17	27	393.15	383.15	21.64	--	29.20	391.24	Lot F
GWE-14S (TRA5-PZCSHU)	420.41	422.85	35	45	385.41	375.41	36.41	--	47.40	386.44	WGK
PSMW05	409.49	412.31	19.68	24.86	389.63	384.63	20.15	--	27.31	392.16	WGK
Middle Hydrogeologic Unit (MHU 380-350 feet NAVD 88)											
B-24C	421.34	421.34	56.8	66.8	364.54	354.54	34.42	--	70.58	386.92	Site R
B-28B	420.61	421.38	37.3	47.3	383.31	373.31	35.44	--	51.47	385.94	Site R
GM-60B	412.56	414.88	52	72	360.56	340.56	26.93	--	74.68	387.95	Sauget Area 2
GWE-4M (TRA3-PZAMHU)	406.08	405.66	43	49	363.08	357.08	15.92	--	48.10	389.74	WGK
GWE-7M (TRA1-PZBMHU)	411.55	411.09	43	49	368.55	362.55	17.52	--	48.02	393.57	WGK
GWE-14M (TRA5-PZCMHU)	420.52	422.93	59	65	361.52	355.52	36.46	--	66.87	386.47	WGK
GWE-15M (TRA3-PZCMHU)	409.64	409.32	53	59	356.64	350.64	NG	NG	NG	NG	WGK
GWE-15S (TRA3-PZCSHU)	409.32	408.86	29	39	380.32	370.32	NG	NG	NG	NG	WGK
PSMW01	409.37	412.59	34.56	39.56	374.81	369.81	18.65	--	46.05	393.94	WGK
PSMW14M	410.84	412.98	40.36	45.36	370.48	365.48	30.75	--	49.65	382.23	WGK
PSMW15M(R)	Not Surveyed	Not Surveyed	50.05	55.05	--	--	36.88	--	55.05	****	WGK
PSMW16M	425.00	424.73	58.49	63.49	366.51	361.51	42.09	--	63.21	382.64	WGK
TRA5-PZBMHU	418.33	421.35	59	65	359.33	353.33	34.70	--	67.20	386.65	WGK

US EPA ARCHIVE DOCUMENT

See last page of table for notes.

Table 1
Monitoring Well Gauging Information

Well ID	Construction Details						December 6-7, 2007				Area
	Ground Elevation (feet)*	Casing Elevation (feet)*	Depth to Top of Screen (feet bgs)**	Depth to Bottom of Screen (feet bgs)**	Top of Screen Elevation (feet)*	Bottom of Screen Elevation (feet)*	Depth to Water (feet) ***	Depth to Product (feet) ***	Depth to Bottom (feet)***	Water Elevation (feet)*	
Deep Hydrogeologic Unit (DHU 350 feet NAVD 88 - Bedrock)											
DNAPL-K-1	413.07	415.56	108.2	123.2	304.87	289.87	21.61	--	123.14	393.95	WGK
DNAPL-K-2	407.94	407.72	97.63	112.63	310.31	295.31	14.65	--	112.40	393.07	WGK
DNAPL-K-3	412.13	411.91	104.8	119.8	307.33	292.33	18.50	--	119.29	393.41	WGK
DNAPL-K-4	409.48	409.15	102.55	117.55	306.93	291.93	16.10	--	117.03	393.05	WGK
DNAPL-K-5	412.27	411.91	102.15	117.15	310.12	295.12	18.55	--	116.52	393.36	WGK
DNAPL-K-6	410.43	410.09	102.47	117.47	307.96	292.96	17.36	--	116.87	392.73	WGK
DNAPL-K-7	408.32	407.72	100.4	115.4	307.92	292.92	15.21	--	115.36	392.51	WGK
DNAPL-K-8	408.56	411.38	102.65	117.65	305.91	290.91	19.49	--	117.56	391.89	WGK
DNAPL-K-9	Not Surveyed	Not Surveyed	97.42	112.42	--	--	NG	NG	NG	NG	WGK
DNAPL-K-10	413.50	413.25	105.43	120.43	308.07	293.07	19.66	--	120.16	393.59	WGK
DNAPL-K-11	412.20	411.78	105.46	120.46	306.74	291.74	19.49	--	120.20	392.29	WGK
GM-9B	409.81	411.55	55	75	354.81	334.81	18.40	--	74.30	393.15	WGK
GM-9C	409.54	411.21	88	108	321.54	301.54	18.34	--	109.80	392.87	WGK
GM-12B	412.84	415.51	69	89	343.84	323.84	21.55	--	90.70	393.96	WGK
GM-12C	412.91	415.76	94	114	318.91	298.91	21.80	--	115.65	393.96	WGK
GM-27B	421.75	424.71	62	82	359.75	339.75	43.95	--	84.90	380.76	Site R
GM-27C	421.70	425.42	85	105	336.70	316.70	44.53	--	107.56	380.89	Site R
GM-31B	417.40	417.61	65.5	85.5	351.90	331.90	27.14	--	86.59	390.47	Lot F
GM-31C	417.05	417.97	97	117	320.05	300.05	27.36	--	120.69	390.61	Lot F
GWE-1M (PIEZ-1M)	412.80	415.45	67	77	345.80	335.80	34.34	--	79.41	381.11	Sauget Area 2
GWE-1D (PIEZ-1D)	412.80	415.60	117	127	295.80	285.80	34.42	--	128.63	381.18	Sauget Area 2
GWE-2M (PIEZ-2M)	417.45	417.14	68	78	349.45	339.45	32.78	--	77.50	384.36	Sauget Area 2
GWE-2D (PIEZ-2D)	417.45	417.14	127	137	290.45	280.45	32.66	--	136.69	384.48	Sauget Area 2
GWE-4D (TRA3-PZADHU)	406.05	405.74	74	80	332.05	326.05	16.00	--	78.80	389.74	WGK
GWE-7D (TRA1-PZBDHU)	411.56	411.30	77	83	334.56	328.56	17.72	--	96.79	393.58	WGK
GWE-10M (PIEZ-6M)	410.15	412.78	62	72	348.15	338.15	21.52	--	74.38	391.26	Lot F
GWE-10D (PIEZ-6D)	410.15	412.87	102.5	112.5	307.65	297.65	21.57	--	114.88	391.30	Lot F
GWE-14D (TRA5-PZCDHU)	420.47	422.90	90	96	330.47	324.47	36.67	--	96.79	386.23	WGK
GWE-15D (TRA3-PZCDHU)	409.52	409.18	82	88	327.52	321.52	NG	NG	NG	NG	WGK
MW-3B	411.24	413.47	60	80	351.24	331.24	23.64	--	82.12	389.83	Lot F
MW-5B	411.71	414.19	60	80	351.71	331.71	23.84	--	79.68	390.35	Lot F
MW-5C	411.42	413.77	85	105	326.42	306.42	23.84	--	107.20	389.93	Lot F
PSMW02	411.22	410.88	68.84	73.84	342.38	337.38	17.53	--	73.33	393.35	WGK
PSMW03	408.62	408.32	66.12	71.12	342.50	337.50	14.98	--	70.81	393.34	WGK
PSMW04	408.51	408.20	99.96	104.96	308.55	303.55	16.59	--	106.32	391.61	WGK
PSMW06	404.11	406.63	99.80	104.80	304.31	299.31	16.94	--	109.96	389.69	WGK
PSMW07	Not Surveyed	Not Surveyed	101.90	106.90	--	--	24.68	--	117.94	****	WGK
PSMW08	412.00	415.13	65.79	70.79	346.21	341.21	24.62	--	77.02	390.51	WGK
PSMW09	403.92	403.52	100.40	105.40	303.52	298.52	12.56	--	105.25	390.96	WGK
PSMW10	409.63	412.18	101.23	106.23	308.40	303.40	26.48	--	111.39	385.70	WGK
PSMW11	421.57	421.20	116.44	121.44	305.13	300.13	34.07	--	122.32	387.13	WGK
PSMW12	412.91	415.74	104.80	109.80	308.11	303.11	27.52	--	114.95	388.22	WGK
PSMW13	405.80	405.53	106.08	111.08	299.72	294.72	17.25	--	110.92	388.28	WGK
PSMW14D	411.03	413.15	105.51	110.51	305.52	300.52	31.64	--	114.81	381.51	WGK
PSMW15D(R)	Not Surveyed	Not Surveyed	116.25	120.85	--	--	36.62	--	120.93	****	WGK
PSMW16D	425.00	424.69	118.54	123.54	306.46	301.46	39.31	--	123.34	385.38	WGK
PSMW17 (BWMW-4D)	420.22	423.26	121.25	126.25	298.97	293.97	41.68	--	134.23	381.58	WGK
TRA5-PZBDHU	418.38	421.25	88	94	330.38	324.38	34.50	--	95.10	386.75	WGK

Note:

* Elevation based upon North American Vertical Datum (NAVD) 88 datum.

** Feet below ground surface (feet bgs).

*** Depth is measured from top of casing.

**** PSMW15M(R) and PSMW15D(R) replacement wells for PSMW15M and PSMW15D respectively were installed in June, 2007 (2Q07). The wells will be surveyed during 1Q08 in conjunction with two wells (DNAPL-K-9 and PSMW07) located on the Center Ethanol Company, LLC property.

NG denotes groundwater level not gauged.

See last page of table for notes.

Table 2
Groundwater Analytical Detections

Sample ID	Sample Date	Chemical Group	Chemical	Result	Units	Lab Qualifiers	URS Qualifiers
PSMW01-1207	12/14/07	VOCs	Benzene	5,400	ug/L		
PSMW01-1207	12/14/07	VOCs	Ethylbenzene	1,700	ug/L		
PSMW01-1207	12/14/07	VOCs	Toluene	260	ug/L		
PSMW01-1207	12/14/07	VOCs	Xylenes, Total	2,500	ug/L		
PSMW01-1207	12/14/07	SVOCs	2,4-Dimethylphenol	13	ug/L		
PSMW01-1207	12/14/07	SVOCs	2-Methylnaphthalene	85	ug/L		
PSMW01-1207	12/14/07	SVOCs	Naphthalene	150	ug/L		
PSMW01-1207	12/14/07	SVOCs	Phenol	57	ug/L		
PSMW01-1207	12/14/07	Metals	Barium	1.1	mg/L		
PSMW02-1207	12/20/07	VOCs	Benzene	7,700	ug/L		
PSMW02-1207	12/20/07	VOCs	Chlorobenzene	1,600	ug/L		
PSMW02-1207	12/20/07	VOCs	Xylenes, Total	130	ug/L		
PSMW02-1207	12/20/07	SVOCs	P-Chloroaniline	140	ug/L		
PSMW02-1207	12/20/07	SVOCs	Phenol	94	ug/L		
PSMW02-1207	12/20/07	PCBs	Dichlorobiphenyl	0.11	ug/L		J
PSMW02-1207	12/20/07	PCBs	Monochlorobiphenyl	0.12	ug/L		J
PSMW02-1207	12/20/07	Metals	Barium	1.2	mg/L		
PSMW03-1207	12/17/07	VOCs	1,2-Dichlorobenzene	21,000	ug/L		
PSMW03-1207	12/17/07	VOCs	1,3-Dichlorobenzene	1,300	ug/L		
PSMW03-1207	12/17/07	VOCs	1,4-Dichlorobenzene	11,000	ug/L		
PSMW03-1207	12/17/07	VOCs	Benzene	3,000	ug/L		
PSMW03-1207	12/17/07	VOCs	Chlorobenzene	12,000	ug/L		
PSMW03-1207	12/17/07	SVOCs	1,1'-Biphenyl	66	ug/L		
PSMW03-1207	12/17/07	SVOCs	1,2,4-Trichlorobenzene	1,500	ug/L	D	J
PSMW03-1207	12/17/07	SVOCs	2,4-Dichlorophenol	53	ug/L		
PSMW03-1207	12/17/07	SVOCs	2,4-Dimethylphenol	13	ug/L		
PSMW03-1207	12/17/07	SVOCs	2-Chlorophenol	25	ug/L		
PSMW03-1207	12/17/07	SVOCs	Naphthalene	21	ug/L		
PSMW03-1207	12/17/07	SVOCs	Nitrobenzene	10	ug/L		
PSMW03-1207	12/17/07	SVOCs	P-Chloroaniline	410	ug/L	D	
PSMW03-1207	12/17/07	SVOCs	Phenol	14	ug/L		
PSMW03-1207	12/17/07	PCBs	Dichlorobiphenyl	3.1	ug/L		
PSMW03-1207	12/17/07	PCBs	Heptachlorobiphenyl	7.2	ug/L		
PSMW03-1207	12/17/07	PCBs	Hexachlorobiphenyl	13	ug/L		J
PSMW03-1207	12/17/07	PCBs	Monochlorobiphenyl	2	ug/L		
PSMW03-1207	12/17/07	PCBs	Pentachlorobiphenyl	12	ug/L		J
PSMW03-1207	12/17/07	PCBs	Tetrachlorobiphenyl	11	ug/L		
PSMW03-1207	12/17/07	PCBs	Trichlorobiphenyl	7.2	ug/L		J
PSMW03-1207	12/17/07	Pesticides	gamma-BHC (Lindane)	0.14	ug/L	P	J
PSMW03-1207	12/17/07	Herbicides	2,4,5-T	2.4	ug/L	P	
PSMW03-1207	12/17/07	Metals	Barium	0.22	mg/L		
PSMW03-1207	12/17/07	Metals	Vanadium	0.066	mg/L		
PSMW03-1207	12/17/07	Metals	Zinc	0.025	mg/L		

US EPA ARCHIVE DOCUMENT

See last page of table for notes.

Table 2
Groundwater Analytical Detections

Sample ID	Sample Date	Chemical Group	Chemical	Result	Units	Lab Qualifiers	URS Qualifiers
PSMW03-1207-AD	12/17/07	VOCs	1,2-Dichlorobenzene	20,000	ug/L		
PSMW03-1207-AD	12/17/07	VOCs	1,3-Dichlorobenzene	1,300	ug/L		
PSMW03-1207-AD	12/17/07	VOCs	1,4-Dichlorobenzene	11,000	ug/L		
PSMW03-1207-AD	12/17/07	VOCs	Benzene	2,900	ug/L		
PSMW03-1207-AD	12/17/07	VOCs	Chlorobenzene	12,000	ug/L		
PSMW03-1207-AD	12/17/07	SVOCs	1,2,4-Trichlorobenzene	1,000	ug/L		J
PSMW03-1207-AD	12/17/07	SVOCs	P-Chloroaniline	300	ug/L		
PSMW03-1207-AD	12/17/07	PCBs	Dichlorobiphenyl	2.8	ug/L		
PSMW03-1207-AD	12/17/07	PCBs	Heptachlorobiphenyl	4.2	ug/L		
PSMW03-1207-AD	12/17/07	PCBs	Hexachlorobiphenyl	2.6	ug/L		J
PSMW03-1207-AD	12/17/07	PCBs	Monochlorobiphenyl	2	ug/L		
PSMW03-1207-AD	12/17/07	PCBs	Pentachlorobiphenyl	8.1	ug/L		J
PSMW03-1207-AD	12/17/07	PCBs	Tetrachlorobiphenyl	7.5	ug/L		
PSMW03-1207-AD	12/17/07	PCBs	Trichlorobiphenyl	4.4	ug/L		J
PSMW03-1207-AD	12/17/07	Pesticides	gamma-BHC (Lindane)	0.16	ug/L	P	
PSMW03-1207-AD	12/17/07	Herbicides	2,4,5-T	1.5	ug/L	P	
PSMW03-1207-AD	12/17/07	Metals	Barium	0.22	mg/L		
PSMW03-1207-AD	12/17/07	Metals	Vanadium	0.067	mg/L		
PSMW03-1207-AD	12/17/07	Metals	Zinc	0.023	mg/L		
PSMW04-1207	12/17/07	VOCs	1,2-Dichlorobenzene	910	ug/L		
PSMW04-1207	12/17/07	VOCs	1,3-Dichlorobenzene	320	ug/L		
PSMW04-1207	12/17/07	VOCs	1,4-Dichlorobenzene	7,700	ug/L		
PSMW04-1207	12/17/07	VOCs	Benzene	14,000	ug/L		
PSMW04-1207	12/17/07	VOCs	Chlorobenzene	27,000	ug/L		
PSMW04-1207	12/17/07	SVOCs	2-Chlorophenol	39	ug/L		
PSMW04-1207	12/17/07	SVOCs	P-Chloroaniline	86	ug/L		
PSMW04-1207	12/17/07	SVOCs	Phenol	63	ug/L		
PSMW04-1207	12/17/07	PCBs	Monochlorobiphenyl	0.69	ug/L		
PSMW04-1207	12/17/07	Metals	Barium	1.1	mg/L		
PSMW05-1207	12/17/07	VOCs	Benzene	890,000	ug/L	D	
PSMW05-1207	12/17/07	SVOCs	Naphthalene	20	ug/L		
PSMW05-1207	12/17/07	SVOCs	Phenol	56	ug/L		
PSMW05-1207	12/17/07	Metals	Arsenic	0.023	mg/L		
PSMW05-1207	12/17/07	Metals	Barium	0.4	mg/L		
PSMW06-1207	12/14/07	VOCs	1,2-Dichlorobenzene	12	ug/L		
PSMW06-1207	12/14/07	VOCs	1,4-Dichlorobenzene	50	ug/L		
PSMW06-1207	12/14/07	VOCs	Benzene	20	ug/L		
PSMW06-1207	12/14/07	VOCs	Chlorobenzene	260	ug/L		
PSMW06-1207	12/14/07	Metals	Arsenic	0.016	mg/L		
PSMW06-1207	12/14/07	Metals	Barium	0.053	mg/L		
PSMW06-1207	12/14/07	Metals	Cobalt	0.038	mg/L		
PSMW06-1207	12/14/07	Metals	Zinc	22	mg/L		
PSMW07-1207	12/12/07	VOCs	1,2-Dichlorobenzene	6.1	ug/L		
PSMW07-1207	12/12/07	VOCs	1,4-Dichlorobenzene	7.5	ug/L		
PSMW07-1207	12/12/07	VOCs	Benzene	26	ug/L		
PSMW07-1207	12/12/07	VOCs	Chlorobenzene	420	ug/L		
PSMW07-1207	12/12/07	SVOCs	P-Chloroaniline	250	ug/L	D	
PSMW07-1207	12/12/07	Metals	Barium	1.2	mg/L		

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See last page of table for notes.

Table 2
Groundwater Analytical Detections

Sample ID	Sample Date	Chemical Group	Chemical	Result	Units	Lab Qualifiers	URS Qualifiers
PSMW08-1207	12/12/07	VOCs	Benzene	2,400	ug/L		
PSMW08-1207	12/12/07	VOCs	Chlorobenzene	1,600	ug/L		
PSMW08-1207	12/12/07	SVOCs	1,4-Dioxane	45	ug/L		
PSMW08-1207	12/12/07	SVOCs	2-Chlorophenol	15	ug/L		
PSMW08-1207	12/12/07	SVOCs	Phenol	26	ug/L		
PSMW08-1207	12/12/07	Metals	Barium	0.43	mg/L		
PSMW08-1207-AD	12/12/07	VOCs	1,2-Dichlorobenzene	3.7	ug/L		
PSMW08-1207-AD	12/12/07	VOCs	1,4-Dichlorobenzene	10	ug/L		
PSMW08-1207-AD	12/12/07	VOCs	Benzene	2,700	ug/L	D	
PSMW08-1207-AD	12/12/07	VOCs	Chlorobenzene	1,600	ug/L	D	
PSMW08-1207-AD	12/12/07	VOCs	cis-1,2-Dichloroethene	4.4	ug/L		
PSMW08-1207-AD	12/12/07	VOCs	Vinyl chloride	13	ug/L		
PSMW08-1207-AD	12/12/07	SVOCs	1,4-Dioxane	49	ug/L		
PSMW08-1207-AD	12/12/07	SVOCs	2-Chlorophenol	14	ug/L		
PSMW08-1207-AD	12/12/07	SVOCs	Phenol	18	ug/L		
PSMW08-1207-AD	12/12/07	Metals	Barium	0.43	mg/L		
PSMW09-1207	12/12/07	VOCs	1,2-Dichlorobenzene	3.8	ug/L		
PSMW09-1207	12/12/07	VOCs	1,4-Dichlorobenzene	3.1	ug/L		
PSMW09-1207	12/12/07	VOCs	Benzene	18	ug/L		
PSMW09-1207	12/12/07	VOCs	Chlorobenzene	9.7	ug/L		
PSMW09-1207	12/12/07	Metals	Barium	0.081	mg/L		
PSMW10-1207	12/10/07	VOCs	Chlorobenzene	8.7	ug/L		
PSMW10-1207	12/10/07	Metals	Barium	0.05	mg/L		
PSMW11-1207	12/13/07	VOCs	1,4-Dichlorobenzene	4.6	ug/L		
PSMW11-1207	12/13/07	VOCs	Benzene	110	ug/L	D	
PSMW11-1207	12/13/07	VOCs	Chlorobenzene	490	ug/L	D	
PSMW11-1207	12/13/07	SVOCs	2-Chlorophenol	9.9	ug/L		
PSMW11-1207	12/13/07	SVOCs	P-Chloroaniline	430	ug/L	D	
PSMW11-1207	12/13/07	Metals	Barium	1.7	mg/L		
PSMW12-1207	12/18/07	VOCs	1,3-Dichlorobenzene	13	ug/L		
PSMW12-1207	12/18/07	VOCs	1,4-Dichlorobenzene	300	ug/L		
PSMW12-1207	12/18/07	VOCs	Benzene	150	ug/L		
PSMW12-1207	12/18/07	VOCs	Chlorobenzene	870	ug/L		
PSMW12-1207	12/18/07	VOCs	cis-1,2-Dichloroethene	8.2	ug/L		
PSMW12-1207	12/18/07	VOCs	Vinyl chloride	46	ug/L		
PSMW12-1207	12/18/07	SVOCs	1,4-Dioxane	16	ug/L		
PSMW12-1207	12/18/07	SVOCs	2-Chlorophenol	13	ug/L		
PSMW12-1207	12/18/07	SVOCs	Phenol	9.7	ug/L		
PSMW12-1207	12/18/07	PCBs	Dichlorobiphenyl	7.4	ug/L		
PSMW12-1207	12/18/07	PCBs	Heptachlorobiphenyl	8.3	ug/L		
PSMW12-1207	12/18/07	PCBs	Hexachlorobiphenyl	11	ug/L		
PSMW12-1207	12/18/07	PCBs	Monochlorobiphenyl	18	ug/L		
PSMW12-1207	12/18/07	PCBs	Pentachlorobiphenyl	6.6	ug/L		
PSMW12-1207	12/18/07	PCBs	Tetrachlorobiphenyl	11	ug/L		
PSMW12-1207	12/18/07	PCBs	Trichlorobiphenyl	5.2	ug/L		
PSMW12-1207	12/18/07	Pesticides	gamma-BHC (Lindane)	0.11	ug/L		J
PSMW12-1207	12/18/07	Pesticides	Heptachlor	0.28	ug/L	P	J
PSMW12-1207	12/18/07	Metals	Barium	0.088	mg/L		

US EPA ARCHIVE DOCUMENT

See last page of table for notes.

Table 2
Groundwater Analytical Detections

Sample ID	Sample Date	Chemical Group	Chemical	Result	Units	Lab Qualifiers	URS Qualifiers
PSMW13-1207	12/14/07	VOCs	Chlorobenzene	11	ug/L		
PSMW13-1207	12/14/07	Metals	Barium	0.096	mg/L		
PSMW14M-1207	12/10/07	VOCs	Chlorobenzene	5.9	ug/L		
PSMW14M-1207	12/10/07	Metals	Barium	0.12	mg/L		
PSMW14D-1207	12/10/07	VOCs	Chlorobenzene	1,600	ug/L	D	
PSMW14D-1207	12/10/07	VOCs	cis-1,2-Dichloroethene	1.6	ug/L		
PSMW14D-1207	12/10/07	SVOCs	2-Chlorophenol	11	ug/L		
PSMW14D-1207	12/10/07	Metals	Barium	0.03	mg/L		
PSMW15M(R)-1207	12/13/07	Metals	Barium	0.52	mg/L		
PSMW15D(R)-1207	12/13/07	VOCs	1,2-Dichlorobenzene	1.4	ug/L		
PSMW15D(R)-1207	12/13/07	VOCs	1,2-Dichloroethane	2.7	ug/L		
PSMW15D(R)-1207	12/13/07	VOCs	Benzene	140	ug/L		
PSMW15D(R)-1207	12/13/07	VOCs	Chlorobenzene	190	ug/L		
PSMW15D(R)-1207	12/13/07	Metals	Barium	2.1	mg/L		
PSMW16M-1207	12/11/07	VOCs	1,2-Dichlorobenzene	1.8	ug/L		
PSMW16M-1207	12/11/07	VOCs	Benzene	4.1	ug/L		
PSMW16M-1207	12/11/07	VOCs	Chlorobenzene	21	ug/L		
PSMW16M-1207	12/11/07	VOCs	cis-1,2-Dichloroethene	1.2	ug/L		
PSMW16M-1207	12/11/07	Metals	Barium	0.36	mg/L		
PSMW16D-1207	12/11/07	VOCs	1,4-Dichlorobenzene	49	ug/L		
PSMW16D-1207	12/11/07	VOCs	Benzene	1,100	ug/L		
PSMW16D-1207	12/11/07	VOCs	Chlorobenzene	1,800	ug/L		
PSMW16D-1207	12/11/07	SVOCs	1,4-Dioxane	13	ug/L		
PSMW16D-1207	12/11/07	SVOCs	2-Chlorophenol	14	ug/L		
PSMW16D-1207	12/11/07	SVOCs	Phenol	32	ug/L		
PSMW16D-1207	12/11/07	Metals	Barium	0.11	mg/L		
PSMW17-1207	12/13/07	VOCs	1,2-Dichlorobenzene	9,300	ug/L	D	
PSMW17-1207	12/13/07	VOCs	1,3-Dichlorobenzene	17	ug/L		
PSMW17-1207	12/13/07	VOCs	1,4-Dichlorobenzene	250	ug/L	D	
PSMW17-1207	12/13/07	VOCs	Benzene	35	ug/L		
PSMW17-1207	12/13/07	VOCs	Chlorobenzene	1,200	ug/L	D	
PSMW17-1207	12/13/07	VOCs	cis-1,2-Dichloroethene	1.7	ug/L		
PSMW17-1207	12/13/07	VOCs	Ethylbenzene	12	ug/L		
PSMW17-1207	12/13/07	VOCs	Toluene	21	ug/L		
PSMW17-1207	12/13/07	VOCs	Vinyl chloride	2.7	ug/L		
PSMW17-1207	12/13/07	VOCs	Xylenes, Total	49	ug/L		
PSMW17-1207	12/13/07	SVOCs	1,2,4-Trichlorobenzene	190	ug/L		
PSMW17-1207	12/13/07	SVOCs	2,4-Dichlorophenol	140	ug/L		
PSMW17-1207	12/13/07	SVOCs	P-Chloroaniline	19,000	ug/L	D	
PSMW17-1207	12/13/07	Herbicides	2,4,5-T	1.5	ug/L		
PSMW17-1207	12/13/07	Metals	Barium	0.17	mg/L		

Notes:
mg/L = milligrams per liter
ug/L = micrograms per liter
J = Estimated value
D = Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D
P = The lower of the two values is reported when the % difference between two GC columns is greater than 40%

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See last page of table for notes.

Table 3
Monitored Natural Attenuation Results Summary

Sample ID	Sample Date	Parameter	Result	Units	Lab Qualifiers	URS Qualifiers
PSMW03-1207	12/17/07	Alkalinity	1,200	mg/L		
PSMW03-1207	12/17/07	Carbon dioxide	1	mg/L	U	
PSMW03-1207	12/17/07	Chloride	180	mg/L		
PSMW03-1207	12/17/07	Ethane	67	ug/L		
PSMW03-1207	12/17/07	Ethylene	0.33	ug/L	U	
PSMW03-1207	12/17/07	Ferrous Iron	0.30	ppm		
PSMW03-1207	12/17/07	Iron	2.3	mg/L		
PSMW03-F-1207	12/17/07	Iron, Dissolved	2.2	mg/L		
PSMW03-1207	12/17/07	Manganese	0.16	mg/L		
PSMW03-F-1207	12/17/07	Manganese, Dissolved	0.15	mg/L		
PSMW03-1207	12/17/07	Methane	22,000	ug/L		
PSMW03-1207	12/17/07	Nitrate	0.25	mg/L	U H	
PSMW03-1207	12/17/07	Sulfate as SO4	12	mg/L		
PSMW03-1207	12/17/07	Total Organic Carbon	72	mg/L		
PSMW03-F-1207	12/17/07	Dissolved Organic Carbon	65	mg/L		
PSMW03-1207	12/17/07	Dissolved Oxygen	1.28	mg/L		
PSMW03-1207	12/17/07	Oxidation-Reduction Potential	22.4	mV		
PSMW03-1207	12/17/07	Heterotrophic Plate Count	103	CFU/1mL		
PSMW05-1207	12/17/07	Alkalinity	850	mg/L		
PSMW05-1207	12/17/07	Carbon dioxide	23	mg/L	B	
PSMW05-1207	12/17/07	Chloride	130	mg/L		J
PSMW05-1207	12/17/07	Ethane	0.35	ug/L	U	
PSMW05-1207	12/17/07	Ethylene	0.33	ug/L	U	
PSMW05-1207	12/17/07	Ferrous Iron	2.01	ppm		
PSMW05-1207	12/17/07	Iron	2.2	mg/L		
PSMW05-F-1207	12/17/07	Iron, Dissolved	2.1	mg/L		
PSMW05-1207	12/17/07	Manganese	0.41	mg/L		
PSMW05-F-1207	12/17/07	Manganese, Dissolved	0.41	mg/L		
PSMW05-1207	12/17/07	Methane	7,700	ug/L		
PSMW05-1207	12/17/07	Nitrate	0.05	mg/L	U H	
PSMW05-1207	12/17/07	Sulfate as SO4	50	mg/L	U	
PSMW05-1207	12/17/07	Total Organic Carbon	6.2	mg/L		
PSMW05-F-1207	12/17/07	Dissolved Organic Carbon	5.6	mg/L		
PSMW05-1207	12/17/07	Dissolved Oxygen	0.70	mg/L		
PSMW05-1207	12/17/07	Oxidation-Reduction Potential	30.4	mV		
PSMW05-1207	12/17/07	Heterotrophic Plate Count	40	CFU/1mL		
PSMW07-1207	12/12/07	Alkalinity	720	mg/L		
PSMW07-1207	12/12/07	Carbon dioxide	37	mg/L	B	
PSMW07-1207	12/12/07	Chloride	390	mg/L		
PSMW07-1207	12/12/07	Ethane	27	ug/L		
PSMW07-1207	12/12/07	Ethylene	0.33	ug/L	U	
PSMW07-1207	12/12/07	Ferrous Iron	>5	ppm		
PSMW07-1207	12/12/07	Iron	13	mg/L		
PSMW07-F-1207	12/12/07	Iron, Dissolved	15	mg/L		
PSMW07-1207	12/12/07	Manganese	0.62	mg/L		
PSMW07-F-1207	12/12/07	Manganese, Dissolved	0.75	mg/L		
PSMW07-1207	12/12/07	Methane	17,000	ug/L		
PSMW07-1207	12/12/07	Nitrate	0.05	mg/L	U	
PSMW07-1207	12/12/07	Sulfate as SO4	50	mg/L	U	
PSMW07-1207	12/12/07	Total Organic Carbon	7.9	mg/L		
PSMW07-F-1207	12/12/07	Dissolved Organic Carbon	6.1	mg/L		
PSMW07-1207	12/12/07	Dissolved Oxygen	0.89	mg/L		
PSMW07-1207	12/12/07	Oxidation-Reduction Potential	-20.2	mV		
PSMW07-1207	12/12/07	Heterotrophic Plate Count	89	CFU/1mL		

US EPA ARCHIVE DOCUMENT

See last page of table for notes.

Table 3
Monitored Natural Attenuation Results Summary

Sample ID	Sample Date	Parameter	Result	Units	Lab Qualifiers	URS Qualifiers
PSMW08-1207	12/12/07	Alkalinity	650	mg/L		
PSMW08-1207	12/12/07	Carbon dioxide	28	mg/L	B	
PSMW08-1207	12/12/07	Chloride	110	mg/L		
PSMW08-1207	12/12/07	Ethane	2.4	ug/L		
PSMW08-1207	12/12/07	Ethylene	0.89	ug/L		
PSMW08-1207	12/12/07	Ferrous Iron	3.57	ppm		
PSMW08-1207	12/12/07	Iron	3.8	mg/L		
PSMW08-F-1207	12/12/07	Iron, Dissolved	3.4	mg/L		
PSMW08-1207	12/12/07	Manganese	0.58	mg/L		
PSMW08-F-1207	12/12/07	Manganese, Dissolved	0.54	mg/L		
PSMW08-1207	12/12/07	Methane	470	ug/L		
PSMW08-1207	12/12/07	Nitrate	0.05	mg/L	U	
PSMW08-1207	12/12/07	Sulfate as SO4	400	mg/L		
PSMW08-1207	12/12/07	Total Organic Carbon	5.4	mg/L		
PSMW08-F-1207	12/12/07	Dissolved Organic Carbon	3.7	mg/L		
PSMW08-1207	12/12/07	Dissolved Oxygen	0.42	mg/L		
PSMW08-1207	12/12/07	Oxidation-Reduction Potential	-16.9	mV		
PSMW08-1207	12/12/07	Heterotrophic Plate Count	750	CFU/1mL		
PSMW11-1207	12/13/07	Alkalinity	800	mg/L		
PSMW11-1207	12/13/07	Carbon dioxide	27	mg/L	B	
PSMW11-1207	12/13/07	Chloride	270	mg/L		
PSMW11-1207	12/13/07	Ethane	0.35	ug/L	U	
PSMW11-1207	12/13/07	Ethylene	0.33	ug/L	U	
PSMW11-1207	12/13/07	Ferrous Iron	>5	ppm		
PSMW11-1207	12/13/07	Iron	15	mg/L		
PSMW11-F-1207	12/13/07	Iron, Dissolved	14	mg/L		
PSMW11-1207	12/13/07	Manganese	0.36	mg/L		
PSMW11-F-1207	12/13/07	Manganese, Dissolved	0.35	mg/L		
PSMW11-1207	12/13/07	Methane	15,000	ug/L		
PSMW11-1207	12/13/07	Nitrate	0.05	mg/L	U	
PSMW11-1207	12/13/07	Sulfate as SO4	5	mg/L	U	
PSMW11-1207	12/13/07	Total Organic Carbon	6.8	mg/L		
PSMW11-F-1207	12/13/07	Dissolved Organic Carbon	5.7	mg/L		
PSMW11-1207	12/13/07	Dissolved Oxygen	0.46	mg/L		
PSMW11-1207	12/13/07	Oxidation-Reduction Potential	246.1	mV		
PSMW11-1207	12/13/07	Heterotrophic Plate Count	103	CFU/1mL		
PSMW12-1207	12/18/07	Alkalinity	490	mg/L		
PSMW12-1207	12/18/07	Carbon dioxide	40	mg/L	B	
PSMW12-1207	12/18/07	Chloride	69	mg/L		
PSMW12-1207	12/18/07	Ethane	1.8	ug/L		
PSMW12-1207	12/18/07	Ethylene	3.1	ug/L		
PSMW12-1207	12/18/07	Ferrous Iron	>5	ppm		
PSMW12-1207	12/18/07	Iron	12	mg/L		
PSMW12-F-1207	12/18/07	Iron, Dissolved	12	mg/L		
PSMW12-1207	12/18/07	Manganese	0.63	mg/L		
PSMW12-F-1207	12/18/07	Manganese, Dissolved	0.63	mg/L		
PSMW12-1207	12/18/07	Methane	330	ug/L		
PSMW12-1207	12/18/07	Nitrate	0.05	mg/L	U H	
PSMW12-1207	12/18/07	Sulfate as SO4	290	mg/L		
PSMW12-1207	12/18/07	Total Organic Carbon	3.8	mg/L		
PSMW12-F-1207	12/18/07	Dissolved Organic Carbon	3.6	mg/L		
PSMW12-1207	12/18/07	Dissolved Oxygen	0.96	mg/L		
PSMW12-1207	12/18/07	Oxidation-Reduction Potential	16.2	mV		
PSMW12-1207	12/18/07	Heterotrophic Plate Count	1,110	CFU/1mL		

US EPA ARCHIVE DOCUMENT

See last page of table for notes.

Table 3
Monitored Natural Attenuation Results Summary

Sample ID	Sample Date	Parameter	Result	Units	Lab Qualifiers	URS Qualifiers
PSMW15M(R)-1207	12/13/07	Alkalinity	410	mg/L		
PSMW15M(R)-1207	12/13/07	Carbon dioxide	19	mg/L	B	
PSMW15M(R)-1207	12/13/07	Chloride	72	mg/L		
PSMW15M(R)-1207	12/13/07	Ethane	0.35	ug/L	U	
PSMW15M(R)-1207	12/13/07	Ethylene	0.33	ug/L	U	
PSMW15M(R)-1207	12/13/07	Ferrous Iron	>5	ppm		
PSMW15M(R)-1207	12/13/07	Iron	21	mg/L		
PSMW15M(R)-F-1207	12/13/07	Iron, Dissolved	20	mg/L		
PSMW15M(R)-1207	12/13/07	Manganese	1.5	mg/L		
PSMW15M(R)-F-1207	12/13/07	Manganese, Dissolved	1.4	mg/L		
PSMW15M(R)-1207	12/13/07	Methane	6.6	ug/L		
PSMW15M(R)-1207	12/13/07	Nitrate	0.05	mg/L	U	
PSMW15M(R)-1207	12/13/07	Sulfate as SO4	280	mg/L		
PSMW15M(R)-1207	12/13/07	Total Organic Carbon	1.6	mg/L		
PSMW15M(R)-F-1207	12/13/07	Dissolved Organic Carbon	1.3	mg/L		
PSMW15M(R)-1207	12/13/07	Dissolved Oxygen	0.31	mg/L		
PSMW15M(R)-1207	12/13/07	Oxidation-Reduction Potential	252.3	mV		
PSMW15M(R)-1207	12/13/07	Heterotrophic Plate Count	80	CFU/1mL		
PSMW15D(R)-1207	12/13/07	Alkalinity	830	mg/L		
PSMW15D(R)-1207	12/13/07	Carbon dioxide	36	mg/L	B	
PSMW15D(R)-1207	12/13/07	Chloride	310	mg/L		
PSMW15D(R)-1207	12/13/07	Ethane	18	ug/L		
PSMW15D(R)-1207	12/13/07	Ethylene	0.33	ug/L	U	
PSMW15D(R)-1207	12/13/07	Ferrous Iron	>5	ppm		
PSMW15D(R)-1207	12/13/07	Iron	19	mg/L		
PSMW15D(R)-F-1207	12/13/07	Iron, Dissolved	17	mg/L		
PSMW15D(R)-1207	12/13/07	Manganese	0.50	mg/L		
PSMW15D(R)-F-1207	12/13/07	Manganese, Dissolved	0.45	mg/L		
PSMW15D(R)-1207	12/13/07	Methane	12,000,000	ug/L		
PSMW15D(R)-1207	12/13/07	Nitrate	0.05	mg/L	U	
PSMW15D(R)-1207	12/13/07	Sulfate as SO4	5	mg/L	U	
PSMW15D(R)-1207	12/13/07	Total Organic Carbon	7.2	mg/L		
PSMW15D(R)-F-1207	12/13/07	Dissolved Organic Carbon	5.4	mg/L		
PSMW15D(R)-1207	12/13/07	Dissolved Oxygen	0.85	mg/L		
PSMW15D(R)-1207	12/13/07	Oxidation-Reduction Potential	216.3	mV		
PSMW15D(R)-1207	12/13/07	Heterotrophic Plate Count	590	CFU/1mL		
PSMW16M-1207	12/11/07	Alkalinity	640	mg/L		
PSMW16M-1207	12/11/07	Carbon dioxide	41	mg/L	B	
PSMW16M-1207	12/11/07	Chloride	120	mg/L		
PSMW16M-1207	12/11/07	Ethane	0.35	ug/L	U	
PSMW16M-1207	12/11/07	Ethylene	0.33	ug/L	U	
PSMW16M-1207	12/11/07	Ferrous Iron	> 5	ppm		
PSMW16M-1207	12/11/07	Iron	27	mg/L		
PSMW16M-F-1207	12/11/07	Iron, Dissolved	25	mg/L		
PSMW16M-1207	12/11/07	Manganese	3.3	mg/L		
PSMW16M-F-1207	12/11/07	Manganese, Dissolved	3.2	mg/L		
PSMW16M-1207	12/11/07	Methane	21	ug/L		
PSMW16M-1207	12/11/07	Nitrate	0.05	mg/L	U	
PSMW16M-1207	12/11/07	Sulfate as SO4	80	mg/L		
PSMW16M-1207	12/11/07	Total Organic Carbon	4.8	mg/L		
PSMW16M-F-1207	12/11/07	Dissolved Organic Carbon	3.6	mg/L		
PSMW16M-1207	12/11/07	Dissolved Oxygen	0.35	mg/L		
PSMW16M-1207	12/11/07	Oxidation-Reduction Potential	196.8	mV		
PSMW16M-1207	12/11/07	Heterotrophic Plate Count	36	CFU/1mL	H	

US EPA ARCHIVE DOCUMENT

See last page of table for notes.

Table 3
Monitored Natural Attenuation Results Summary

Sample ID	Sample Date	Parameter	Result	Units	Lab Qualifiers	URS Qualifiers
PSMW16D-1207	12/11/07	Alkalinity	570	mg/L		
PSMW16D-1207	12/11/07	Carbon dioxide	31	mg/L	B	
PSMW16D-1207	12/11/07	Chloride	120	mg/L		
PSMW16D-1207	12/11/07	Ethane	5.4	ug/L		
PSMW16D-1207	12/11/07	Ethylene	0.33	ug/L	U	
PSMW16D-1207	12/11/07	Ferrous Iron	> 5	ppm		
PSMW16D-1207	12/11/07	Iron	8.9	mg/L		
PSMW16D-F-1207	12/11/07	Iron, Dissolved	9.1	mg/L		
PSMW16D-1207	12/11/07	Manganese	0.46	mg/L		
PSMW16D-F-1207	12/11/07	Manganese, Dissolved	0.48	mg/L		
PSMW16D-1207	12/11/07	Methane	830	ug/L		
PSMW16D-1207	12/11/07	Nitrate	0.05	mg/L	U	
PSMW16D-1207	12/11/07	Sulfate as SO4	160	mg/L		
PSMW16D-1207	12/11/07	Total Organic Carbon	5.8	mg/L		
PSMW16D-F-1207	12/11/07	Dissolved Organic Carbon	4.8	mg/L		
PSMW16D-1207	12/11/07	Dissolved Oxygen	0.53	mg/L		
PSMW16D-1207	12/11/07	Oxidation-Reduction Potential	182.7	mV		
PSMW16D-1207	12/11/07	Heterotrophic Plate Count	43	CFU/1mL	H	

Notes:
DO and ORP were measured in the field using a YSI 556 MPS equipped with a flow-through cell.
Ferrous Iron readings were measured in the field using a LaMotte Colorimeter after the groundwater passed through a 0.2 µ filter.
Upon completion of the 4Q07 sampling it was determined that ORP readings were inconsistent with historic data. The instrument was sent in for service where a diagnostic test reported a malfunction with the ORP sensor.
mg/L = milligrams per liter
ug/L = micrograms per liter
U = Indicates the analyte was analyzed for but not detected.
J = Estimated value
B = Compound was found in the blank and sample.
H = Sample was prepped or analyzed beyond the specified holding time.
> = Indicates the sample was over range for the selected analyte.

US EPA ARCHIVE DOCUMENT

Appendix A

Groundwater Purging and Sampling Forms

US EPA ARCHIVE DOCUMENT

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study
PROJECT NUMBER: 21561814.00004
FIELD PERSONNEL: M. Corbett, M.Miller
DATE: 12/14/2007
WEATHER: sunny, 32°
MONITORING WELL ID: PSMW-1
SAMPLE ID: PSMW01-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 46.05 ft
Depth to Water (btoc): 18.93 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 41.00 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 27.12 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	0915	18.94	colorless, cloudy	hydrocarbon-like	7.09	14.12	2.385	55.5	3.76	218.1
500	0920	18.97	"	"	7.16	12.65	2.320	30.5	2.14	213.5
1000	0925	19.03	clear	"	7.09	12.74	2.355	28.2	1.67	212.5
1500	0930	19.00	clear	"	7.03	14.64	2.381	25.7	1.26	208.5
2000	0935	18.99	clear	"	7.09	14.50	2.382	21.2	1.10	207.9
2500	0940	18.97	"	"	7.08	12.89	2.311	20.8	1.01	209.9
3000	0945	19.02	"	"	7.00	14.71	2.333	20.7	0.85	206.6
3500	0950	18.95	"	"	7.06	14.96	2.379	26.1	0.73	206.6
4000	0955	18.95	"	"	7.06	13.41	2.385	18.5	0.65	209.9
4500	1000	18.95	"	"	7.08	13.46	2.356	20.0	0.61	208.0
5000	1005	18.95	"	"	7.08	14.34	2.346	19.3	0.55	207.5

Start Time: ~~0915~~ mc 0915
Stop Time: 1005
Elapsed Time: 50 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/14/2007

SAMPLING DATA

Sample Date: 12/14/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1010
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:
Collected Equipment Blank sample at 1100.
Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M.Miller
DATE: 12/ 20 /2007 WEATHER: rain, 45°
MONITORING WELL ID: PSMW-2 SAMPLE ID: PSMW02-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 73.33 ft
Depth to Water (btoc): 17.72 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 68.84 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 55.61 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.4 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	0933	17.73	colorless, clear	hydrocarbon-like	7.32	13.34	1.257	47.0	1.76	39.3
500	0938	"	"	"	6.94	14.22	2.070	27.1	1.44	38.5
1000	0943	"	"	"	6.83	13.85	2.217	20.6	1.42	37.7
1500	0948	"	"	"	6.79	13.57	2.244	12.6	1.49	37.4
2000	0953	"	"	"	6.87	13.55	2.226	10.0	1.48	38.3
7500	0958	"	"	"	6.88	12.87	2.216	13.4	1.49	37.1

Start Time: 0933
Stop Time: 0958
Elapsed Time: 25 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ 20 /2007

SAMPLING DATA

Sample Date: 12/20/07
Sample Time: 1010
Sample Method: Stainless Steel Monsoon
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, Dissolved PCBs
Date Calibrated: NA

COMMENTS:

Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/ 17 /2007 WEATHER: Sunny, 20°
MONITORING WELL ID: PSMW-3 SAMPLE ID: PSMW03-01207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 70.81 ft
Depth to Water (btoc): 15.35 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 66.12 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 55.46 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.4 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1023	15.38	reddish brown/clear	hydrocarbon-like	9.52	15.28	2.234	22.6	2.03	21.0
500	1028	"	"	"	9.47	15.05	2.415	12.4	1.15	21.5
1000	1033	"	"	"	9.48	16.20	2.405	6.91	1.19	20.8
1500	1038	"	"	"	9.49	15.91	2.377	5.39	1.24	21.1
2000	1043	"	"	"	9.49	15.63	2.359	4.49	1.22	22.2
2500	1048	"	"	"	9.48	15.85	2.368	4.16	1.28	22.4

Start Time: 1023
Stop Time: 1048
Elapsed Time: 25 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ 17 /2007

SAMPLING DATA

Sample Date: 12/17/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1100
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = 0.30 ppm

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/17/2007 WEATHER: sunny, 32°
MONITORING WELL ID: PSMW-4 SAMPLE ID: PSMW04-01207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 106.32 ft
Depth to Water (btoc): 17.00 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 99.96 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 89.32 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1402	17.02	colorless, cloudy	hydrocarbon-like	7.37	16.59	1.630	51.3	10.05	32.3
500	1407	"	"	"	7.21	15.77	1.285	36.6	3.66	32.6
1000	1412	"	"	"	7.12	15.68	1.254	28.1	2.16	33.0
1500	1417	"	clear	"	7.07	15.65	1.261	20.7	1.62	33.0
2000	1422	"	"	"	7.03	17.20	1.285	14.3	1.26	31.6
2500	1427	"	"	"	7.06	17.21	1.271	12.0	0.94	31.5
3000	1432	"	"	"	7.03	17.33	1.265	12.0	0.74	31.1
3500	1437	"	"	"	7.03	17.17	1.258	12.2	0.57	30.9
4000	1442	"	"	"	7.03	17.28	1.259	12.6	0.49	30.6
4500	1447	"	"	"	7.03	17.27	1.260	11.4	0.44	30.6
5000	1452	"	"	"	7.03	17.14	1.255		0.37	30.2

Start Time: 1402
Stop Time: 1452
Elapsed Time: 50 min.
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/17/2007

SAMPLING DATA

Sample Date: 12/17/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1500
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:
Collected an Equipment Blank sample @ 1600.
Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/17/2007 WEATHER: sunny, 25°
MONITORING WELL ID: PSMW-5 SAMPLE ID: PSMW05-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 27.31 ft
Depth to Water (btoc): 20.60 ft
Depth to LNAPL/DNAPL (btoc): ft
Depth to Top of Screen (btoc): 22.50 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 6.71 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 84.5 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1219	20.82	colorless, cloudy	hydrocarbon like	8.84	16.10	1.709	73.8	-1.33	7.8
500	1224	"	"	"	7.96	17.09	1.732	17.2	1.11	14.4
1000	1229	"	colorless, clear	"	7.71	16.83	1.718	12.6	1.15	17.4
1500	1234	20.76	"	"	7.58	16.13	1.696	11.9	1.03	17.7
2000	1239	20.87	"	"	7.46	16.00	1.661	11.4	1.01	19.6
2500	1244	20.86	"	"	7.44	16.74	1.666	10.5	0.83	20.9
3000	1249	20.77	"	"	7.42	16.47	1.649	9.53	0.75	29.8
3500	1254	20.75	"	"	7.39	16.21	1.643	9.53	0.75	30.6
4000	1259	20.83	"	"	7.41	16.84	1.633	9.16	0.70	30.4
~~4500~~	~~1304~~									

Start Time: 1219
Stop Time: 1259
Elapsed Time: 40 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/17/2007

SAMPLING DATA

Sample Date: 12/17/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1305
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = 2.01 ppm

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study
PROJECT NUMBER: 21561814.00004
FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/14/2007
WEATHER: sunny, 35°
MONITORING WELL ID: PSMW-6
SAMPLE ID: PSMW06-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 109.96 ft
Depth to Water (btoc): 18.46 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 104.84 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 91.50 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1332	18.47	clear	none	6.80	14.72	2.671	30.4	0.29	222.3
500	1337	18.48	cloudy, brown	none	6.79	14.67	5.425	overrange	0.34	217.9
1000	1342	"	"	"	6.84	14.65	5.585	"	0.35	217.5
1500	1347	18.47	sl. cloudy, lt. brown	"	6.87	15.53	5.846	148	0.34	215.5
2000	1352	"	"	"	6.85	15.56	5.863	101.	0.32	215.8
2500	1357	"	"	"	6.88	14.82	5.907	52.6	0.34	215.9
3000	1402	"	"	"	6.89	14.96	5.953	41.2	0.33	215.2
3500	1407	"	"	"	6.90	14.93	6.011	50.9	0.32	215.0
4000	1412	"	clear	"	6.93	14.88	6.012	22.4	0.31	214.6
4500	1417	"	"	"	6.90	14.85	6.009	20.6	0.28	214.8
5000	1422	"	"	"	6.93	14.66	6.067	17.9	0.28	214.2
5500	1427	"	"	"	6.91	14.87	6.124	17.8	0.27	213.7

Start Time: 1332
Stop Time: 1427
Elapsed Time: 55 min.
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/14/2007

SAMPLING DATA

Sample Date: 12/14/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1435
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:

Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/ 12 /2007 WEATHER: overcast, 32°
MONITORING WELL ID: PSMW-7 SAMPLE ID: PSMW07-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 117.94 ft
Depth to Water (btoc): 25.01 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 108.00 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 92.93 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	0926	25.01	clear	none	7.09	13.96	2.376	39.7	3.70	-24.2
500	0931	"	cloudy	none	7.03	15.89	2.365	94.5	1.75	-24.7
1000	0936	"	clear	"	7.02	14.67	2.282	27.7	1.25	-22.3
1500	0941	"	"	"	7.01	14.65	2.261	20.3	1.07	-21.8
2000	0946	"	"	"	7.03	14.65	2.257	20.8	1.02	-21.3
2500	0951	"	"	"	7.03	14.74	2.256	20.6	0.91	-20.7
3000	0956	"	"	"	7.04	14.66	2.239	21.0	0.89	-20.2

Start Time: 0926
Stop Time: 0956
Elapsed Time: 30 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ 12 /2007

SAMPLING DATA

Sample Date: 12/12/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1000
Sample Flow Rate: 100mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = Overrange

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study
PROJECT NUMBER: 21561814.00004
FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/ 12 /2007
WEATHER: overcast, 32°
MONITORING WELL ID: PSMW-8
SAMPLE ID: PSMW08-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 77.02 ft
Depth to Water (btoc): 24.95 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 72.05 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 52.07 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1135	24.97	clear	none	7.74	14.77	1.712	18.8	0.66	-29.7
500	1140	"	"	"	7.59	15.19	1.866	16.9	0.55	-26.6
1000	1145	"	"	"	7.49	15.57	1.993	13.9	0.50	-24.2
1500	1150	"	"	"	7.45	15.55	2.023	15.9	0.47	-23.6
2000	1155	"	"	"	7.43	15.64	2.027	15.0	0.43	-16.8
2500	1200	"	"	"	7.44	15.67	2.027	14.3	0.42	-16.9

Start Time: 1135
Stop Time: 1200
Elapsed Time: 25 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ 12 /2007

SAMPLING DATA

Sample Date: 12/12/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1210
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = 3.57 ppm
Collected an analytical duplicate sample.

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/12/2007 WEATHER: overcast, 40°
MONITORING WELL ID: PSMW-9 SAMPLE ID: PSMW09-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 105.25 ft
Depth to Water (btoc): 12.92 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 100.40 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 102 mc 92.33 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1410	12.92	clear	none	8.09	14.40	0.941	18.2	0.58	-23.9
500	1415	"	"	"	8.03	14.36	0.940	19.1	0.55	-24.1
1000	1420	"	"	"	7.83	14.12	0.935	17.0	0.48	-25.7
1500	1425	"	"	"	7.75	13.97	0.917	18.0	0.47	-26.1
2000	1430	"	"	"	7.67	13.97	0.912	19.3	0.46	-26.8
2500	1435	"	"	"	7.59	14.11	0.907	17.3	0.44	-27.3
3000	1440	"	"	"	7.56	13.85	0.902	13.7	0.44	-27.1
3500	1445	"	"	"	7.51	14.01	0.898	19.6	0.48	-28.6
4000	1450	"	"	"	7.51	14.07	0.897	19.3	0.41	-29.1

Start Time: 1410
Stop Time: 1450
Elapsed Time: 40 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/12/2007

SAMPLING DATA

Sample Date: 12/12/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1500
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:
Collected MS/MSD sample.
Ferrous Iron (Filtered 0.2 micron) = not sampled

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study | PROJECT NUMBER: 21561814.00004 | FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/10/2007 | WEATHER: overcast, 32°, light rain
MONITORING WELL ID: PSMW-10 | SAMPLE ID: PSMW10-01207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 111.39 ft
Depth to Water (btoc): 26.56 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 106.33 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 84.83 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.1 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	0955	26.56	clear	none	5.97	10.17	2.254	22.9	2.42	195.2
500	1000	"	"	"	6.06	9.71	2.454	73.8	2.21	193.4
1000	1005	"	"	"	6.06	13.25	3.105	26.2	1.03	188.3
1500	1010	"	"	"	6.07	13.88	3.246	24.2	0.86	185.6
2000	1015	"	"	"	6.09	13.98	3.292	22.7	0.80	185.0
2500	1020	"	"	"	6.09	14.07	3.328	22.7	0.76	183.8
3000	1025	"	"	"	6.10	13.87	3.339	22.1	0.71	183.0

Start Time: 0955
Stop Time: 1025
Elapsed Time: ~~1025~~ mc 30 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/10/2007

SAMPLING DATA

Sample Date: 12/10/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1030
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:

Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/ 13 /2007 WEATHER: overcast, 32°
MONITORING WELL ID: PSMW-11 SAMPLE ID: PSMW11-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 122.32 ft
Depth to Water (btoc): 34.50 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 116.44 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 87.82 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1235	34.50	clear	none	6.79	13.33	1.648	16.7	1.14	263.9
500	1240	"	"	"	6.99	13.50	1.887	17.1	0.61	254.0
1000	1245	"	"	"	7.22	12.92	2.005	16.2	0.54	252.0
1500	1250	"	"	"	7.63	12.78	2.068	16.9	0.54	247.9
2000	1255	"	"	"	7.31	12.47	2.070	19.1	0.51	250.1
2500	1300	"	"	"	7.32	12.34	2.071	17.4	0.48	248.2
3000	1305	"	"	"	7.32	11.84	2.078	16.8	0.48	247.5
3500	1310	"	"	"	7.29	12.31	2.082	16.0	0.46	246.1

Start Time: 1235
Stop Time: 1310
Elapsed Time: 35 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ 13 /2007

SAMPLING DATA

Sample Date: 12/13/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1320
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = over range

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/ 18 /2007 WEATHER: sunny, 30°
MONITORING WELL ID: PSMW-12 SAMPLE ID: PSMW12-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 114.95 ft
Depth to Water (btoc): 27.68 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 109.85 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 87.27 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	0911	27.69	colorless, clear	none	6.91	13.84	1.181	46.2	1.43	24.2
500	0916	27.67	"	"	6.59	12.78	1.525	37.3	1.09	22.1
1000	0921	27.67	"	"	6.56	12.81	1.516	27.8	0.91	20.5
1500	0926	"	"	"	6.58	12.73	1.494	27.2	0.82	19.6
2000	0931	"	"	"	6.66	12.12	1.479	23.2	0.84	17.9
2500	0936	"	"	"	6.63	12.09	1.460	18.7	0.92	17.3
3000	0941	"	"	"	6.64	12.51	1.459	18.7	0.96	16.2

Start Time: 0911
Stop Time: 0941
Elapsed Time: 30 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ 18 /2007

SAMPLING DATA

Sample Date: 12/18/07
Sample Method: Stainless Steel Monsoon
Sample Time: 0950
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = Overrange
~~Collected MS/MSD sample~~ nc

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study | PROJECT NUMBER: 21561814.00004 | FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/14/2007 | WEATHER: Sunny, 34°
MONITORING WELL ID: PSMW-13 | SAMPLE ID: PSMW13-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 110.92 ft
Depth to Water (btoc): 17.81 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 106.08 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 93.11 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1145	17.85	clear	none	8.71	13.73	0.952	52.6	0.29	223.4
500	1150	"	"	slight sewer-like	8.28	14.32	0.945	44.1	0.43	222.9
1000	1155	"	"	"	8.11	13.38	0.944	33.4	0.47	224.0
1500	1200	"	"	"	7.95	15.10	0.949	31.7	0.40	222.2
2000	1205	"	"	"	7.89	13.95	0.950	19.8	0.34	221.5
2500	1210	"	"	"	7.86	14.44	0.939	18.7	0.33	219.8
3000	1215	"	"	"	7.67	14.02	0.943	20.3	0.35	219.7
3500	1220	"	"	"	7.65	13.78	0.933	19.3	0.35	219.5
4000	1225	"	"	"	7.61	13.87	0.925	19.1	0.35	218.7
4500	1230	"	"	"	7.62	13.88	0.926	16.8	0.37	217.1

Start Time: 1145
Stop Time: 1230
Elapsed Time: 45 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/14/2007

SAMPLING DATA

Sample Date: 12/14/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1235
Sample Flow Rate: 100mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:

Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/10/2007 WEATHER: overcast, 37°
MONITORING WELL ID: PSMW-14M SAMPLE ID: PSMW14M-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 49.65 ft
Depth to Water (btoc): 29.98 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 44.64 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 19.67 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1405	29.98	clear	none	6.53	13.21	1.894	18.4	0.60	181.4
500	1410	29.98	"	"	6.46	13.56	1.911	18.1	0.42	182.4
1000	1415	"	"	"	6.42	13.49	1.913	16.8	0.38	183.1
1500	1420	"	"	"	6.41	12.09	1.895	14.8	0.40	183.2
2000	1425	"	"	"	6.40	12.49	1.886	17.2	0.38	181.6

Start Time: 1405
Stop Time: 1425
Elapsed Time: 20 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/10/2007

SAMPLING DATA

Sample Date: 12/10/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1435
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:

Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study | PROJECT NUMBER: 21561814.00004 | FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/10/2007 | WEATHER: overcast, 35°
MONITORING WELL ID: PSMW-14D | SAMPLE ID: PSMW14D-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 114.81 ft
Depth to Water (btoc): 30.47 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 109.75 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 84.34 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1157	30.47	clear	none	6.24	13.34	3.152	0.97	0.35	199.8
500	1202	"	"	"	6.17	13.70	3.174	-6.57	0.44	198.8
1000	1207	"	"	"	6.16	11.00	3.212	22.4	1.90	198.9
1500	1212	"	"	"	6.17	11.34	3.142	26.6	0.72	200.2
2000	1217	"	"	"	6.16	13.50	3.189	19.2	0.58	197.5
2500	1222	"	"	"	6.15	13.40	3.212	18.3	0.50	197.8
3000	1227	"	"	"	6.15	12.82	3.200	14.9	0.77	197.9
3500	1232	"	"	"	6.14	12.48	3.171	14.6	0.76	196.9
4000	1237	"	"	"	6.14	12.68	3.187	14.3	0.76	197.2
4500	*1242	"	"	"	NM	NM	NM	NM	NM	NM
5000	1247	"	"	"	6.14	15.05	3.293	27.4	0.34	194.8
5500	1252	"	"	"	6.16	14.87	3.270	18.5	0.32	195.2
6000	1257	"	"	"	6.16	14.80	3.277	12.0	0.30	195.0

Start Time: 1157
Stop Time: 1257
Elapsed Time: 60 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/10/2007

SAMPLING DATA

Sample Date: 12/10/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1305
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:

* No measurements due to an obstruction in the pump motor.

Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/13/2007 WEATHER: overcast, 35°
MONITORING WELL ID: PSMW-15M(R) SAMPLE ID: ~~PSMW15M-1207~~ PSMW15M(R)-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 55.05 ft
Depth to Water (btoc): 36.03 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 50.05 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 19.02 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1053	36.03	clear	none	7.92	15.67	1.579	31.3	0.15	217.2
500	1058	"	"	"	7.62	16.25	1.538	27.2	0.62	245.4
1000	1103	"	"	"	7.58	16.87	1.511	20.6	0.36	258.9
1500	1108	"	"	"	7.53	17.23	1.510	20.3	0.33	255.2
2000	1113	"	"	"	7.48	17.79	1.508	18.7	0.32	249.1
2500	1118	"	"	"	7.46	17.12	1.488	16.7	0.31	257.0
3000	1123	"	"	"	7.43	17.47	1.480	17.0	0.31	252.3

Start Time: 1053
Stop Time: 1123
Elapsed Time: 30 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/13/2007

SAMPLING DATA

Sample Date: 12/13/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1130
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC Ferrous Iron (Filtered 0.2 micron) = overrange

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/13/2007 WEATHER: overcast, 35°
MONITORING WELL ID: PSMW-15D(R) SAMPLE ID: ~~PSMW15D-1207~~ PSMW15D(R)-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 120.93 ft
Depth to Water (btoc): 35.90 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 116.25 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 85.03 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	0905	35.92	clear	none	7.33	14.49	2.425	24.6	1.27	220.8
500	0910	"	"	"	7.30	14.45	2.427	24.9	1.18	220.9
1000	0915	"	"	"	7.29	13.23	2.350	22.2	1.02	211.8
1500	0920	"	"	"	7.29	13.13	2.316	22.0	0.91	214.6
2000	0925	"	"	"	7.28	12.43	2.289	20.5	0.86	215.5
2500	0930	"	"	"	7.30	12.87	2.280	23.3	0.76	216.8
3000	0935	"	"	"	7.30	13.86	2.300	20.5	0.85	216.3

Start Time: 0905
Stop Time: 0935
Elapsed Time: 30 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/13/2007

SAMPLING DATA

Sample Date: 12/13/07
Sample Method: Stainless Steel Monsoon
Sample Time: 0945
Sample Flow Rate: 100mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = overrange

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/ 11 /2007 WEATHER: overcast, 48°
MONITORING WELL ID: PSMW-16M SAMPLE ID: PSMW16M-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 63.21 ft
Depth to Water (btoc): 41.57 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 58.49 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 21.64 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1208	41.65	clear	none	7.68	15.97	1.536	61.9	1.49	199.6
500	1213	"	"	"	7.35	16.24	1.568	53.8	0.33	198.0
1000	1218	"	"	"	7.22	16.55	1.573	27.7	0.58	197.9
1500	1223	"	"	"	7.16	16.78	1.584	22.5	0.40	197.2
2000	1228	"	"	"	7.16	16.84	1.597	30.1	0.33	196.9
2500	1233	"	"	"	7.11	16.75	1.595	24.5	0.32	197.1
3000	1238	"	"	"	7.11	16.82	1.599	19.3	0.31	196.8
3500	1243	"	"	"	7.15	16.74	1.601	18.1	0.32	196.8

Start Time: 1208
Stop Time: 1243
Elapsed Time: 35 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ 11 /2007

SAMPLING DATA

Sample Date: 12/11/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1250
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = overrange

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/ 11 /2007 WEATHER: foggy, 45°
MONITORING WELL ID: PSMW-16D SAMPLE ID: PSMW16D-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 123.34 ft
Depth to Water (btoc): 39.27 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 118.54 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 84.07 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Stainless Steel Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	0923	39.38	clear	none	6.45	14.26	1.538	18.0	1.60	176.3
1000	0933	"	"	"	6.85	14.38	1.686	20.2	0.93	180.4
1500	0938*	"	"	"	6.95	13.76	1.690	16.9	0.76	180.4
2000	1013	39.40	"	"	7.26	15.17	1.585	20.2	0.93	183.0
3000	1023	"	"	"	7.15	15.07	1.682	19.7	0.55	182.6
3500	1028	"	"	"	7.14	14.55	1.691	19.9	0.55	182.9
4000	1033	"	"	"	7.13	14.58	1.692	20.5	0.54	182.2
4500	1038	"	"	"	7.16	14.65	1.694	20.9	0.54	182.2
5000	1043	"	"	"	7.14	14.54	1.696	21.1	0.53	180.7

Start Time: 0923
Stop Time: 1043
Elapsed Time: 45 min*
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ 11 /2007

SAMPLING DATA

Sample Date: 12/11/07
Sample Method: Stainless Steel Monsoon
Sample Time: 1050
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals, MNA
Date Calibrated: NA

COMMENTS:

MNA – Alkilinity, CO2, Chloride, Ferrous Iron, Methane, Nitrate, Sulfate, TOC, DOC
Ferrous Iron (Filtered 0.2 micron) = overrange
* Replaced motor in pump (purge stopped at 0940 and resumed at 1010)

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK Plume Stability Study PROJECT NUMBER: 21561814.00004 FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/13/2007 WEATHER: overcast, 34°
MONITORING WELL ID: PSMW-17 (BWMW-4D) SAMPLE ID: PSMW17-1207

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 134.23 ft
Depth to Water (btoc): 40.54 ft
Depth to LNAPL/DNAPL (btoc): — ft
Depth to Top of Screen (btoc): 119.50 ft
Screen Length: 10 ft

Water Column Height (do not include LNAPL or DNAPL): 93.69 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is ⟨4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are ⟨ 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc

Volume of Flow Through Cell): 500 mL
Minimum Purge Volume =
(3 x Flow Through Cell Volume) 1500 mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: 0.0 ppm

PURGE DATA

Pump Type: Mega Monsoon

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)
0	1451	40.57	clear	none	7.96	14.24	1.815	>0.6	0.76	208.5
500	1456	"	light yellow, clear	"	7.66	14.65	1.828	29.7	1.46	210.0
1000	1501	"	"	"	7.46	14.61	1.797	21.4	2.87	210.0
1500	1506	"	"	"	7.32	14.04	1.774	16.8	3.81	211.0
2000	1511	"	"	"	7.14	14.47	1.764	19.5	4.43	210.8
2500	1516	"	"	"	7.16	14.71	1.754	16.4	4.79	209.7
3000	1521	"	"	"	7.15	13.84	1.732	15.5	5.22	209.8
3500	1526	"	"	"	7.14	13.38	1.720	18.1	5.44	209.7
4000	1531	"	"	"	7.10	13.77	1.705	18.1	5.41	209.8
4500	1536	"	"	"	7.10	14.41	1.723	17.6	5.41	208.6

Start Time: 1451
Stop Time: 1536
Elapsed Time: 45 min
Average Purge Rate (mL/min): 100
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/13/2007

SAMPLING DATA

Sample Date: 12/13/07
Sample Method: Mega Monsoon
Sample Time: 1545
Sample Flow Rate: 100 mL/min
Analysis: VOCs, SVOCs, PCBs, Pesticides, Herbicides, Metals
Date Calibrated: NA

COMMENTS:

Ferrous Iron (Filtered 0.2 micron) = not measured

LOW FLOW GROUNDWATER SAMPLING DATA SHEET

PROJECT NAME: WGK PMA | PROJECT NUMBER: 21561814.00004 | FIELD PERSONNEL: M. Corbett, M. Miller
DATE: 12/20/2007 | WEATHER: Rainy
MONITORING WELL ID: PMA-MW-4S | SAMPLE ID: PMAMW04S-1207-DNAPL

INITIAL DATA

Well Diameter: 2 in
Total Well Depth (btoc): 25.35 ft
Depth to Water (btoc): 17.15 ft
Depth to LNAPL/DNAPL (btoc): 24.50 ft
Depth to Top of Screen (btoc): 20.99 ft
Screen Length: 5 ft

Water Column Height (do not include LNAPL or DNAPL): 8.20 ft btoc
If Depth to Top of Screen is > Depth to Water AND Screen Lenth is <4 feet,
Place Pump at: Total Well Depth – 0.5 (Screen Length + DNAPL Column Height) = — ft btoc
If Depth to Top of Screen is < Depth to Water AND Water Column Height and Screen Length are < 4ft,
Place Pump at: Total Well Depth – (0.5 X Water Column Height + DNAPL Column Height) = — ft btoc
If Screen Length and/or water column height is < 4 ft, Place Pump at: Total Well Depth - 2 ft = — ft btoc
Pump intake = 25.00 ft btoc

Volume of Flow Through Cell): ~~500~~ N/A mL
Minimum Purge Volume = (3 x Flow Through Cell Volume) ~~1500~~ N/A mL
Ambient PID/FID Reading: 0.0 ppm
Wellbore PID/FID Reading: Not measured ppm

PURGE DATA

Pump Type: ~~Stainless Steel Monsoon~~ Peristaltic Geopump II

Purge Volume (mL)	Time	Depth to Water (ft)	Color	Odor	pH	Temp (°C)	Cond. (ms/cm)	Turbidity (NTUs)	DO (mg/l)	ORP (mv)

N/A

Start Time: N/A
Stop Time: N/A
Elapsed Time: N/A
Average Purge Rate (mL/min): N/A
Water Quality Meter ID: YSI 556 and LaMotte 2020
Date Calibrated: 12/ /2007

SAMPLING DATA

Sample Date: 12/20/07
Sample Method: Peristaltic Geopump II
Sample Time: 1020
Sample Flow Rate: ~ 100 mL/min
Analysis: VOCs, SVOCs, Total PCBs, Dissolved PCBs
Date Calibrated: NA

COMMENTS:

Water quality measurements not recorded. Only DNAPL sample was collected from PMA-MW-4S
Ferrous Iron (Filtered 0.2 Micron) = N/A

US EPA ARCHIVE DOCUMENT

Appendix B

Chains-of-Custody

Serial Number 81251

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL®**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

◯ Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
WGK Plume Stability Monitoring	21561814.00004	IL
STL (LAB) PROJECT MANAGER: Lidya Gulizia	P.O. NUMBER	CONTRACT NO.
CLIENT (SITE) PM: Thomas Adams	CLIENT PHONE: 314-429-0100	CLIENT FAX: 314-429-0462
CLIENT NAME: URS Corporation	CLIENT E-MAIL: Thomas_adams@urscorp.com	
CLIENT ADDRESS: 1001 Highlands Plaza Dr. West Ste. 300 St. Louis, MO 63110		
COMPANY CONTRACTING THIS WORK (if applicable): Solutia		

PAGE 1 OF

STANDARD REPORT DELIVERY ◯
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ◯
DATE DUE _____
NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOCs 8260	SVOCs 8270	PCBs 680	Pesticides 8081/8082	Herbicides 8051	Metals 6010/7470	REMARKS
								HCl	none	none	none	none	HNO_3	
12/10/07	1030	PSMW10-1207		X				3	2	2	2	2	1	
	1305	PSMW14D-1207		X				3	2	2	2	2	1	
	0700	TB01-1207		X				3						
↓	1435	PSMW14M-1207		X				3	2	2	2	2	1	

TEMPERATURE
2.2/2.6/1.0/1.4

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/10/07	1730						
RECEIVED BY: (SIGNATURE) FedEx KARL HALL	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
	121007	0929	YES ◯ NO ◯		680-32602	

STL8240-680 (12/02)

Serial Number 05576

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE: WGK Plume Stability Monitoring	PROJECT NO.: 21561814.00004	PROJECT LOCATION (STATE): IL	PAGE 1 OF 1
STL (LAB) PROJECT MANAGER: Lidya Gulizia	P.O. NUMBER:	CONTRACT NO.:	STANDARD REPORT DELIVERY ○ DATE DUE
CLIENT (SITE) PM: Thomas Adams	CLIENT PHONE: 314-429-0100	CLIENT FAX: 314-429-0462	EXPEDITED REPORT DELIVERY (SURCHARGE) ○ DATE DUE
CLIENT NAME: URS Corporation	CLIENT E-MAIL: thomas_adams@urscorp.com		
CLIENT ADDRESS: 1001 Highlands Plaza Dr. W. Ste 300 St. Louis, MO 63110			
COMPANY CONTRACTING THIS WORK (if applicable): Solutia			NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

REQUIRED ANALYSIS / NUMBER OF CONTAINERS SUBMITTED

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	VOCs 8260B HCl	SVOCs 8270C none	PCBs 680 none	Pesticides 8081A none	Herbicides 8151A none	Metals + Fe & Mn 6010B HNO_3	Metals (Dissolved Fe + Mn only) 6010B HNO_3	Alkalinity/CO_3 310.1 none	Chloride/Sulfate none	Nitrate/Nitrite none	Nitrate/Nitrite HSO_4	RSK 175 none	TOC/DOC 415.1 HCl	REMARKS
12/11/07	1050	PSMW16D-1207		X				3	2	2	2	2	1		1	1	1	1	3	1	
↓	1050	PSMW16D-1207-F		X										1						1	
	1250	PSMW16M-1207		X				3	2	2	2	2	1		1	1	1	1	3	1	
	1250	PSMW16M-1207-F		X										1						1	
	0700	TB02-1207		X				3													

MEC

2.8/2.6/2.6

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/11/07	1600						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
KARL I HALL [signature]	121207	0923	YES ○ NO ○		680-32631	

STL8240-680 (12/02)

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Alternate Laboratory Name/Location
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Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
WGK Plume Stability Monitoring	21561814.00001	IL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lidya Gulizia		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Thomas Adams	314-429-0100	314-429-0462
CLIENT NAME	CLIENT E-MAIL	
URS Corporation	thomas_adams@urscorp.com	
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1001 Highlands Plaza Drive West Ste 300 St. Louis, MO 63110		
COMPANY CONTRACTING THIS WORK (if applicable)		
Solutia		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ●
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 7

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	MATRIX TYPE: SOLID OR SEMISOLID	MATRIX TYPE: AIR	MATRIX TYPE: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC 8260B HCl	SVOC 8270C none	PCB 680 none	PesT 8081A none	Herb 8151A none	Metals+Fe+Mn 6010B HNO_3	Dissolved Metals Fe+Mn 6010B HNO_3	TOC 415.1 HCl	DOC 415.1 HCl	Alkalinity/CO_2 310.1 none	Chloride/Sulfate 325.2/375.4 none	Dissolved Gases RSK 175 none	Nitrate/Nitrite 353.2 none	H_2SO_4
								NUMBER OF CONTAINERS SUBMITTED													REMARKS
12/12/07	1000	PSMW07-1207		X				3	2	2	2	2	1		1		1	1	3	1	1
	1000	PSMW07-1207-F		X										1		1					
	0700	TB03-1207		X				3													
	1210	PSMW08-1207		X				3	2	2	2	2	1		1		1	1	3	1	1
	1210	PSMW08-1207-F		X										1		1					
	1210	PSMW08-1207-AD		X				3	2	2	2	2	1								
	1500	PSMW09-1207		X				3	2	2	2	2	1								
	↓	PSMW09-1207-MS		X				3	2	2	2	2	1								
↓	↓	PSMW09-1207-MSD		X				3	2	2	2	2	1								2.4/1.2/3.2/6.8
																					TEMP.: 1.2/2.8/2.2

MEC

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/12/07	1730						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
KARL I HALL [signature]	121307	0943	YES ○ NO ○		680:32682	

STL8240-680 (12/02)

Serial Number 05400

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
WGK Plume Stability Monitoring	21561814.00004	IL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lidya Gulizia		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Thomas Adams	314-429-0100	314-429-0462
CLIENT NAME	CLIENT E-MAIL	
URS Corporation	thomas_adams@urscorp.com	
CLIENT ADDRESS		
1001 Highlands Plaza Dr. W. Ste. 300 St. Louis, MO 63110		
COMPANY CONTRACTING THIS WORK (if applicable)		
Solutia		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ●
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC 8260B	SVOC 8270C	PCB 6800	Pest 8081A	Herb 8151A	Metals+Fe&Mn 6010B	Dissolved Metals Fe+Mn 6010B	TOC 415.1	DOC 415.1	Alkalinity/CO_2 310.1	Chloride/Sulfate 325.2/375.4	Dissolved Gases RSK 175	Nitrate/Nitrite 353.2	REMARKS
								HCl	none	RoHS	none	none	HNO_3	HNO_3	HCl	HCl	none	none	none	none	H_2SO_4	
								NUMBER OF CONTAINERS SUBMITTED														
12/13/07	0945	PSMW15D(R)-1207		X				3	2	2	2	2	1		1		1	1	3	1	1	
	↓	PSMW15D(R)-1207-F		X										1		1						
	1130	PSMW15M(R)-1207		X				3	2	2	2	2	1		1		1	1	3	1	1	
	↓	PSMW15M(R)-1207-F		X										1		1						
	0700	TB04-1207		X				3														
	1320	PSMW11-1207		X				3	2	2	2	2	1		1		1	1	3	1	1	
	↓	PSMW11-1207-F		X										1		1						
↓	1545	PSMW17-1207		X				3	2	2	2	2	1									
																						TEMPERATURE
		MEC																				

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/13/07	1730						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
KARL F HALL	12/14/07	0920	YES ○ NO ○		32752 680 32752	

STL8240-680 (12/02)

Serial Number 05555

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Alternate Laboratory Name/Location
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Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
WGK Plume Stability Monitoring	21561814.00004	IL

STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lidya Gulizia		

CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Thomas Adams	314-429-0100	314-429-0462

CLIENT NAME	CLIENT E-MAIL
VRS Corporation	thomas_adams@vrscorp.com

CLIENT ADDRESS: 1001 Highlands Plaza Dr. W. Ste 300 St. Louis, MO 63110

COMPANY CONTRACTING THIS WORK (if applicable): Solutia

PAGE 1 OF 1

STANDARD REPORT DELIVERY ●
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT: 4

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	MATRIX: COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX: AQUEOUS (WATER)	MATRIX: SOLID OR SEMISOLID	MATRIX: AIR	MATRIX: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC 8260B	SVOC 8270C	PCB 680	Pest 8081A	Herb 8151A	Metals 6010	REMARKS
								HCl	none	none	none	none	HNO_3	
12/14/07	1010	PSMW01-1207		X				3	2	2	2	2	1	
	1100	PSMW01-1207-EB		X				3	2	2	2	2	1	
	0700	TB05-1207		X				3						
	1235	PSMW13-1207		X				3	2	2	2	2	1	
↓	1435	PSMW06-1207		X				3	2	2	2	2	1	

TEMP: 3.2/1.0/1.6/1.4

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
	12/14/07	1630						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
KARL I HAAS	121507	1011	YES ○ NO ○		08032815	

STL8240-680 (12/02)

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Alternate Laboratory Name/Location
Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
WGK Plume Stability Monitoring	21561814.00004	IL
STL (LAB) PROJECT MANAGER	P.O. NUMBER	CONTRACT NO.
Lidya Gulizia		
CLIENT (SITE) PM	CLIENT PHONE	CLIENT FAX
Thomas Adams	314-429-0100	314-429-0462
CLIENT NAME	CLIENT E-MAIL	
URS Corporation	thomas_adams@urscorp.com	
CLIENT ADDRESS		
1001 Highlands Plaza Dr. W. Ste 300 St. Louis, MO 63110		
COMPANY CONTRACTING THIS WORK (if applicable)		
Solutia		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ●
DATE DUE _____
EXPEDITED REPORT DELIVERY (SURCHARGE) ○
DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	MATRIX TYPE: SOLID OR SEMISOLID	MATRIX TYPE: AIR	MATRIX TYPE: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: VOC 8260B	SVOC 8270C	PCB 680	Pest 8081A	Herb 8151A	Metals + Fe & Mn 6010B	Dissolved Metals Fe & Mn 6010B	TOC 415.1	DOC 415.1	Alkalinity/CO_2 310.1	Chloride/Sulfate	Dissolved Gases RSK-175	Nitrate/Nitrite 353.2	REMARKS
								HCl	none	none	none	none	HNO_3	HNO_3	HCl	HCl	none	none	none	none	H_2SO_4
								NUMBER OF CONTAINERS SUBMITTED													
12/17/07	0700	TB06-1207		X				3													
	1100	PSMW03-1207		X				3	2	2	2	2	1		1		1	1	3	1	1
	1100	PSMW03-1207-F		X										1		1					
	1100	PSMW03-1207-AD		X				3	2	2	2	2	1								
	1305	PSMW05-1207		X				3	2	2	2	2	1		1		1	1	3	1	1
	1305	PSMW05-1207-F		X										1		1					
	1500	PSMW04-1207		X				3	2	2	2	2	1								
↓	1600	PSMW04-1207-EB		X				3	2	2	2	2	1								

MEC

1.4 34
3.2 41
1.8 41
4.0 44
3.2
4.0
3.2
1.6
1.0

TEMP.: _____

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/17/07	1700						
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT YES ○ NO ○	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	12/20/07	1430			6080-3803	

STL8240-680 (12/02)

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

SEVERN TRENT **STL**

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Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE	PROJECT NO.	PROJECT LOCATION (STATE)
WGK Plume Stability Monitoring	21561814.00004	IL
STL (LAB) PROJECT MANAGER	**P.O. NUMBER**	**CONTRACT NO.**
Lidya Gulizia		
CLIENT (SITE) PM	**CLIENT PHONE**	**CLIENT FAX**
Thomas Adams	314-429-0100	314-429-0462
CLIENT NAME	**CLIENT E-MAIL**	
URS Corporation	thomas_adams@urscorp.com	
CLIENT ADDRESS		
1001 Highlands Plaza Dr. West Ste 300 St. Louis, MO 63110		
COMPANY CONTRACTING THIS WORK (if applicable)		
Solutia		

PAGE 1 OF 1

STANDARD REPORT DELIVERY ●

DATE DUE _____

EXPEDITED REPORT DELIVERY (SURCHARGE) ○

DATE DUE _____

NUMBER OF COOLERS SUBMITTED PER SHIPMENT:

SAMPLE DATE	SAMPLE TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	MATRIX TYPE: AQUEOUS (WATER)	MATRIX TYPE: SOLID OR SEMISOLID	MATRIX TYPE: AIR	MATRIX TYPE: NONAQUEOUS LIQUID (OIL, SOLVENT,...)	REQUIRED ANALYSIS: NUMBER OF CONTAINERS SUBMITTED	REMARKS
								VOC 8260B / HCl	
								SVOC 8270C / none	
								PCB 680 / none	
								Pest 8081A / none	
								Herb 8151A / none	
								Metals Fe+Mn 6010B / HNO3	
								Dissolved Metals Fe+Mn 6010B / HNO3	
								TOC 415.1 / HCl	
								DOC 415.1 / HCl	
								Alkalinity/CO2 310.1 / none	
								Chloride/Sulfate 325.2/375.4 / none	
								Dissolved Gases RSK 175 / none	
								PCB (dissolved) 680 / none	
								Nitrate/Nitrite 353.2 / H_2SO_4	
12/18/07	0700	TB07-1207		X				3	
	0950	PSMW12-1207		X				3 2 2 2 2 1 1 1 1 3 1 1	
	0950	PSMW12-1207-F		X				1 1	
	0700	TB01-1207		X				3	Trip Blank for PMA samples
	1205	PMAMW01M-1207		X				3 2 2 1 2[MC]	4.4
	1205	PMAMW01M-F-1207		X				2	3.2
	1400	PMAMW01S-1207		X				3 2 2	1.8
		PMAMW01S-1207-MS		X				3 2 2	4.0
		PMAMW01S-1207-MSD		X				3 2 2	3.2
		PMAMW01S-F-1207		X				2	4.0
		PMAMW01S-F-1207-MS		X				2	3.2
		PMAMW01S-F-1207-MSD		X				2	1.6
									3.4

TEMP.:

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
[signature]	12/18/07	1600						
RECEIVED BY: (SIGNATURE)	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**	**RECEIVED BY: (SIGNATURE)**	**DATE**	**TIME**

LABORATORY USE ONLY

RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE	TIME	CUSTODY INTACT	CUSTODY SEAL NO.	STL SAVANNAH LOG NO.	LABORATORY REMARKS
[signature]	1207	1430	YES ○ NO ○		680-33003	

STL8240-680 (12/02)

Appendix C

Quality Assurance Report

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

QUALITY ASSURANCE REPORT

Solutia Inc.
W.G. Krummrich Facility
Sauget, Illinois

Plume Stability Monitoring Program
4th Quarter 2007
Data Report

Prepared for

Solutia Inc.
575 Maryville Centre Drive
St. Louis, MO 63141

March 2008

URS Corporation
1001 Highland Plaza Drive West, Suite 300
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(314) 429-0100
Project # 21561814.00004

1.0 INTRODUCTION 1

2.0 RECEIPT CONDITION AND SAMPLE HOLDING TIMES.....4

3.0 TRIP BLANKS, LABORATORY METHOD BLANK AND EQUIPMENT BLANK SAMPLES 4

4.0 SURROGATE SPIKE RECOVERIES.....4

5.0 LABORATORY CONTROL SAMPLES RECOVERIES 5

6.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) SAMPLES.....5

7.0 FIELD DUPLICATE RESULTS 6

8.0 INTERNAL STANDARD RESPONSES 6

9.0 RESULTS REPORTED FROM DILUTIONS.....7

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

1.0 INTRODUCTION

This Quality Assurance Report presents the findings of a review of analytical data for groundwater samples collected in December 2007 at the Solutia W.G. Krummrich plant as part of the 4th Quarter 2007 Plume Stability Monitoring Program. The samples were collected by URS Corporation personnel and analyzed by TestAmerica Laboratories, Inc., (TestAmerica) located in Savannah, Georgia using USEPA methods, Standard methods and USEPA SW-846 methodologies. Samples were tested for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), organochlorine pesticides, organochlorine herbicides, metals, dissolved gasses, and general chemistry.

One hundred percent of the data were subjected to a data quality review (Level III validation). The Level III validations were performed in order to confirm that the analytical data provided by TestAmerica were acceptable in quality for their intended use.

A total of 26 samples (20 investigative groundwater samples, two field duplicates, one matrix spike and matrix spike duplicate pair and two equipment blanks) were analyzed by TestAmerica. These samples were analyzed as four Sample Delivery Groups (SDGs) KPS035, KPS036, KPS037 and KPS038 utilizing the following USEPA SW-846 Methods:

- Method 8260B for VOCs (including dichlorobenzenes due to potential volatilization losses associated with Method 8270C)
- Method 8270C for SVOCs
- Method 8081A for pesticides
- Method 8151A for herbicides
- Method 6010B/7470A for metals and mercury and dissolved iron and manganese

Samples were also analyzed for PCBs, dissolved gasses and general chemistry parameters by the following methods:

- Method 680 for PCBs
- Method RSK-175 for Dissolved Gasses
- USEPA Method 310.1 for Alkalinity
- USEPA Method 325.2 for Chloride
- USEPA Method 353.2 for Nitrogen, Nitrate-Nitrite
- USEPA Method 375.4 for Sulfate
- USEPA Method 415.1 for Total and Dissolved Organic Carbon

In addition, eight trip blanks were included in the coolers that contained samples for VOC analysis and were

analyzed for VOCs by USEPA SW-846 Method 8260B. Samples were reviewed following procedures outlined in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, October 1999, USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, October 2004 and the Plume Stability Monitoring Plan, 2005.

The above guidelines provided the criteria to review the data. Additional quantitative criteria are given in the analytical methods. Qualifiers assigned by the data reviewer have been applied to the laboratory reporting forms (Form-1s). The qualifiers indicate data that did not meet acceptance criteria and corrective actions were not successful or not performed. The various qualifiers are explained in **Tables 1** and **2** below.

TABLE 1 Laboratory Data Qualifiers

Lab Qualifier	Definition
U	Analyte was not detected at or above the reporting limit.
*	LCS, LCSD, MS, MSD, MD or surrogate exceeds the control limits.
E	Result exceeded the calibration range, secondary dilution required.
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution will be flagged with a D.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Spike recovery exceeds upper or lower control limits.
F	MS, MSD or RPD exceeds upper or lower control limits.
P	The difference between the results of the two GC columns is greater than 40%
H	Sample was prepped or analyzed beyond the specified holding time.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

TABLE 2 URS Data Qualifiers

URS Qualifier	Definition
U	The analyte was analyzed for but was not detected.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

Based on the criteria outlined, it is recommended that the results reported for these analyses be accepted for their intended use. Acceptable levels of accuracy, precision, and representativeness (based on MS/MSD,

US EPA ARCHIVE DOCUMENT

matrix duplicate, LCS, surrogate compounds and field duplicate results) were achieved for this data set, except where noted in this report. In addition, analytical completeness, defined to be the percentage of analytical results which are judged to be valid, including estimated detect (**J**) or estimated non-detect (**UJ**) values was 100 percent, which meets the completeness goal of 95 percent.

The data review included evaluation of the following criteria:

Organics

- Receipt condition and sample holding times
- Laboratory method blanks, field equipment blanks and trip blank samples
- Surrogate spike recoveries
- Laboratory control sample (LCS) recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) sample recoveries and relative percent difference (RPD) values
- Field duplicate results
- Results reported from dilutions
- Internal standard responses

Inorganics/General chemistry

- Receipt condition and sample holding times
- Laboratory method blank and field equipment blank samples
- LCS recoveries
- MS/MSD sample recoveries and matrix duplicate RPD values
- Field duplicate and laboratory duplicate results
- Results reported from dilutions

The following sections present the results of the data review.

US EPA ARCHIVE DOCUMENT

US EPA ARCHIVE DOCUMENT

2.0 RECEIPT CONDITION AND SAMPLE HOLDING TIMES

Sample holding time requirements for the analyses performed are presented in the methods and/or in the data review guidelines. Review of the sample collection, extraction and analysis dates involved comparing the chain-of-custody and the laboratory data summary forms for accuracy, consistency, and holding time compliance.

Extractions and/or analyses were completed within the recommended holding time requirements with the exception of nitrite samples PSMW03-1207 (2 days), PSMW05-1207 (2 days) and PSMW12-1207 (1 days) were analyzed outside holding time criteria (48 hours) from SDG KPS037. Qualifications due to holding time criteria are indicated in the table below.

SDG	Field ID	Parameter	Analyte	Qualification
KPS037	PSMW03-1207	General Chemistry	Nitrite	**UJ**
KPS037	PSMW05-1207	General Chemistry	Nitrite	**UJ**
KPS037	PSMW12-1207	General Chemistry	Nitrite	**UJ**

3.0 TRIP BLANKS, LABORATORY METHOD BLANK AND EQUIPMENT BLANK SAMPLES

Trip blank samples are used to assess VOC cross contamination of samples during shipment to the laboratory. One trip blank was submitted with each cooler shipped containing samples for VOC analyses for a total of eight trip blank samples. All associated samples were nondetect; therefore, no qualification of data was required.

Laboratory method blank samples evaluate the existence and magnitude of contamination problems resulting from laboratory activities. All laboratory method blank samples were analyzed at the method prescribed frequencies. No analytes were detected in any of the method blanks.

Equipment blank samples are used to assess the effectiveness of equipment decontamination procedures. All equipment blank samples were nondetect with the exception of those in data reviews discussed further in **Appendix D**. Analytical data that required qualification based on equipment blank contamination are included in the table below. Analytical data that were reported nondetect or at concentrations greater than five times (5X) the associated blank concentration (10X for common laboratory contaminants) did not require qualification.

SDG	Field ID	Parameter	Analyte	New RL	Qualification
KPM036	PSMW06-1207	VOCs	Methyl Ethyl Ketone	28	**U**
KPM037	PSMW12-1207	VOCs	1,2-Dichlorobenzene	28	**U**

4.0 SURROGATE SPIKE RECOVERIES

Surrogate compounds are used to evaluate overall laboratory performance for sample preparation efficiency on a per sample basis. All samples analyzed for VOCs, SVOCs, PCBs, organochlorine pesticides and organochlorine herbicides were spiked with surrogate compounds during sample

preparation. USEPA National Functional Guidelines for Organic Data Review state how data is qualified, if surrogate spike recoveries do not meet acceptance criteria.

Surrogate recoveries were within evaluation criteria with the exception of the samples that are further discussed in data reviews in **Appendix D**. Surrogates that were associated with quality control samples or were diluted out and not recovered did not require qualification. In addition, no qualification of data was required if only one SVOC acid or base fraction surrogate was outside criteria and USEPA National Functional Guidelines for Organic Data Review indicates to qualify data if two or more surrogates per SVOC fraction are outside criteria. Samples with surrogate recoveries outside evaluation criteria are summarized on the table below.

SDG	Field ID	Parameter	Analyte	Qualification
KPS036	PSMW01-1207	Pesticides	All Pesticides	**UJ**
KPS037	PSMW03-1207	Pesticides	Detects/nondetects	**J/UJ**

5.0 LABORATORY CONTROL SAMPLE RECOVERIES

Laboratory control samples (LCS) are analyzed with each analytical batch to assess the accuracy of the analytical process. All LCS recoveries were within evaluation criteria with the exception of the LCSs discussed further in data reviews in **Appendix D**. LCS recoveries were all above evaluation criteria and all associated data was nondetect indicating a possible high bias; therefore, no qualification of data was required.

6.0 MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) SAMPLES

MS/MSD samples are analyzed to assess the accuracy and precision of the analytical process on an analytical sample in a particular matrix. MS/MSD samples were required to be collected at a frequency of one per 20 investigative samples in accordance with the work plan. URS Corporation submitted one MS/MSD sample set for 20 investigative samples meeting the work plan frequency requirement.

No qualifications were made to the data if the MS/MSD percent RPD was the only factor out of criteria. Also, USEPA National Functional Guidelines for Organic Data Review (October 1999) states that organic data should not be qualified based on MS/MSD criteria alone. Therefore, if recoveries were outside evaluation criteria due to matrix interference or abundance of analytes, no qualifiers were assigned unless these analytes had other quality control criteria outside evaluation criteria. Samples spiked and analyzed as MS/MSDs and their respective recoveries are discussed further in data reviews in **Appendix D**. Samples that required qualification based on MS/MSD recoveries or matrix spike/matrix duplicate recoveries are included in the table below.

SDG	Field ID	Parameter	Analyte	Qualification
KPS037	PSMW05-1207	General chemistry	Chloride	**J**

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7.0 FIELD DUPLICATE RESULTS

Field duplicate results are used to evaluate precision of the entire data collection activity, including sampling, analysis and site heterogeneity. When results for both duplicate and sample values are greater than five times the practical quantitation limit (PQL), satisfactory precision is indicated by an RPD less than or equal to 25 percent for aqueous samples. Where one or both of the results of a field duplicate pair are reported at less than five times the PQL, satisfactory precision is indicated if the field duplicate results agree within 2 times the quantitation limit. Field duplicate results that do not meet these criteria may indicate unsatisfactory precision of the results.

Two field duplicate samples were collected for the 20 investigative samples. This satisfies the requirement in the work plan (one per 10 investigative samples or 10 percent). All field duplicate RPDs were within evaluation criteria with the exception of the field duplicates discussed further in data reviews in **Appendix D**. Qualifications based on field duplicates are summarized in the table below.

SDG	Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
KPS037	PSMW03-1207	PSMW03-1207-AD	PCBs	Trichlorobiphenyl	**> 2X RL**	**J**
KPS037	PSMW03-1207	PSMW03-1207-AD	PCBs	Pentachlorobiphenyl	**> 2X RL**	**J**
KPS037	PSMW03-1207	PSMW03-1207-AD	PCBs	Hexachlorobiphenyl	**> 2X RL**	**J**
KPS037	PSMW03-1207DL	PSMW03-1207-ADDL	SVOCs	1,2,4-Trichlorobenzene	**40**	**J**

8.0 INTERNAL STANDARD RESPONSES

Internal standard (IS) performance criteria ensure that the GC/MS sensitivity and response are stable during each analytical run. IS areas must be within -50 percent to +100 percent for VOCs and SVOCs. For the PCBs (Method 680), the IS areas must be within +/- 30 percent of the preceding calibration verification (CV) IS value. Also, the IS retention times must be within 30 seconds of the preceding IS CV retention time. If the IS area count is outside criteria, Method 680 indicates the mean IS area obtained during the initial calibration (ICAL) (+/- 50 percent) should be used.

The internal standards area responses for the VOCs, SVOCs, Pesticides and PCBs were verified for the data review. All IS responses met the criteria as described above, with the exception of internal standards discussed further in data reviews in **Appendix D**. Data qualified based on internal standard recoveries are summarized in the table below.

SDG	Field ID	Parameter	Analyte	Qualification
KPS037	PSMW12-1207	Pesticides	All Pesticides	**J/UJ**
KPS038	PSMW02-1207	PCBs	Monochlorobiphenyl	**J**
KPS038	PSMW02-1207	PCBs	Dichlorobiphenyl	**J**

9.0 RESULTS REPORTED FROM DILUTIONS

VOC, SVOC and PCB samples were diluted and reanalyzed due to the original results exceeding the calibration range of the instrument. These results were qualified by the laboratory with "E" qualifiers. Data for the original runs were reported except for the data results that were "E" qualified. The samples that had "E" qualifiers were diluted and reanalyzed. The diluted sample results of the "E" qualifiers were the only results reported from the diluted samples.

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Appendix D

Groundwater Analytical Results

SDG KPS035

Results of Samples from Wells:

PSMW07
PSMW08
PSMW09
PSMW10
PSMW11
PSMW14M
PSMW14D
PSMW15M(R)
PSMW15D(R)
PSMW16M
PSMW16D
PSMW17

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Solutia Krummrich Data Review

Laboratory SDG: KPS035

Reviewer: Tony Sedlacek

Date Reviewed: 2/17/2008

Guidance: USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA 1999). USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA 2004).

Applicable Work Plan: Plume Stability Monitoring Plan (2005).

Sample Identification #	Sample Identification #
PSMW10-1207	PSMW14D-1207
TB01-1207	PSMW14M-1207
PSMW16D-1207	PSMW16M-1207
TB02-1207	PSMW16D-1207-F
PSMW16M-1207-F	PSMW07-1207
PSMW07-1207-F	TB03-1207
PSMW08-1207	PSMW08-1207-F
PSMW08-1207-AD	PSMW09-1207
PSMW15D(R)-1207	PSMW15D(R)-1207-F
PSMW15M(R)-1207	PSMW15M(R)-1207-F
TRIP BLANK	PSMW11-1207
PSMW-11-1207-F	PSMW17-1207

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated that SVOC and pesticide surrogates in some samples were diluted out and not recovered. VOC and pesticides LCS recoveries were outside evaluation criteria. A SVOC MS/MSD RPD in one sample was outside evaluation criteria. PCB and pesticide internal standard recoveries were

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outside evaluation criteria. Some VOC and PCB samples were diluted due to an elevated level of target analytes. These issues are addressed further in the appropriate sections below.

The cooler receipt form indicated that two out of eight 1-liter ambers for samples PSMW10-1207 and PSMW14M-1207, one out of eight 1- liter ambers for samples PSMW16D-1207, PSMW11-1207 and PSMW17-1207 were received broken by the laboratory. Sufficient sample volume was available to complete all requested analyses. In addition, two out of three VOA vials for samples PSMW07-1207 and PSMW15D(R)-1207 were received by the laboratory for VOC analysis with headspace. The VOA vial without headspace was used for analysis. Also, three out of three VOA vials for samples PSMW08-1207-AD, PSMW11-1207 and PSMW17-1207 were received by the laboratory for VOC analysis with headspace. All VOA vials had a headspace less than acceptance criteria of six millimeters in diameter. No qualification of data was required.

3.0 Holding Times

Were samples extracted/analyzed within QAPP limits?

Yes

Field ID	Parameter	Analyte	Qualification
N/A			

4.0 Blank Contamination

Were any analytes detected in the Method Blanks, Field Blanks or Trip Blanks?

No

Blank ID	Parameter	Analyte	Concentration	Units
N/A				

Qualifications due to blank contamination are included in the table below.

Field ID	Parameter	Analyte	New RL	Qualification
N/A				

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5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

No

LCS ID	Parameter	Analyte	LCS Recovery	RPD	LCS Criteria
680-94132/9	VOCs	Acetone	**177**	N/A	17-175
680-93451/15-A	Pesticides	Endrin aldehyde	**142**	N/A	37-135
680-93571/19-A	Pesticides	Endrin aldehyde	**136**	N/A	37-135
680-93764/20-A	Pesticides	Endrin aldehyde	**136**	N/A	37-135

Analytical data that required qualification based on LCS data are included in the table below. Analytical data which were reported as nondetect and associated with LCS recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Field ID	Parameter	Analyte	Qualification
N/A			

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

No, SVOC surrogates in sample PSMW11-1207 and pesticide surrogates in sample PSMW17-1207 were diluted out and not recovered.

Field ID	Parameter	Surrogate	Recovery	Criteria
N/A				

Analytical data that required qualification based on surrogate data are included in the table below.

Field ID	Parameter	Analyte	Qualification
N/A			

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7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples reported as part of this SDG?

Yes, sample PSMW09-1207 was spiked and analyzed for VOCs, PCBs, SVOCs, pesticides, herbicides and metals. Sample PSMW16D-1207 was spiked and analyzed for nitrate. Sample PSMW07-1207 was spiked and analyzed for sulfate.

Were MS/MSD recoveries within evaluation criteria?

No

MS/MSD ID	Parameter	Analyte	MS/MSD Recovery	RPD	MS/MSD/RPD Criteria
PSMW09-1207	SVOCs	3,3'-Dichlorobenzidine	57/38	**46**	10-113/40

Analytical data that required qualification based on MS/MSD data are included in the table below. USEPA National Functional Guidelines for Organic Data Review indicates that organic data should not be qualified based on MS/MSD data alone and LCS recoveries were within evaluation criteria, therefore no qualification of the data was required.

Field ID	Parameter	Analyte	Qualification
N/A			

8.0 Internal Standard (IS) Recoveries

Were internal standard area recoveries within evaluation criteria?

No

Field ID	Parameter	Analyte	IS Area Recovery	IS Criteria
PSMW17-1207	Pesticides	Bromonitrobenzene	**2996785**	98852-296558
PSMW14D-1207	PCBs	Chrysene-d_{12}	**113602**	54682-101552
PSMW16D-1207	PCBs	Chrysene-d_{12}	**135313**	54682-101552
PSMW16M-1207	PCBs	Chrysene-d_{12}	**121419**	54682-101552
PSMW07-1207	PCBs	Chrysene-d_{12}	**111545**	54682-101552
PSMW09-1207	PCBs	Chrysene-d_{12}	**131559**	54682-101552
PSMW08-1207	PCBs	Chrysene-d_{12}	**129357**	68862-127886
PSMW15M(R)-1207	PCBs	Chrysene-d_{12}	**130273**	68862-127886
PSMW11-1207	PCBs	Chrysene-d_{12}	**131889**	68862-127886

Analytical data that required qualification based on IS data are included in the table below. Internal standard areas outside criteria in quality control samples did not require qualification. Analytical data which were reported as nondetect and associated with internal standard recoveries above evaluation criteria, indicating a possible high bias, did not require qualification. Internal standard areas for chrysene-d_{12} recovered within the initial calibration average internal standard area for all PCB samples listed above; therefore, no qualification of data was required.

Field ID	Parameter	Analyte	Qualification
N/A			

9.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

Yes, samples PSMW16M-1207 was duplicated and analyzed for chloride. Sample PSMW11-1207 was duplicated and analyzed for chloride and nitrate.

Were laboratory duplicate sample RPDs within criteria?

Yes

Field ID	Parameter	Analyte	RPD	Criteria
N/A				

Data qualified due to outlying laboratory duplicate recoveries are identified below:

Field ID	Parameter	Analyte	Qualification
N/A			

10.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
PSMW08-1207	PSMW08-1207-AD

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Were field duplicates within evaluation criteria?

Yes

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
N/A					

11.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

No

The following table identifies the analyses which were reported as nondetect, diluted, and an undiluted run ***was not*** reported:

Field ID	Parameter	Dilution Factor
PMAMW01M-1207	VOCs	10
PMAMW01M-1207	PCBs	10
PMAMW01M-F-1207	PCBs	10

12.0 Additional Qualifications

Were additional qualifications applied?

No

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-32602-1

SDG Number: KPS035

Job Description: WGK Plume Stability 4Q07

For:
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110

Attention: Mr. Bob Billman



Lidya Gulizia
Project Manager I
lidya.gulizia@testamericainc.com
01/21/2008

cc: Mr. Bruce Yare

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report.

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Job Narrative
680-J32602-1 / SDG No. KPS035

Receipt
Method(s) 8260B: The following sample(s) was received with headspace in the sample vials: 2 of 3 vials for PSMW07-1207 (680-32682-1); 3 of 3 vials for PSMW08-1207-AD (680-32682-6).

Method(s) 8260B: The following sample(s) was received with headspace in the sample vials: 3 of 3 vials for PSMW11-1207 (680-32752-6); 2 of 3 vials for PSMW15D(R)-1207 (680-32752-1); 3 of 3 vials for PSMW17-1207 (680-32752-8).

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following sample(s) was diluted due to the abundance of target analytes: PSMW07-1207 (680-32682-1), PSMW11-1207 (680-32752-6), PSMW17-1207 (680-32752-8). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: PSMW11-1207 (680-32752-6), PSMW17-1207 (680-32752-8).

Method(s) 8270C: Internal standard (ISTD) response for some of the internal standard compounds was above the upper control limits for the method blank in prep batch 94015 (MB 680-94015/19-A) and the laboratory control sample in batch 93456 (LCS 680-93456/10-A). The samples were re-analyzed with concurring results. The original set of data has been reported.

Method(s) 8270C: The following sample(s) was diluted due to the nature of the sample matrix: PSMW17-1207 (680-32752-8). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 94015 was outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
Method(s) 8081A_8082: The following sample was diluted due to the nature of the sample matrix: PSMW17-1207 (680-32752-8). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) 375.4: The following sample(s) was diluted due to the nature of the sample matrix: PSMW07-1207 (680-32682-1). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Comments
No additional comments.

METHOD SUMMARY

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds by GC/MS	TAL SAV	SW846 8260B	
Purge-and-Trap	TAL SAV		SW846 5030B
Dissolved Gases in Water	TAL SAV	RSK RSK-175	
Polychlorinated Biphenyls by GCMS	TAL SAV	EPA 680	
Polychlorinated Biphenyls by GCMS Preparation for	TAL SAV		EPA 680
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Continuous Liquid-Liquid Extraction	TAL SAV		SW846 3520C
Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography	TAL SAV	SW846 8081A_8082	
Continuous Liquid-Liquid Extraction	TAL SAV		SW846 3520C
Chlorinated Herbicides by GC	TAL SAV	SW846 8151A	
Chlorinated Herbicides by GC - Aqueous Prep	TAL SAV		SW846 8151A
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SAV	SW846 6010B	
Sample Filtration performed in the Field	TAL SAV		FIELD_FLTRD
Acid Digestion of Waters for Total Recoverable or	TAL SAV		SW846 3005A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL SAV	SW846 7470A	
Mercury in Liquid Waste (Manual Cold Vapor	TAL SAV		SW846 7470A
Alkalinity - Titrimetric, pH 4.5	TAL SAV	MCAWW 310.1	
Chloride (Colorimetric, Automated Ferricyanide)	TAL SAV	MCAWW 325.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	TAL SAV	MCAWW 353.2	
Sulfate (Turbidimetric)	TAL SAV	MCAWW 375.4	
Total Organic Carbon, Combustion or Oxidation	TAL SAV	MCAWW 415.1	
Dissolved Organic Carbon, Combustion or Oxidation	TAL SAV	MCAWW 415.1	
Sample Filtration	TAL SAV		FILTRATION

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

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

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METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB
SW846 8260B	Lui, Chung	CL
EPA 680	Johnson, Brad	BJ
SW846 8270C	Loomis, Eric	EL
RSK RSK-175	Workman, Maria	MA
SW846 8081A_8082	Kellar, Joshua	JK
SW846 8151A	Kellar, Joshua	JK
SW846 6010B	Bland, Brian	BB
SW846 7470A	Boyuk, Brian	BB
MCAWW 310.1	Vasquez, Juana	JV
MCAWW 325.2	Ross, Jon	JR
MCAWW 353.2	Ross, Jon	JR
MCAWW 375.4	Ross, Jon	JR
MCAWW 415.1	Blackshear, Kim	KB

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SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-32602-1	PSMW10-1207	Water	12/10/2007 1030	12/11/2007 0929
680-32602-2	PSMW14D-1207	Water	12/10/2007 1305	12/11/2007 0929
680-32602-3TB	TB01-1207	Water	12/10/2007 0700	12/11/2007 0929
680-32602-4	PSMW14M-1207	Water	12/10/2007 1435	12/11/2007 0929
680-32631-1	PSMW16D-1207	Water	12/11/2007 1050	12/12/2007 0923
680-32631-2	PSMW16M-1207	Water	12/11/2007 1250	12/12/2007 0923
680-32631-3TB	TB02-1207	Water	12/11/2007 0700	12/12/2007 0923
680-32631-4	PSMW16D-1207-F	Water	12/11/2007 1050	12/12/2007 0923
680-32631-5	PSMW16M-1207-F	Water	12/11/2007 1250	12/12/2007 0923
680-32682-1	PSMW07-1207	Water	12/12/2007 1000	12/13/2007 0800
680-32682-2	PSMW07-1207-F	Water	12/12/2007 1000	12/13/2007 0800
680-32682-3TB	TB03-1207	Water	12/12/2007 0700	12/13/2007 0800
680-32682-4	PSMW08-1207	Water	12/12/2007 1210	12/13/2007 0800
680-32682-5	PSMW08-1207-F	Water	12/12/2007 1210	12/13/2007 0800
680-32682-6FD	PSMW08-1207-AD	Water	12/12/2007 1210	12/13/2007 0800
680-32682-7	PSMW09-1207	Water	12/12/2007 1500	12/13/2007 0800
680-32682-7MS	PSMW09-1207	Water	12/12/2007 1500	12/13/2007 0800
680-32682-7MSD	PSMW09-1207	Water	12/12/2007 1500	12/13/2007 0800
680-32752-1	PSMW15D(R)-1207	Water	12/13/2007 0945	12/14/2007 0920
680-32752-2	PSMW15D(R)-1207-F	Water	12/13/2007 0945	12/14/2007 0920
680-32752-3	PSMW15M(R)-1207	Water	12/13/2007 1130	12/14/2007 0920
680-32752-4	PSMW15M(R)-1207-F	Water	12/13/2007 1130	12/14/2007 0920
680-32752-5TB	TRIP BLANK	Water	12/13/2007 0700	12/14/2007 0920
680-32752-6	PSMW11-1207	Water	12/13/2007 1320	12/14/2007 0920
680-32752-7	PSMW11-1207-F	Water	12/13/2007 1320	12/14/2007 0920
680-32752-8	PSMW17-1207	Water	12/13/2007 1545	12/14/2007 0920

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SAMPLE RESULTS

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1806
Date Prepared: 12/18/2007 1806

Analysis Batch: 680-93966

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0297.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	8.7		1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1806
Date Prepared: 12/18/2007 1806

Analysis Batch: 680-93966

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0297.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	75 - 120
Dibromofluoromethane	94	75 - 121
Toluene-d8 (Surr)	92	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1834
Date Prepared: 12/18/2007 1834

Analysis Batch: 680-93966

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0299.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1400	E	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.6		1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1834
Date Prepared: 12/18/2007 1834

Analysis Batch: 680-93966

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0299.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	75 - 120
Dibromofluoromethane	92	75 - 121
Toluene-d8 (Surr)	92	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 12/19/2007 1320
Date Prepared: 12/19/2007 1320

Analysis Batch: 680-94055
Run Type: DL

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0327.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	500	U	500
Acetonitrile	800	U	800
Acrolein	400	U	400
Acrylonitrile	400	U	400
Benzene	20	U	20
Bromodichloromethane	20	U	20
Bromoform	20	U	20
Bromomethane	20	U	20
Methyl Ethyl Ketone	200	U	200
Carbon disulfide	40	U	40
Carbon tetrachloride	20	U	20
Chlorobenzene	1600	D	20
2-Chloro-1,3-butadiene	20	U	20
Chloroethane	20	U	20
Chloroform	20	U	20
Chloromethane	20	U	20
3-Chloro-1-propene	20	U	20
cis-1,2-Dichloroethene	20	U	20
cis-1,3-Dichloropropene	20	U	20
Dibromochloromethane	20	U	20
1,2-Dibromo-3-Chloropropane	20	U	20
Dibromomethane	20	U	20
1,2-Dichlorobenzene	20	U	20
1,3-Dichlorobenzene	20	U	20
1,4-Dichlorobenzene	20	U	20
Dichlorodifluoromethane	20	U	20
1,1-Dichloroethane	20	U	20
1,2-Dichloroethane	20	U	20
1,1-Dichloroethene	20	U	20
1,2-Dichloropropane	20	U	20
Ethylbenzene	20	U	20
Ethylene Dibromide	20	U	20
Ethyl methacrylate	20	U	20
2-Hexanone	200	U	200
Iodomethane	100	U	100
Isobutyl alcohol	800	U	800
Methacrylonitrile	400	U	400
Methylene Chloride	100	U	100
Methyl methacrylate	20	U	20
methyl isobutyl ketone	200	U	200
Pentachloroethane	100	U	100
Propionitrile	400	U	400
Styrene	20	U	20
1,1,1,2-Tetrachloroethane	20	U	20

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 12/19/2007 1320
Date Prepared: 12/19/2007 1320

Analysis Batch: 680-94055
Run Type: DL

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0327.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	20	U	20
Tetrachloroethene	20	U	20
Toluene	20	U	20
trans-1,4-Dichloro-2-butene	40	U	40
trans-1,2-Dichloroethene	20	U	20
trans-1,3-Dichloropropene	20	U	20
1,1,1-Trichloroethane	20	U	20
1,1,2-Trichloroethane	20	U	20
Trichloroethene	20	U	20
Trichlorofluoromethane	20	U	20
1,2,3-Trichloropropane	20	U	20
Vinyl acetate	40	U	40
Vinyl chloride	20	U	20
Xylenes, Total	40	U	40

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	75 - 120
Dibromofluoromethane	85	75 - 121
Toluene-d8 (Surr)	92	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **TB01-1207**

Lab Sample ID: 680-32602-3TB
Client Matrix: Water

Date Sampled: 12/10/2007 0700
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/19/2007 1610
Date Prepared: 12/19/2007 1610

Analysis Batch: 680-94055

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0339.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **TB01-1207**

Lab Sample ID: 680-32602-3TB
Client Matrix: Water

Date Sampled: 12/10/2007 0700
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/19/2007 1610
Date Prepared: 12/19/2007 1610

Analysis Batch: 680-94055

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0339.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	75 - 120
Dibromofluoromethane	89	75 - 121
Toluene-d8 (Surr)	88	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1931
Date Prepared: 12/18/2007 1931

Analysis Batch: 680-93966

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0303.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	5.9		1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1931
Date Prepared: 12/18/2007 1931

Analysis Batch: 680-93966

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0303.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	96	75 - 121
Toluene-d8 (Surr)	91	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 12/19/2007 1607
Date Prepared: 12/19/2007 1607

Analysis Batch: 680-94132

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0169.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	500	U *	500
Acetonitrile	800	U	800
Acrolein	400	U	400
Acrylonitrile	400	U	400
Benzene	1100		20
Bromodichloromethane	20	U	20
Bromoform	20	U	20
Bromomethane	20	U	20
Methyl Ethyl Ketone	200	U	200
Carbon disulfide	40	U	40
Carbon tetrachloride	20	U	20
Chlorobenzene	1800		20
2-Chloro-1,3-butadiene	20	U	20
Chloroethane	20	U	20
Chloroform	20	U	20
Chloromethane	20	U	20
3-Chloro-1-propene	20	U	20
cis-1,2-Dichloroethene	20	U	20
cis-1,3-Dichloropropene	20	U	20
Dibromochloromethane	20	U	20
1,2-Dibromo-3-Chloropropane	20	U	20
Dibromomethane	20	U	20
1,2-Dichlorobenzene	20	U	20
1,3-Dichlorobenzene	20	U	20
1,4-Dichlorobenzene	49		20
Dichlorodifluoromethane	20	U	20
1,1-Dichloroethane	20	U	20
1,2-Dichloroethane	20	U	20
1,1-Dichloroethene	20	U	20
1,2-Dichloropropane	20	U	20
Ethylbenzene	20	U	20
Ethylene Dibromide	20	U	20
Ethyl methacrylate	20	U	20
2-Hexanone	200	U	200
Iodomethane	100	U	100
Isobutyl alcohol	800	U	800
Methacrylonitrile	400	U	400
Methylene Chloride	100	U	100
Methyl methacrylate	20	U	20
methyl isobutyl ketone	200	U	200
Pentachloroethane	100	U	100
Propionitrile	400	U	400
Styrene	20	U	20
1,1,1,2-Tetrachloroethane	20	U	20

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 12/19/2007 1607
Date Prepared: 12/19/2007 1607

Analysis Batch: 680-94132

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0169.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	20	U	20
Tetrachloroethene	20	U	20
Toluene	20	U	20
trans-1,4-Dichloro-2-butene	40	U	40
trans-1,2-Dichloroethene	20	U	20
trans-1,3-Dichloropropene	20	U	20
1,1,1-Trichloroethane	20	U	20
1,1,2-Trichloroethane	20	U	20
Trichloroethene	20	U	20
Trichlorofluoromethane	20	U	20
1,2,3-Trichloropropane	20	U	20
Vinyl acetate	40	U	40
Vinyl chloride	20	U	20
Xylenes, Total	40	U	40

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	75 - 120
Dibromofluoromethane	105	75 - 121
Toluene-d8 (Surr)	100	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1405
Date Prepared: 12/18/2007 1405

Analysis Batch: 680-94103

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0097.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	4.1		1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	21		1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.2		1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.8		1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1405
Date Prepared: 12/18/2007 1405

Analysis Batch: 680-94103

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0097.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	101	75 - 120
Dibromofluoromethane	101	75 - 121
Toluene-d8 (Surr)	105	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **TB02-1207**

Lab Sample ID: 680-32631-3TB
Client Matrix: Water

Date Sampled: 12/11/2007 0700
Date Received: 12/12/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1239
Date Prepared: 12/18/2007 1239

Analysis Batch: 680-94103

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0091.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **TB02-1207**

Lab Sample ID: 680-32631-3TB
Client Matrix: Water

Date Sampled: 12/11/2007 0700
Date Received: 12/12/2007 0923

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/18/2007 1239
Date Prepared: 12/18/2007 1239

Analysis Batch: 680-94103

Instrument ID: GC/MS Volatiles - P
Lab File ID: p0091.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	105	75 - 120
Dibromofluoromethane	105	75 - 121
Toluene-d8 (Surr)	94	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 12/20/2007 1355
Date Prepared: 12/20/2007 1355

Analysis Batch: 680-94480

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0357.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	130	U	130
Acetonitrile	200	U	200
Acrolein	100	U	100
Acrylonitrile	100	U	100
Benzene	26		5.0
Bromodichloromethane	5.0	U	5.0
Bromoform	5.0	U	5.0
Bromomethane	5.0	U	5.0
Methyl Ethyl Ketone	50	U	50
Carbon disulfide	10	U	10
Carbon tetrachloride	5.0	U	5.0
Chlorobenzene	420		5.0
2-Chloro-1,3-butadiene	5.0	U	5.0
Chloroethane	5.0	U	5.0
Chloroform	5.0	U	5.0
Chloromethane	5.0	U	5.0
3-Chloro-1-propene	5.0	U	5.0
cis-1,2-Dichloroethene	5.0	U	5.0
cis-1,3-Dichloropropene	5.0	U	5.0
Dibromochloromethane	5.0	U	5.0
1,2-Dibromo-3-Chloropropane	5.0	U	5.0
Dibromomethane	5.0	U	5.0
1,2-Dichlorobenzene	6.1		5.0
1,3-Dichlorobenzene	5.0	U	5.0
1,4-Dichlorobenzene	7.5		5.0
Dichlorodifluoromethane	5.0	U	5.0
1,1-Dichloroethane	5.0	U	5.0
1,2-Dichloroethane	5.0	U	5.0
1,1-Dichloroethene	5.0	U	5.0
1,2-Dichloropropane	5.0	U	5.0
Ethylbenzene	5.0	U	5.0
Ethylene Dibromide	5.0	U	5.0
Ethyl methacrylate	5.0	U	5.0
2-Hexanone	50	U	50
Iodomethane	25	U	25
Isobutyl alcohol	200	U	200
Methacrylonitrile	100	U	100
Methylene Chloride	25	U	25
Methyl methacrylate	5.0	U	5.0
methyl isobutyl ketone	50	U	50
Pentachloroethane	25	U	25
Propionitrile	100	U	100
Styrene	5.0	U	5.0
1,1,1,2-Tetrachloroethane	5.0	U	5.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 12/20/2007 1355
Date Prepared: 12/20/2007 1355

Analysis Batch: 680-94480

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0357.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	5.0	U	5.0
Tetrachloroethene	5.0	U	5.0
Toluene	5.0	U	5.0
trans-1,4-Dichloro-2-butene	10	U	10
trans-1,2-Dichloroethene	5.0	U	5.0
trans-1,3-Dichloropropene	5.0	U	5.0
1,1,1-Trichloroethane	5.0	U	5.0
1,1,2-Trichloroethane	5.0	U	5.0
Trichloroethene	5.0	U	5.0
Trichlorofluoromethane	5.0	U	5.0
1,2,3-Trichloropropane	5.0	U	5.0
Vinyl acetate	10	U	10
Vinyl chloride	5.0	U	5.0
Xylenes, Total	10	U	10

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	75 - 120
Dibromofluoromethane	86	75 - 121
Toluene-d8 (Surr)	92	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **TB03-1207**

Lab Sample ID: 680-32682-3TB
Client Matrix: Water

Date Sampled: 12/12/2007 0700
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/20/2007 1424
Date Prepared: 12/20/2007 1424

Analysis Batch: 680-94480

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0359.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **TB03-1207**

Lab Sample ID: 680-32682-3TB
Client Matrix: Water

Date Sampled: 12/12/2007 0700
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/20/2007 1424
Date Prepared: 12/20/2007 1424

Analysis Batch: 680-94480

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0359.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	75 - 120
Dibromofluoromethane	90	75 - 121
Toluene-d8 (Surr)	87	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 12/20/2007 1452
Date Prepared: 12/20/2007 1452

Analysis Batch: 680-94480

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0361.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	500	U	500
Acetonitrile	800	U	800
Acrolein	400	U	400
Acrylonitrile	400	U	400
Benzene	2400		20
Bromodichloromethane	20	U	20
Bromoform	20	U	20
Bromomethane	20	U	20
Methyl Ethyl Ketone	200	U	200
Carbon disulfide	40	U	40
Carbon tetrachloride	20	U	20
Chlorobenzene	1600		20
2-Chloro-1,3-butadiene	20	U	20
Chloroethane	20	U	20
Chloroform	20	U	20
Chloromethane	20	U	20
3-Chloro-1-propene	20	U	20
cis-1,2-Dichloroethene	20	U	20
cis-1,3-Dichloropropene	20	U	20
Dibromochloromethane	20	U	20
1,2-Dibromo-3-Chloropropane	20	U	20
Dibromomethane	20	U	20
1,2-Dichlorobenzene	20	U	20
1,3-Dichlorobenzene	20	U	20
1,4-Dichlorobenzene	20	U	20
Dichlorodifluoromethane	20	U	20
1,1-Dichloroethane	20	U	20
1,2-Dichloroethane	20	U	20
1,1-Dichloroethene	20	U	20
1,2-Dichloropropane	20	U	20
Ethylbenzene	20	U	20
Ethylene Dibromide	20	U	20
Ethyl methacrylate	20	U	20
2-Hexanone	200	U	200
Iodomethane	100	U	100
Isobutyl alcohol	800	U	800
Methacrylonitrile	400	U	400
Methylene Chloride	100	U	100
Methyl methacrylate	20	U	20
methyl isobutyl ketone	200	U	200
Pentachloroethane	100	U	100
Propionitrile	400	U	400
Styrene	20	U	20
1,1,1,2-Tetrachloroethane	20	U	20

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 12/20/2007 1452
Date Prepared: 12/20/2007 1452

Analysis Batch: 680-94480

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0361.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	20	U	20
Tetrachloroethene	20	U	20
Toluene	20	U	20
trans-1,4-Dichloro-2-butene	40	U	40
trans-1,2-Dichloroethene	20	U	20
trans-1,3-Dichloropropene	20	U	20
1,1,1-Trichloroethane	20	U	20
1,1,2-Trichloroethane	20	U	20
Trichloroethene	20	U	20
Trichlorofluoromethane	20	U	20
1,2,3-Trichloropropane	20	U	20
Vinyl acetate	40	U	40
Vinyl chloride	20	U	20
Xylenes, Total	40	U	40

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	75 - 120
Dibromofluoromethane	85	75 - 121
Toluene-d8 (Surr)	90	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/20/2007 1521
Date Prepared: 12/20/2007 1521

Analysis Batch: 680-94480

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0363.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	2000	E	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1500	E	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	4.4		1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	3.7		1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	10		1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/20/2007 1521
Date Prepared: 12/20/2007 1521

Analysis Batch: 680-94480

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0363.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	13		1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	90	75 - 121
Toluene-d8 (Surr)	93	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 12/21/2007 2023
Date Prepared: 12/21/2007 2023

Analysis Batch: 680-94456
Run Type: DL

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0355.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	500	U	500
Acetonitrile	800	U	800
Acrolein	400	U	400
Acrylonitrile	400	U	400
Benzene	2700	D	20
Bromodichloromethane	20	U	20
Bromoform	20	U	20
Bromomethane	20	U	20
Methyl Ethyl Ketone	200	U	200
Carbon disulfide	40	U	40
Carbon tetrachloride	20	U	20
Chlorobenzene	1600	D	20
2-Chloro-1,3-butadiene	20	U	20
Chloroethane	20	U	20
Chloroform	20	U	20
Chloromethane	20	U	20
3-Chloro-1-propene	20	U	20
cis-1,2-Dichloroethene	20	U	20
cis-1,3-Dichloropropene	20	U	20
Dibromochloromethane	20	U	20
1,2-Dibromo-3-Chloropropane	20	U	20
Dibromomethane	20	U	20
1,2-Dichlorobenzene	20	U	20
1,3-Dichlorobenzene	20	U	20
1,4-Dichlorobenzene	20	U	20
Dichlorodifluoromethane	20	U	20
1,1-Dichloroethane	20	U	20
1,2-Dichloroethane	20	U	20
1,1-Dichloroethene	20	U	20
1,2-Dichloropropane	20	U	20
Ethylbenzene	20	U	20
Ethylene Dibromide	20	U	20
Ethyl methacrylate	20	U	20
2-Hexanone	200	U	200
Iodomethane	100	U	100
Isobutyl alcohol	800	U	800
Methacrylonitrile	400	U	400
Methylene Chloride	100	U	100
Methyl methacrylate	20	U	20
methyl isobutyl ketone	200	U	200
Pentachloroethane	100	U	100
Propionitrile	400	U	400
Styrene	20	U	20
1,1,1,2-Tetrachloroethane	20	U	20

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 20
Date Analyzed: 12/21/2007 2023
Date Prepared: 12/21/2007 2023

Analysis Batch: 680-94456
Run Type: DL

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0355.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	20	U	20
Tetrachloroethene	20	U	20
Toluene	20	U	20
trans-1,4-Dichloro-2-butene	40	U	40
trans-1,2-Dichloroethene	20	U	20
trans-1,3-Dichloropropene	20	U	20
1,1,1-Trichloroethane	20	U	20
1,1,2-Trichloroethane	20	U	20
Trichloroethene	20	U	20
Trichlorofluoromethane	20	U	20
1,2,3-Trichloropropane	20	U	20
Vinyl acetate	40	U	40
Vinyl chloride	23	D	20
Xylenes, Total	40	U	40

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	75 - 120
Dibromofluoromethane	95	75 - 121
Toluene-d8 (Surr)	97	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/21/2007 2102
Date Prepared: 12/21/2007 2102

Analysis Batch: 680-94456

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0359.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	18		1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	9.7		1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	3.8		1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	3.1		1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/21/2007 2102
Date Prepared: 12/21/2007 2102

Analysis Batch: 680-94456

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0359.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	75 - 120
Dibromofluoromethane	98	75 - 121
Toluene-d8 (Surr)	95	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/23/2007 2102
Date Prepared: 12/23/2007 2102

Analysis Batch: 680-94697

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0421.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	140		1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	190		1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.4		1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	2.7		1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/23/2007 2102
Date Prepared: 12/23/2007 2102

Analysis Batch: 680-94697

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0421.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	75 - 120
Dibromofluoromethane	91	75 - 121
Toluene-d8 (Surr)	98	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/23/2007 2130
Date Prepared: 12/23/2007 2130

Analysis Batch: 680-94697

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0423.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/23/2007 2130
Date Prepared: 12/23/2007 2130

Analysis Batch: 680-94697

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0423.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	75 - 120
Dibromofluoromethane	92	75 - 121
Toluene-d8 (Surr)	96	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 680-32752-5TB
Client Matrix: Water

Date Sampled: 12/13/2007 0700
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/23/2007 1354
Date Prepared: 12/23/2007 1354

Analysis Batch: 680-94697

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0391.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 680-32752-5TB
Client Matrix: Water

Date Sampled: 12/13/2007 0700
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/23/2007 1354
Date Prepared: 12/23/2007 1354

Analysis Batch: 680-94697

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0391.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	75 - 120
Dibromofluoromethane	96	75 - 121
Toluene-d8 (Surr)	94	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/25/2007 0602
Date Prepared: 12/25/2007 0602

Analysis Batch: 680-94584

Instrument ID: GC/MS Volatiles - O
Lab File ID: oO455.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	230	E	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	690	E	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	4.6		1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/25/2007 0602
Date Prepared: 12/25/2007 0602

Analysis Batch: 680-94584

Instrument ID: GC/MS Volatiles - O
Lab File ID: oO455.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	111	75 - 120
Dibromofluoromethane	95	75 - 121
Toluene-d8 (Surr)	108	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 12/26/2007 1417
Date Prepared: 12/26/2007 1417

Analysis Batch: 680-94710
Run Type: DL

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0493.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	250	U	250
Acetonitrile	400	U	400
Acrolein	200	U	200
Acrylonitrile	200	U	200
Benzene	110	D	10
Bromodichloromethane	10	U	10
Bromoform	10	U	10
Bromomethane	10	U	10
Methyl Ethyl Ketone	100	U	100
Carbon disulfide	20	U	20
Carbon tetrachloride	10	U	10
Chlorobenzene	490	D	10
2-Chloro-1,3-butadiene	10	U	10
Chloroethane	10	U	10
Chloroform	10	U	10
Chloromethane	10	U	10
3-Chloro-1-propene	10	U	10
cis-1,2-Dichloroethene	10	U	10
cis-1,3-Dichloropropene	10	U	10
Dibromochloromethane	10	U	10
1,2-Dibromo-3-Chloropropane	10	U	10
Dibromomethane	10	U	10
1,2-Dichlorobenzene	10	U	10
1,3-Dichlorobenzene	10	U	10
1,4-Dichlorobenzene	10	U	10
Dichlorodifluoromethane	10	U	10
1,1-Dichloroethane	10	U	10
1,2-Dichloroethane	10	U	10
1,1-Dichloroethene	10	U	10
1,2-Dichloropropane	10	U	10
Ethylbenzene	10	U	10
Ethylene Dibromide	10	U	10
Ethyl methacrylate	10	U	10
2-Hexanone	100	U	100
Iodomethane	50	U	50
Isobutyl alcohol	400	U	400
Methacrylonitrile	200	U	200
Methylene Chloride	50	U	50
Methyl methacrylate	10	U	10
methyl isobutyl ketone	100	U	100
Pentachloroethane	50	U	50
Propionitrile	200	U	200
Styrene	10	U	10
1,1,1,2-Tetrachloroethane	10	U	10

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10
Date Analyzed: 12/26/2007 1417
Date Prepared: 12/26/2007 1417

Analysis Batch: 680-94710
Run Type: DL

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0493.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	10	U	10
Tetrachloroethene	10	U	10
Toluene	10	U	10
trans-1,4-Dichloro-2-butene	20	U	20
trans-1,2-Dichloroethene	10	U	10
trans-1,3-Dichloropropene	10	U	10
1,1,1-Trichloroethane	10	U	10
1,1,2-Trichloroethane	10	U	10
Trichloroethene	10	U	10
Trichlorofluoromethane	10	U	10
1,2,3-Trichloropropane	10	U	10
Vinyl acetate	20	U	20
Vinyl chloride	10	U	10
Xylenes, Total	20	U	20

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	111	75 - 120
Dibromofluoromethane	89	75 - 121
Toluene-d8 (Surr)	101	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/25/2007 0630
Date Prepared: 12/25/2007 0630

Analysis Batch: 680-94584

Instrument ID: GC/MS Volatiles - O
Lab File ID: oO457.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	35		1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	760	E	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.7		1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	2100	E	1.0
1,3-Dichlorobenzene	17		1.0
1,4-Dichlorobenzene	240	E	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	12		1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/25/2007 0630
Date Prepared: 12/25/2007 0630

Analysis Batch: 680-94584

Instrument ID: GC/MS Volatiles - O
Lab File ID: oO457.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	21		1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	2.7		1.0
Xylenes, Total	49		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	114	75 - 120
Dibromofluoromethane	96	75 - 121
Toluene-d8 (Surr)	105	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 12/26/2007 1445
Date Prepared: 12/26/2007 1445

Analysis Batch: 680-94710
Run Type: DL

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0495.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	1300	U	1300
Acetonitrile	2000	U	2000
Acrolein	1000	U	1000
Acrylonitrile	1000	U	1000
Benzene	50	U	50
Bromodichloromethane	50	U	50
Bromoform	50	U	50
Bromomethane	50	U	50
Methyl Ethyl Ketone	500	U	500
Carbon disulfide	100	U	100
Carbon tetrachloride	50	U	50
Chlorobenzene	1200	D	50
2-Chloro-1,3-butadiene	50	U	50
Chloroethane	50	U	50
Chloroform	50	U	50
Chloromethane	50	U	50
3-Chloro-1-propene	50	U	50
cis-1,2-Dichloroethene	50	U	50
cis-1,3-Dichloropropene	50	U	50
Dibromochloromethane	50	U	50
1,2-Dibromo-3-Chloropropane	50	U	50
Dibromomethane	50	U	50
1,2-Dichlorobenzene	9300	D	50
1,3-Dichlorobenzene	50	U	50
1,4-Dichlorobenzene	250	D	50
Dichlorodifluoromethane	50	U	50
1,1-Dichloroethane	50	U	50
1,2-Dichloroethane	50	U	50
1,1-Dichloroethene	50	U	50
1,2-Dichloropropane	50	U	50
Ethylbenzene	50	U	50
Ethylene Dibromide	50	U	50
Ethyl methacrylate	50	U	50
2-Hexanone	500	U	500
Iodomethane	250	U	250
Isobutyl alcohol	2000	U	2000
Methacrylonitrile	1000	U	1000
Methylene Chloride	250	U	250
Methyl methacrylate	50	U	50
methyl isobutyl ketone	500	U	500
Pentachloroethane	250	U	250
Propionitrile	1000	U	1000
Styrene	50	U	50
1,1,1,2-Tetrachloroethane	50	U	50

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 12/26/2007 1445
Date Prepared: 12/26/2007 1445

Analysis Batch: 680-94710
Run Type: DL

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0495.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	50	U	50
Tetrachloroethene	50	U	50
Toluene	50	U	50
trans-1,4-Dichloro-2-butene	100	U	100
trans-1,2-Dichloroethene	50	U	50
trans-1,3-Dichloropropene	50	U	50
1,1,1-Trichloroethane	50	U	50
1,1,2-Trichloroethane	50	U	50
Trichloroethene	50	U	50
Trichlorofluoromethane	50	U	50
1,2,3-Trichloropropane	50	U	50
Vinyl acetate	100	U	100
Vinyl chloride	50	U	50
Xylenes, Total	100	U	100

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	109	75 - 120
Dibromofluoromethane	89	75 - 121
Toluene-d8 (Surr)	99	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/11/2008 1205
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95848
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.10	U	0.10
Dichlorobiphenyl	0.10	U	0.10
Trichlorobiphenyl	0.10	U	0.10
Tetrachlorobiphenyl	0.20	U	0.20
Pentachlorobiphenyl	0.20	U	0.20
Hexachlorobiphenyl	0.20	U	0.20
Heptachlorobiphenyl	0.30	U	0.30
Octachlorobiphenyl	0.30	U	0.30
Nonachlorobiphenyl	0.50	U	0.50
DCB Decachlorobiphenyl	0.50	U	0.50

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	66	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/11/2008 1337
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95848
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.097	U	0.097
Dichlorobiphenyl	0.097	U	0.097
Trichlorobiphenyl	0.097	U	0.097
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.49	U	0.49
DCB Decachlorobiphenyl	0.49	U	0.49

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	63	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/14/2008 1810
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95852
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 500 mL
Final Weight/Volume: 0.5 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.10	U	0.10
Dichlorobiphenyl	0.10	U	0.10
Trichlorobiphenyl	0.10	U	0.10
Tetrachlorobiphenyl	0.20	U	0.20
Pentachlorobiphenyl	0.20	U	0.20
Hexachlorobiphenyl	0.20	U	0.20
Heptachlorobiphenyl	0.30	U	0.30
Octachlorobiphenyl	0.30	U	0.30
Nonachlorobiphenyl	0.50	U	0.50
DCB Decachlorobiphenyl	0.50	U	0.50

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	52	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/11/2008 1423
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95848
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.094	U	0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	57	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/11/2008 1509
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95848
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.094	U	0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	57	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/11/2008 1555
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95848
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.098	U	0.098
Dichlorobiphenyl	0.098	U	0.098
Trichlorobiphenyl	0.098	U	0.098
Tetrachlorobiphenyl	0.20	U	0.20
Pentachlorobiphenyl	0.20	U	0.20
Hexachlorobiphenyl	0.20	U	0.20
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.49	U	0.49
DCB Decachlorobiphenyl	0.49	U	0.49

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	58	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/14/2008 0017
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95860
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.097	U	0.097
Dichlorobiphenyl	0.097	U	0.097
Trichlorobiphenyl	0.097	U	0.097
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.49	U	0.49
DCB Decachlorobiphenyl	0.49	U	0.49

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	65	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/15/2008 0103
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95860
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.097	U	0.097
Dichlorobiphenyl	0.097	U	0.097
Trichlorobiphenyl	0.097	U	0.097
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.49	U	0.49
DCB Decachlorobiphenyl	0.49	U	0.49

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	60	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/11/2008 1642
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95848
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.094	U	0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	53	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/15/2008 0149
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95860
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.096	U	0.096
Dichlorobiphenyl	0.096	U	0.096
Trichlorobiphenyl	0.096	U	0.096
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.48	U	0.48
DCB Decachlorobiphenyl	0.48	U	0.48

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	58	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/15/2008 0235
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95860
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.094	U	0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	62	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/15/2008 0321
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95860
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.097	U	0.097
Dichlorobiphenyl	0.097	U	0.097
Trichlorobiphenyl	0.097	U	0.097
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.49	U	0.49
DCB Decachlorobiphenyl	0.49	U	0.49

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	57	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/15/2008 0408
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-95860
Prep Batch: 680-93763

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.094	U	0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	64	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1708
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0972.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.6	U	9.6
Acenaphthylene	9.6	U	9.6
Acetophenone	9.6	U	9.6
2-Acetylaminofluorene	9.6	U	9.6
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.6	U	9.6
Aniline	19	U	19
Anthracene	9.6	U	9.6
Aramite, Total	9.6	U	9.6
Benzo[a]anthracene	9.6	U	9.6
Benzo[a]pyrene	9.6	U	9.6
Benzo[b]fluoranthene	9.6	U	9.6
Benzo[g,h,i]perylene	9.6	U	9.6
Benzo[k]fluoranthene	9.6	U	9.6
Benzyl alcohol	9.6	U	9.6
1,1'-Biphenyl	9.6	U	9.6
Bis(2-chloroethoxy)methane	9.6	U	9.6
Bis(2-chloroethyl)ether	9.6	U	9.6
bis(chloroisopropyl) ether	9.6	U	9.6
Bis(2-ethylhexyl) phthalate	9.6	U	9.6
4-Bromophenyl phenyl ether	9.6	U	9.6
Butyl benzyl phthalate	9.6	U	9.6
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.6	U	9.6
2-Chloronaphthalene	9.6	U	9.6
2-Chlorophenol	9.6	U	9.6
4-Chlorophenyl phenyl ether	9.6	U	9.6
Chrysene	9.6	U	9.6
Diallate	9.6	U	9.6
Dibenz(a,h)anthracene	9.6	U	9.6
Dibenzofuran	9.6	U	9.6
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.6	U	9.6
2,6-Dichlorophenol	9.6	U	9.6
Diethyl phthalate	9.6	U	9.6
Dimethoate	9.6	U	9.6
7,12-Dimethylbenz(a)anthracene	9.6	U	9.6
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.6	U	9.6
Dimethyl phthalate	9.6	U	9.6
Di-n-butyl phthalate	9.6	U	9.6
1,3-Dinitrobenzene	9.6	U	9.6
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1708
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0972.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.6	U	9.6
2,6-Dinitrotoluene	9.6	U	9.6
Di-n-octyl phthalate	9.6	U	9.6
1,4-Dioxane	9.6	U	9.6
Disulfoton	9.6	U	9.6
Ethyl methanesulfonate	9.6	U	9.6
Famphur	9.6	U	9.6
Fluoranthene	9.6	U	9.6
Fluorene	9.6	U	9.6
Hexachlorobenzene	9.6	U	9.6
Hexachlorobutadiene	9.6	U	9.6
Hexachlorocyclopentadiene	9.6	U	9.6
Hexachloroethane	9.6	U	9.6
Hexachlorophene	4800	U	4800
Hexachloropropene	9.6	U	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	9.6
Isophorone	9.6	U	9.6
Isosafrole	9.6	U	9.6
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.6	U	9.6
Methyl methanesulfonate	9.6	U	9.6
2-Methylnaphthalene	9.6	U	9.6
Methyl parathion	9.6	U	9.6
2-Methylphenol	9.6	U	9.6
3 & 4 Methylphenol	9.6	U	9.6
Naphthalene	9.6	U	9.6
1,4-Naphthoquinone	9.6	U	9.6
1-Naphthylamine	9.6	U	9.6
2-Naphthylamine	9.6	U	9.6
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	9.6	U	9.6
2-Nitrophenol	9.6	U	9.6
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.6	U	9.6
N-Nitrosodiethylamine	9.6	U	9.6
N-Nitrosodimethylamine	9.6	U	9.6
N-Nitrosodi-n-butylamine	9.6	U	9.6
N-Nitrosodi-n-propylamine	9.6	U	9.6
N-Nitrosodiphenylamine	9.6	U	9.6
N-Nitrosomethylethylamine	9.6	U	9.6
N-Nitrosomorpholine	9.6	U	9.6

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1708
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0972.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.6	U	9.6
N-Nitrosopyrrolidine	9.6	U	9.6
o,o',o''-Triethylphosphorothioate	9.6	U	9.6
Ethyl Parathion	9.6	U	9.6
p-Dimethylamino azobenzene	9.6	U	9.6
Pentachlorobenzene	9.6	U	9.6
Pentachloronitrobenzene	9.6	U	9.6
Pentachlorophenol	48	U	48
Phenacetin	9.6	U	9.6
Phenanthrene	9.6	U	9.6
Phenol	9.6	U	9.6
Phorate	9.6	U	9.6
2-Picoline	9.6	U	9.6
p-Phenylene diamine	1900	U	1900
Pronamide	9.6	U	9.6
Pyrene	9.6	U	9.6
Pyridine	48	U	48
Safrole, Total	9.6	U	9.6
Sulfotepp	9.6	U	9.6
1,2,4,5-Tetrachlorobenzene	9.6	U	9.6
2,3,4,6-Tetrachlorophenol	9.6	U	9.6
Thionazin	9.6	U	9.6
2-Toluidine	9.6	U	9.6
1,2,4-Trichlorobenzene	9.6	U	9.6
2,4,5-Trichlorophenol	9.6	U	9.6
2,4,6-Trichlorophenol	9.6	U	9.6
1,3,5-Trinitrobenzene	9.6	U	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	75	50 - 113
2-Fluorophenol	74	36 - 110
Nitrobenzene-d5	77	45 - 112
Phenol-d5	89	38 - 116
Terphenyl-d14	73	10 - 121
2,4,6-Tribromophenol	100	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/12/2008 1454
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95699
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0996.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.6	U	9.6
Acenaphthylene	9.6	U	9.6
Acetophenone	9.6	U	9.6
2-Acetylaminofluorene	9.6	U	9.6
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.6	U	9.6
Aniline	19	U	19
Anthracene	9.6	U	9.6
Aramite, Total	9.6	U	9.6
Benzo[a]anthracene	9.6	U	9.6
Benzo[a]pyrene	9.6	U	9.6
Benzo[b]fluoranthene	9.6	U	9.6
Benzo[g,h,i]perylene	9.6	U	9.6
Benzo[k]fluoranthene	9.6	U	9.6
Benzyl alcohol	9.6	U	9.6
1,1'-Biphenyl	9.6	U	9.6
Bis(2-chloroethoxy)methane	9.6	U	9.6
Bis(2-chloroethyl)ether	9.6	U	9.6
bis(chloroisopropyl) ether	9.6	U	9.6
Bis(2-ethylhexyl) phthalate	9.6	U	9.6
4-Bromophenyl phenyl ether	9.6	U	9.6
Butyl benzyl phthalate	9.6	U	9.6
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.6	U	9.6
2-Chloronaphthalene	9.6	U	9.6
2-Chlorophenol	11		9.6
4-Chlorophenyl phenyl ether	9.6	U	9.6
Chrysene	9.6	U	9.6
Diallate	9.6	U	9.6
Dibenz(a,h)anthracene	9.6	U	9.6
Dibenzofuran	9.6	U	9.6
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.6	U	9.6
2,6-Dichlorophenol	9.6	U	9.6
Diethyl phthalate	9.6	U	9.6
Dimethoate	9.6	U	9.6
7,12-Dimethylbenz(a)anthracene	9.6	U	9.6
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.6	U	9.6
Dimethyl phthalate	9.6	U	9.6
Di-n-butyl phthalate	9.6	U	9.6
1,3-Dinitrobenzene	9.6	U	9.6
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/12/2008 1454
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95699
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0996.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.6	U	9.6
2,6-Dinitrotoluene	9.6	U	9.6
Di-n-octyl phthalate	9.6	U	9.6
1,4-Dioxane	9.6	U	9.6
Disulfoton	9.6	U	9.6
Ethyl methanesulfonate	9.6	U	9.6
Famphur	9.6	U	9.6
Fluoranthene	9.6	U	9.6
Fluorene	9.6	U	9.6
Hexachlorobenzene	9.6	U	9.6
Hexachlorobutadiene	9.6	U	9.6
Hexachlorocyclopentadiene	9.6	U	9.6
Hexachloroethane	9.6	U	9.6
Hexachlorophene	4800	U	4800
Hexachloropropene	9.6	U	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	9.6
Isophorone	9.6	U	9.6
Isosafrole	9.6	U	9.6
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.6	U	9.6
Methyl methanesulfonate	9.6	U	9.6
2-Methylnaphthalene	9.6	U	9.6
Methyl parathion	9.6	U	9.6
2-Methylphenol	9.6	U	9.6
3 & 4 Methylphenol	9.6	U	9.6
Naphthalene	9.6	U	9.6
1,4-Naphthoquinone	9.6	U	9.6
1-Naphthylamine	9.6	U	9.6
2-Naphthylamine	9.6	U	9.6
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	9.6	U	9.6
2-Nitrophenol	9.6	U	9.6
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.6	U	9.6
N-Nitrosodiethylamine	9.6	U	9.6
N-Nitrosodimethylamine	9.6	U	9.6
N-Nitrosodi-n-butylamine	9.6	U	9.6
N-Nitrosodi-n-propylamine	9.6	U	9.6
N-Nitrosodiphenylamine	9.6	U	9.6
N-Nitrosomethylethylamine	9.6	U	9.6
N-Nitrosomorpholine	9.6	U	9.6

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/12/2008 1454
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95699
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0996.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.6	U	9.6
N-Nitrosopyrrolidine	9.6	U	9.6
o,o',o''-Triethylphosphorothioate	9.6	U	9.6
Ethyl Parathion	9.6	U	9.6
p-Dimethylamino azobenzene	9.6	U	9.6
Pentachlorobenzene	9.6	U	9.6
Pentachloronitrobenzene	9.6	U	9.6
Pentachlorophenol	48	U	48
Phenacetin	9.6	U	9.6
Phenanthrene	9.6	U	9.6
Phenol	9.6	U	9.6
Phorate	9.6	U	9.6
2-Picoline	9.6	U	9.6
p-Phenylene diamine	1900	U	1900
Pronamide	9.6	U	9.6
Pyrene	9.6	U	9.6
Pyridine	48	U	48
Safrole, Total	9.6	U	9.6
Sulfotepp	9.6	U	9.6
1,2,4,5-Tetrachlorobenzene	9.6	U	9.6
2,3,4,6-Tetrachlorophenol	9.6	U	9.6
Thionazin	9.6	U	9.6
2-Toluidine	9.6	U	9.6
1,2,4-Trichlorobenzene	9.6	U	9.6
2,4,5-Trichlorophenol	9.6	U	9.6
2,4,6-Trichlorophenol	9.6	U	9.6
1,3,5-Trinitrobenzene	9.6	U	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	77	50 - 113
2-Fluorophenol	80	36 - 110
Nitrobenzene-d5	78	45 - 112
Phenol-d5	101	38 - 116
Terphenyl-d14	87	10 - 121
2,4,6-Tribromophenol	101	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1753
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0974.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.6	U	9.6
Acenaphthylene	9.6	U	9.6
Acetophenone	9.6	U	9.6
2-Acetylaminofluorene	9.6	U	9.6
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.6	U	9.6
Aniline	19	U	19
Anthracene	9.6	U	9.6
Aramite, Total	9.6	U	9.6
Benzo[a]anthracene	9.6	U	9.6
Benzo[a]pyrene	9.6	U	9.6
Benzo[b]fluoranthene	9.6	U	9.6
Benzo[g,h,i]perylene	9.6	U	9.6
Benzo[k]fluoranthene	9.6	U	9.6
Benzyl alcohol	9.6	U	9.6
1,1'-Biphenyl	9.6	U	9.6
Bis(2-chloroethoxy)methane	9.6	U	9.6
Bis(2-chloroethyl)ether	9.6	U	9.6
bis(chloroisopropyl) ether	9.6	U	9.6
Bis(2-ethylhexyl) phthalate	9.6	U	9.6
4-Bromophenyl phenyl ether	9.6	U	9.6
Butyl benzyl phthalate	9.6	U	9.6
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.6	U	9.6
2-Chloronaphthalene	9.6	U	9.6
2-Chlorophenol	9.6	U	9.6
4-Chlorophenyl phenyl ether	9.6	U	9.6
Chrysene	9.6	U	9.6
Diallate	9.6	U	9.6
Dibenz(a,h)anthracene	9.6	U	9.6
Dibenzofuran	9.6	U	9.6
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.6	U	9.6
2,6-Dichlorophenol	9.6	U	9.6
Diethyl phthalate	9.6	U	9.6
Dimethoate	9.6	U	9.6
7,12-Dimethylbenz(a)anthracene	9.6	U	9.6
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.6	U	9.6
Dimethyl phthalate	9.6	U	9.6
Di-n-butyl phthalate	9.6	U	9.6
1,3-Dinitrobenzene	9.6	U	9.6
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1753
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0974.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.6	U	9.6
2,6-Dinitrotoluene	9.6	U	9.6
Di-n-octyl phthalate	9.6	U	9.6
1,4-Dioxane	9.6	U	9.6
Disulfoton	9.6	U	9.6
Ethyl methanesulfonate	9.6	U	9.6
Famphur	9.6	U	9.6
Fluoranthene	9.6	U	9.6
Fluorene	9.6	U	9.6
Hexachlorobenzene	9.6	U	9.6
Hexachlorobutadiene	9.6	U	9.6
Hexachlorocyclopentadiene	9.6	U	9.6
Hexachloroethane	9.6	U	9.6
Hexachlorophene	4800	U	4800
Hexachloropropene	9.6	U	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	9.6
Isophorone	9.6	U	9.6
Isosafrole	9.6	U	9.6
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.6	U	9.6
Methyl methanesulfonate	9.6	U	9.6
2-Methylnaphthalene	9.6	U	9.6
Methyl parathion	9.6	U	9.6
2-Methylphenol	9.6	U	9.6
3 & 4 Methylphenol	9.6	U	9.6
Naphthalene	9.6	U	9.6
1,4-Naphthoquinone	9.6	U	9.6
1-Naphthylamine	9.6	U	9.6
2-Naphthylamine	9.6	U	9.6
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	9.6	U	9.6
2-Nitrophenol	9.6	U	9.6
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.6	U	9.6
N-Nitrosodiethylamine	9.6	U	9.6
N-Nitrosodimethylamine	9.6	U	9.6
N-Nitrosodi-n-butylamine	9.6	U	9.6
N-Nitrosodi-n-propylamine	9.6	U	9.6
N-Nitrosodiphenylamine	9.6	U	9.6
N-Nitrosomethylethylamine	9.6	U	9.6
N-Nitrosomorpholine	9.6	U	9.6

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1753
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0974.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.6	U	9.6
N-Nitrosopyrrolidine	9.6	U	9.6
o,o',o''-Triethylphosphorothioate	9.6	U	9.6
Ethyl Parathion	9.6	U	9.6
p-Dimethylamino azobenzene	9.6	U	9.6
Pentachlorobenzene	9.6	U	9.6
Pentachloronitrobenzene	9.6	U	9.6
Pentachlorophenol	48	U	48
Phenacetin	9.6	U	9.6
Phenanthrene	9.6	U	9.6
Phenol	9.6	U	9.6
Phorate	9.6	U	9.6
2-Picoline	9.6	U	9.6
p-Phenylene diamine	1900	U	1900
Pronamide	9.6	U	9.6
Pyrene	9.6	U	9.6
Pyridine	48	U	48
Safrole, Total	9.6	U	9.6
Sulfotepp	9.6	U	9.6
1,2,4,5-Tetrachlorobenzene	9.6	U	9.6
2,3,4,6-Tetrachlorophenol	9.6	U	9.6
Thionazin	9.6	U	9.6
2-Toluidine	9.6	U	9.6
1,2,4-Trichlorobenzene	9.6	U	9.6
2,4,5-Trichlorophenol	9.6	U	9.6
2,4,6-Trichlorophenol	9.6	U	9.6
1,3,5-Trinitrobenzene	9.6	U	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	80	50 - 113
2-Fluorophenol	87	36 - 110
Nitrobenzene-d5	83	45 - 112
Phenol-d5	103	38 - 116
Terphenyl-d14	98	10 - 121
2,4,6-Tribromophenol	108	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1624
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0970.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.6	U	9.6
Acenaphthylene	9.6	U	9.6
Acetophenone	9.6	U	9.6
2-Acetylaminofluorene	9.6	U	9.6
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.6	U	9.6
Aniline	19	U	19
Anthracene	9.6	U	9.6
Aramite, Total	9.6	U	9.6
Benzo[a]anthracene	9.6	U	9.6
Benzo[a]pyrene	9.6	U	9.6
Benzo[b]fluoranthene	9.6	U	9.6
Benzo[g,h,i]perylene	9.6	U	9.6
Benzo[k]fluoranthene	9.6	U	9.6
Benzyl alcohol	9.6	U	9.6
1,1'-Biphenyl	9.6	U	9.6
Bis(2-chloroethoxy)methane	9.6	U	9.6
Bis(2-chloroethyl)ether	9.6	U	9.6
bis(chloroisopropyl) ether	9.6	U	9.6
Bis(2-ethylhexyl) phthalate	9.6	U	9.6
4-Bromophenyl phenyl ether	9.6	U	9.6
Butyl benzyl phthalate	9.6	U	9.6
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.6	U	9.6
2-Chloronaphthalene	9.6	U	9.6
2-Chlorophenol	14		9.6
4-Chlorophenyl phenyl ether	9.6	U	9.6
Chrysene	9.6	U	9.6
Diallate	9.6	U	9.6
Dibenz(a,h)anthracene	9.6	U	9.6
Dibenzofuran	9.6	U	9.6
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.6	U	9.6
2,6-Dichlorophenol	9.6	U	9.6
Diethyl phthalate	9.6	U	9.6
Dimethoate	9.6	U	9.6
7,12-Dimethylbenz(a)anthracene	9.6	U	9.6
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.6	U	9.6
Dimethyl phthalate	9.6	U	9.6
Di-n-butyl phthalate	9.6	U	9.6
1,3-Dinitrobenzene	9.6	U	9.6
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1624
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0970.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.6	U	9.6
2,6-Dinitrotoluene	9.6	U	9.6
Di-n-octyl phthalate	9.6	U	9.6
1,4-Dioxane	13		9.6
Disulfoton	9.6	U	9.6
Ethyl methanesulfonate	9.6	U	9.6
Famphur	9.6	U	9.6
Fluoranthene	9.6	U	9.6
Fluorene	9.6	U	9.6
Hexachlorobenzene	9.6	U	9.6
Hexachlorobutadiene	9.6	U	9.6
Hexachlorocyclopentadiene	9.6	U	9.6
Hexachloroethane	9.6	U	9.6
Hexachlorophene	4800	U	4800
Hexachloropropene	9.6	U	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	9.6
Isophorone	9.6	U	9.6
Isosafrole	9.6	U	9.6
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.6	U	9.6
Methyl methanesulfonate	9.6	U	9.6
2-Methylnaphthalene	9.6	U	9.6
Methyl parathion	9.6	U	9.6
2-Methylphenol	9.6	U	9.6
3 & 4 Methylphenol	9.6	U	9.6
Naphthalene	9.6	U	9.6
1,4-Naphthoquinone	9.6	U	9.6
1-Naphthylamine	9.6	U	9.6
2-Naphthylamine	9.6	U	9.6
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	9.6	U	9.6
2-Nitrophenol	9.6	U	9.6
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.6	U	9.6
N-Nitrosodiethylamine	9.6	U	9.6
N-Nitrosodimethylamine	9.6	U	9.6
N-Nitrosodi-n-butylamine	9.6	U	9.6
N-Nitrosodi-n-propylamine	9.6	U	9.6
N-Nitrosodiphenylamine	9.6	U	9.6
N-Nitrosomethylethylamine	9.6	U	9.6
N-Nitrosomorpholine	9.6	U	9.6

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1624
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0970.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.6	U	9.6
N-Nitrosopyrrolidine	9.6	U	9.6
o,o',o''-Triethylphosphorothioate	9.6	U	9.6
Ethyl Parathion	9.6	U	9.6
p-Dimethylamino azobenzene	9.6	U	9.6
Pentachlorobenzene	9.6	U	9.6
Pentachloronitrobenzene	9.6	U	9.6
Pentachlorophenol	48	U	48
Phenacetin	9.6	U	9.6
Phenanthrene	9.6	U	9.6
Phenol	32		9.6
Phorate	9.6	U	9.6
2-Picoline	9.6	U	9.6
p-Phenylene diamine	1900	U	1900
Pronamide	9.6	U	9.6
Pyrene	9.6	U	9.6
Pyridine	48	U	48
Safrole, Total	9.6	U	9.6
Sulfotepp	9.6	U	9.6
1,2,4,5-Tetrachlorobenzene	9.6	U	9.6
2,3,4,6-Tetrachlorophenol	9.6	U	9.6
Thionazin	9.6	U	9.6
2-Toluidine	9.6	U	9.6
1,2,4-Trichlorobenzene	9.6	U	9.6
2,4,5-Trichlorophenol	9.6	U	9.6
2,4,6-Trichlorophenol	9.6	U	9.6
1,3,5-Trinitrobenzene	9.6	U	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	68	50 - 113
2-Fluorophenol	71	36 - 110
Nitrobenzene-d5	75	45 - 112
Phenol-d5	88	38 - 116
Terphenyl-d14	65	10 - 121
2,4,6-Tribromophenol	96	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1646
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0971.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.6	U	9.6
Acenaphthylene	9.6	U	9.6
Acetophenone	9.6	U	9.6
2-Acetylaminofluorene	9.6	U	9.6
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.6	U	9.6
Aniline	19	U	19
Anthracene	9.6	U	9.6
Aramite, Total	9.6	U	9.6
Benzo[a]anthracene	9.6	U	9.6
Benzo[a]pyrene	9.6	U	9.6
Benzo[b]fluoranthene	9.6	U	9.6
Benzo[g,h,i]perylene	9.6	U	9.6
Benzo[k]fluoranthene	9.6	U	9.6
Benzyl alcohol	9.6	U	9.6
1,1'-Biphenyl	9.6	U	9.6
Bis(2-chloroethoxy)methane	9.6	U	9.6
Bis(2-chloroethyl)ether	9.6	U	9.6
bis(chloroisopropyl) ether	9.6	U	9.6
Bis(2-ethylhexyl) phthalate	9.6	U	9.6
4-Bromophenyl phenyl ether	9.6	U	9.6
Butyl benzyl phthalate	9.6	U	9.6
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.6	U	9.6
2-Chloronaphthalene	9.6	U	9.6
2-Chlorophenol	9.6	U	9.6
4-Chlorophenyl phenyl ether	9.6	U	9.6
Chrysene	9.6	U	9.6
Diallate	9.6	U	9.6
Dibenz(a,h)anthracene	9.6	U	9.6
Dibenzofuran	9.6	U	9.6
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.6	U	9.6
2,6-Dichlorophenol	9.6	U	9.6
Diethyl phthalate	9.6	U	9.6
Dimethoate	9.6	U	9.6
7,12-Dimethylbenz(a)anthracene	9.6	U	9.6
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.6	U	9.6
Dimethyl phthalate	9.6	U	9.6
Di-n-butyl phthalate	9.6	U	9.6
1,3-Dinitrobenzene	9.6	U	9.6
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1646
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0971.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.6	U	9.6
2,6-Dinitrotoluene	9.6	U	9.6
Di-n-octyl phthalate	9.6	U	9.6
1,4-Dioxane	9.6	U	9.6
Disulfoton	9.6	U	9.6
Ethyl methanesulfonate	9.6	U	9.6
Famphur	9.6	U	9.6
Fluoranthene	9.6	U	9.6
Fluorene	9.6	U	9.6
Hexachlorobenzene	9.6	U	9.6
Hexachlorobutadiene	9.6	U	9.6
Hexachlorocyclopentadiene	9.6	U	9.6
Hexachloroethane	9.6	U	9.6
Hexachlorophene	4800	U	4800
Hexachloropropene	9.6	U	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	9.6
Isophorone	9.6	U	9.6
Isosafrole	9.6	U	9.6
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.6	U	9.6
Methyl methanesulfonate	9.6	U	9.6
2-Methylnaphthalene	9.6	U	9.6
Methyl parathion	9.6	U	9.6
2-Methylphenol	9.6	U	9.6
3 & 4 Methylphenol	9.6	U	9.6
Naphthalene	9.6	U	9.6
1,4-Naphthoquinone	9.6	U	9.6
1-Naphthylamine	9.6	U	9.6
2-Naphthylamine	9.6	U	9.6
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	9.6	U	9.6
2-Nitrophenol	9.6	U	9.6
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.6	U	9.6
N-Nitrosodiethylamine	9.6	U	9.6
N-Nitrosodimethylamine	9.6	U	9.6
N-Nitrosodi-n-butylamine	9.6	U	9.6
N-Nitrosodi-n-propylamine	9.6	U	9.6
N-Nitrosodiphenylamine	9.6	U	9.6
N-Nitrosomethylethylamine	9.6	U	9.6
N-Nitrosomorpholine	9.6	U	9.6

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1646
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-95682
Prep Batch: 680-93456

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0971.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.6	U	9.6
N-Nitrosopyrrolidine	9.6	U	9.6
o,o',o''-Triethylphosphorothioate	9.6	U	9.6
Ethyl Parathion	9.6	U	9.6
p-Dimethylamino azobenzene	9.6	U	9.6
Pentachlorobenzene	9.6	U	9.6
Pentachloronitrobenzene	9.6	U	9.6
Pentachlorophenol	48	U	48
Phenacetin	9.6	U	9.6
Phenanthrene	9.6	U	9.6
Phenol	9.6	U	9.6
Phorate	9.6	U	9.6
2-Picoline	9.6	U	9.6
p-Phenylene diamine	1900	U	1900
Pronamide	9.6	U	9.6
Pyrene	9.6	U	9.6
Pyridine	48	U	48
Safrole, Total	9.6	U	9.6
Sulfotepp	9.6	U	9.6
1,2,4,5-Tetrachlorobenzene	9.6	U	9.6
2,3,4,6-Tetrachlorophenol	9.6	U	9.6
Thionazin	9.6	U	9.6
2-Toluidine	9.6	U	9.6
1,2,4-Trichlorobenzene	9.6	U	9.6
2,4,5-Trichlorophenol	9.6	U	9.6
2,4,6-Trichlorophenol	9.6	U	9.6
1,3,5-Trinitrobenzene	9.6	U	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	50 - 113
2-Fluorophenol	69	36 - 110
Nitrobenzene-d5	74	45 - 112
Phenol-d5	84	38 - 116
Terphenyl-d14	51	10 - 121
2,4,6-Tribromophenol	93	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1815
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95682
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0975.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	280	E	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	9.4	U	9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1815
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95682
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0975.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/11/2008 1815
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95682
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0975.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	9.4	U	9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	50 - 113
2-Fluorophenol	75	36 - 110
Nitrobenzene-d5	78	45 - 112
Phenol-d5	88	38 - 116
Terphenyl-d14	43	10 - 121
2,4,6-Tribromophenol	95	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 2.0
Date Analyzed: 01/11/2008 1837
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95682
Prep Batch: 680-94015
Run Type: DL

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0976.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	19	U	19
Acenaphthylene	19	U	19
Acetophenone	19	U	19
2-Acetylaminofluorene	19	U	19
alpha,alpha-Dimethyl phenethylamine	3800	U	3800
4-Aminobiphenyl	19	U	19
Aniline	38	U	38
Anthracene	19	U	19
Aramite, Total	19	U	19
Benzo[a]anthracene	19	U	19
Benzo[a]pyrene	19	U	19
Benzo[b]fluoranthene	19	U	19
Benzo[g,h,i]perylene	19	U	19
Benzo[k]fluoranthene	19	U	19
Benzyl alcohol	19	U	19
1,1'-Biphenyl	19	U	19
Bis(2-chloroethoxy)methane	19	U	19
Bis(2-chloroethyl)ether	19	U	19
bis(chloroisopropyl) ether	19	U	19
Bis(2-ethylhexyl) phthalate	19	U	19
4-Bromophenyl phenyl ether	19	U	19
Butyl benzyl phthalate	19	U	19
4-Chloroaniline	250	D	38
4-Chloro-3-methylphenol	19	U	19
2-Chloronaphthalene	19	U	19
2-Chlorophenol	19	U	19
4-Chlorophenyl phenyl ether	19	U	19
Chrysene	19	U	19
Diallate	19	U	19
Dibenz(a,h)anthracene	19	U	19
Dibenzofuran	19	U	19
3,3'-Dichlorobenzidine	38	U	38
2,4-Dichlorophenol	19	U	19
2,6-Dichlorophenol	19	U	19
Diethyl phthalate	19	U	19
Dimethoate	19	U	19
7,12-Dimethylbenz(a)anthracene	19	U	19
3,3'-Dimethylbenzidine	38	U	38
2,4-Dimethylphenol	19	U	19
Dimethyl phthalate	19	U	19
Di-n-butyl phthalate	19	U	19
1,3-Dinitrobenzene	19	U	19
4,6-Dinitro-2-methylphenol	94	U	94
2,4-Dinitrophenol	94	U	94

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 2.0
Date Analyzed: 01/11/2008 1837
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95682
Prep Batch: 680-94015
Run Type: DL

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0976.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	19	U	19
2,6-Dinitrotoluene	19	U	19
Di-n-octyl phthalate	19	U	19
1,4-Dioxane	19	U	19
Disulfoton	19	U	19
Ethyl methanesulfonate	19	U	19
Famphur	19	U	19
Fluoranthene	19	U	19
Fluorene	19	U	19
Hexachlorobenzene	19	U	19
Hexachlorobutadiene	19	U	19
Hexachlorocyclopentadiene	19	U	19
Hexachloroethane	19	U	19
Hexachlorophene	9400	U	9400
Hexachloropropene	19	U	19
Indeno[1,2,3-cd]pyrene	19	U	19
Isophorone	19	U	19
Isosafrole	19	U	19
Methapyrilene	3800	U	3800
3-Methylcholanthrene	19	U	19
Methyl methanesulfonate	19	U	19
2-Methylnaphthalene	19	U	19
Methyl parathion	19	U	19
2-Methylphenol	19	U	19
3 & 4 Methylphenol	19	U	19
Naphthalene	19	U	19
1,4-Naphthoquinone	19	U	19
1-Naphthylamine	19	U	19
2-Naphthylamine	19	U	19
2-Nitroaniline	94	U	94
3-Nitroaniline	94	U	94
4-Nitroaniline	94	U	94
Nitrobenzene	19	U	19
2-Nitrophenol	19	U	19
4-Nitrophenol	94	U	94
4-Nitroquinoline-1-oxide	38	U	38
N-Nitro-o-toluidine	19	U	19
N-Nitrosodiethylamine	19	U	19
N-Nitrosodimethylamine	19	U	19
N-Nitrosodi-n-butylamine	19	U	19
N-Nitrosodi-n-propylamine	19	U	19
N-Nitrosodiphenylamine	19	U	19
N-Nitrosomethylethylamine	19	U	19
N-Nitrosomorpholine	19	U	19

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95682		Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-94015		Lab File ID:	g0976.d
Dilution:	2.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	01/11/2008 1837	Run Type:	DL	Final Weight/Volume:	1 mL
Date Prepared:	12/19/2007 1550			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	19	U	19
N-Nitrosopyrrolidine	19	U	19
o,o',o''-Triethylphosphorothioate	19	U	19
Ethyl Parathion	19	U	19
p-Dimethylamino azobenzene	19	U	19
Pentachlorobenzene	19	U	19
Pentachloronitrobenzene	19	U	19
Pentachlorophenol	94	U	94
Phenacetin	19	U	19
Phenanthrene	19	U	19
Phenol	19	U	19
Phorate	19	U	19
2-Picoline	19	U	19
p-Phenylene diamine	3800	U	3800
Pronamide	19	U	19
Pyrene	19	U	19
Pyridine	94	U	94
Safrole, Total	19	U	19
Sulfotepp	19	U	19
1,2,4,5-Tetrachlorobenzene	19	U	19
2,3,4,6-Tetrachlorophenol	19	U	19
Thionazin	19	U	19
2-Toluidine	19	U	19
1,2,4-Trichlorobenzene	19	U	19
2,4,5-Trichlorophenol	19	U	19
2,4,6-Trichlorophenol	19	U	19
1,3,5-Trinitrobenzene	19	U	19

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	66	50 - 113
2-Fluorophenol	62	36 - 110
Nitrobenzene-d5	71	45 - 112
Phenol-d5	71	38 - 116
Terphenyl-d14	39	10 - 121
2,4,6-Tribromophenol	77	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1839
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0934.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.7	U	9.7
Acenaphthylene	9.7	U	9.7
Acetophenone	9.7	U	9.7
2-Acetylaminofluorene	9.7	U	9.7
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.7	U	9.7
Aniline	19	U	19
Anthracene	9.7	U	9.7
Aramite, Total	9.7	U	9.7
Benzo[a]anthracene	9.7	U	9.7
Benzo[a]pyrene	9.7	U	9.7
Benzo[b]fluoranthene	9.7	U	9.7
Benzo[g,h,i]perylene	9.7	U	9.7
Benzo[k]fluoranthene	9.7	U	9.7
Benzyl alcohol	9.7	U	9.7
1,1'-Biphenyl	9.7	U	9.7
Bis(2-chloroethoxy)methane	9.7	U	9.7
Bis(2-chloroethyl)ether	9.7	U	9.7
bis(chloroisopropyl) ether	9.7	U	9.7
Bis(2-ethylhexyl) phthalate	9.7	U	9.7
4-Bromophenyl phenyl ether	9.7	U	9.7
Butyl benzyl phthalate	9.7	U	9.7
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.7	U	9.7
2-Chloronaphthalene	9.7	U	9.7
2-Chlorophenol	15		9.7
4-Chlorophenyl phenyl ether	9.7	U	9.7
Chrysene	9.7	U	9.7
Diallate	9.7	U	9.7
Dibenz(a,h)anthracene	9.7	U	9.7
Dibenzofuran	9.7	U	9.7
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.7	U	9.7
2,6-Dichlorophenol	9.7	U	9.7
Diethyl phthalate	9.7	U	9.7
Dimethoate	9.7	U	9.7
7,12-Dimethylbenz(a)anthracene	9.7	U	9.7
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.7	U	9.7
Dimethyl phthalate	9.7	U	9.7
Di-n-butyl phthalate	9.7	U	9.7
1,3-Dinitrobenzene	9.7	U	9.7
4,6-Dinitro-2-methylphenol	49	U	49
2,4-Dinitrophenol	49	U	49

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1839
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0934.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.7	U	9.7
2,6-Dinitrotoluene	9.7	U	9.7
Di-n-octyl phthalate	9.7	U	9.7
1,4-Dioxane	45		9.7
Disulfoton	9.7	U	9.7
Ethyl methanesulfonate	9.7	U	9.7
Famphur	9.7	U	9.7
Fluoranthene	9.7	U	9.7
Fluorene	9.7	U	9.7
Hexachlorobenzene	9.7	U	9.7
Hexachlorobutadiene	9.7	U	9.7
Hexachlorocyclopentadiene	9.7	U	9.7
Hexachloroethane	9.7	U	9.7
Hexachlorophene	4900	U	4900
Hexachloropropene	9.7	U	9.7
Indeno[1,2,3-cd]pyrene	9.7	U	9.7
Isophorone	9.7	U	9.7
Isosafrole	9.7	U	9.7
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.7	U	9.7
Methyl methanesulfonate	9.7	U	9.7
2-Methylnaphthalene	9.7	U	9.7
Methyl parathion	9.7	U	9.7
2-Methylphenol	9.7	U	9.7
3 & 4 Methylphenol	9.7	U	9.7
Naphthalene	9.7	U	9.7
1,4-Naphthoquinone	9.7	U	9.7
1-Naphthylamine	9.7	U	9.7
2-Naphthylamine	9.7	U	9.7
2-Nitroaniline	49	U	49
3-Nitroaniline	49	U	49
4-Nitroaniline	49	U	49
Nitrobenzene	9.7	U	9.7
2-Nitrophenol	9.7	U	9.7
4-Nitrophenol	49	U	49
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.7	U	9.7
N-Nitrosodiethylamine	9.7	U	9.7
N-Nitrosodimethylamine	9.7	U	9.7
N-Nitrosodi-n-butylamine	9.7	U	9.7
N-Nitrosodi-n-propylamine	9.7	U	9.7
N-Nitrosodiphenylamine	9.7	U	9.7
N-Nitrosomethylethylamine	9.7	U	9.7
N-Nitrosomorpholine	9.7	U	9.7

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1839
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0934.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.7	U	9.7
N-Nitrosopyrrolidine	9.7	U	9.7
o,o',o''-Triethylphosphorothioate	9.7	U	9.7
Ethyl Parathion	9.7	U	9.7
p-Dimethylamino azobenzene	9.7	U	9.7
Pentachlorobenzene	9.7	U	9.7
Pentachloronitrobenzene	9.7	U	9.7
Pentachlorophenol	49	U	49
Phenacetin	9.7	U	9.7
Phenanthrene	9.7	U	9.7
Phenol	26		9.7
Phorate	9.7	U	9.7
2-Picoline	9.7	U	9.7
p-Phenylene diamine	1900	U	1900
Pronamide	9.7	U	9.7
Pyrene	9.7	U	9.7
Pyridine	49	U	49
Safrole, Total	9.7	U	9.7
Sulfotepp	9.7	U	9.7
1,2,4,5-Tetrachlorobenzene	9.7	U	9.7
2,3,4,6-Tetrachlorophenol	9.7	U	9.7
Thionazin	9.7	U	9.7
2-Toluidine	9.7	U	9.7
1,2,4-Trichlorobenzene	9.7	U	9.7
2,4,5-Trichlorophenol	9.7	U	9.7
2,4,6-Trichlorophenol	9.7	U	9.7
1,3,5-Trinitrobenzene	9.7	U	9.7

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	64	50 - 113
2-Fluorophenol	60	36 - 110
Nitrobenzene-d5	64	45 - 112
Phenol-d5	67	38 - 116
Terphenyl-d14	44	10 - 121
2,4,6-Tribromophenol	81	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1901
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0935.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	14		9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1901
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0935.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	49		9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95474	Instrument ID: GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-94015	Lab File ID: g0935.d
Dilution:	1.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	01/09/2008 1901		Final Weight/Volume: 1 mL
Date Prepared:	12/19/2007 1550		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	18		9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	76	50 - 113
2-Fluorophenol	67	36 - 110
Nitrobenzene-d5	75	45 - 112
Phenol-d5	69	38 - 116
Terphenyl-d14	40	10 - 121
2,4,6-Tribromophenol	83	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1924
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0936.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.8	U	9.8
Acenaphthylene	9.8	U	9.8
Acetophenone	9.8	U	9.8
2-Acetylaminofluorene	9.8	U	9.8
alpha,alpha-Dimethyl phenethylamine	2000	U	2000
4-Aminobiphenyl	9.8	U	9.8
Aniline	20	U	20
Anthracene	9.8	U	9.8
Aramite, Total	9.8	U	9.8
Benzo[a]anthracene	9.8	U	9.8
Benzo[a]pyrene	9.8	U	9.8
Benzo[b]fluoranthene	9.8	U	9.8
Benzo[g,h,i]perylene	9.8	U	9.8
Benzo[k]fluoranthene	9.8	U	9.8
Benzyl alcohol	9.8	U	9.8
1,1'-Biphenyl	9.8	U	9.8
Bis(2-chloroethoxy)methane	9.8	U	9.8
Bis(2-chloroethyl)ether	9.8	U	9.8
bis(chloroisopropyl) ether	9.8	U	9.8
Bis(2-ethylhexyl) phthalate	9.8	U	9.8
4-Bromophenyl phenyl ether	9.8	U	9.8
Butyl benzyl phthalate	9.8	U	9.8
4-Chloroaniline	20	U	20
4-Chloro-3-methylphenol	9.8	U	9.8
2-Chloronaphthalene	9.8	U	9.8
2-Chlorophenol	9.8	U	9.8
4-Chlorophenyl phenyl ether	9.8	U	9.8
Chrysene	9.8	U	9.8
Diallate	9.8	U	9.8
Dibenz(a,h)anthracene	9.8	U	9.8
Dibenzofuran	9.8	U	9.8
3,3'-Dichlorobenzidine	20	U	20
2,4-Dichlorophenol	9.8	U	9.8
2,6-Dichlorophenol	9.8	U	9.8
Diethyl phthalate	9.8	U	9.8
Dimethoate	9.8	U	9.8
7,12-Dimethylbenz(a)anthracene	9.8	U	9.8
3,3'-Dimethylbenzidine	20	U	20
2,4-Dimethylphenol	9.8	U	9.8
Dimethyl phthalate	9.8	U	9.8
Di-n-butyl phthalate	9.8	U	9.8
1,3-Dinitrobenzene	9.8	U	9.8
4,6-Dinitro-2-methylphenol	49	U	49
2,4-Dinitrophenol	49	U	49

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1924
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0936.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.8	U	9.8
2,6-Dinitrotoluene	9.8	U	9.8
Di-n-octyl phthalate	9.8	U	9.8
1,4-Dioxane	9.8	U	9.8
Disulfoton	9.8	U	9.8
Ethyl methanesulfonate	9.8	U	9.8
Famphur	9.8	U	9.8
Fluoranthene	9.8	U	9.8
Fluorene	9.8	U	9.8
Hexachlorobenzene	9.8	U	9.8
Hexachlorobutadiene	9.8	U	9.8
Hexachlorocyclopentadiene	9.8	U	9.8
Hexachloroethane	9.8	U	9.8
Hexachlorophene	4900	U	4900
Hexachloropropene	9.8	U	9.8
Indeno[1,2,3-cd]pyrene	9.8	U	9.8
Isophorone	9.8	U	9.8
Isosafrole	9.8	U	9.8
Methapyrilene	2000	U	2000
3-Methylcholanthrene	9.8	U	9.8
Methyl methanesulfonate	9.8	U	9.8
2-Methylnaphthalene	9.8	U	9.8
Methyl parathion	9.8	U	9.8
2-Methylphenol	9.8	U	9.8
3 & 4 Methylphenol	9.8	U	9.8
Naphthalene	9.8	U	9.8
1,4-Naphthoquinone	9.8	U	9.8
1-Naphthylamine	9.8	U	9.8
2-Naphthylamine	9.8	U	9.8
2-Nitroaniline	49	U	49
3-Nitroaniline	49	U	49
4-Nitroaniline	49	U	49
Nitrobenzene	9.8	U	9.8
2-Nitrophenol	9.8	U	9.8
4-Nitrophenol	49	U	49
4-Nitroquinoline-1-oxide	20	U	20
N-Nitro-o-toluidine	9.8	U	9.8
N-Nitrosodiethylamine	9.8	U	9.8
N-Nitrosodimethylamine	9.8	U	9.8
N-Nitrosodi-n-butylamine	9.8	U	9.8
N-Nitrosodi-n-propylamine	9.8	U	9.8
N-Nitrosodiphenylamine	9.8	U	9.8
N-Nitrosomethylethylamine	9.8	U	9.8
N-Nitrosomorpholine	9.8	U	9.8

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1924
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0936.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.8	U	9.8
N-Nitrosopyrrolidine	9.8	U	9.8
o,o',o''-Triethylphosphorothioate	9.8	U	9.8
Ethyl Parathion	9.8	U	9.8
p-Dimethylamino azobenzene	9.8	U	9.8
Pentachlorobenzene	9.8	U	9.8
Pentachloronitrobenzene	9.8	U	9.8
Pentachlorophenol	49	U	49
Phenacetin	9.8	U	9.8
Phenanthrene	9.8	U	9.8
Phenol	9.8	U	9.8
Phorate	9.8	U	9.8
2-Picoline	9.8	U	9.8
p-Phenylene diamine	2000	U	2000
Pronamide	9.8	U	9.8
Pyrene	9.8	U	9.8
Pyridine	49	U	49
Safrole, Total	9.8	U	9.8
Sulfotepp	9.8	U	9.8
1,2,4,5-Tetrachlorobenzene	9.8	U	9.8
2,3,4,6-Tetrachlorophenol	9.8	U	9.8
Thionazin	9.8	U	9.8
2-Toluidine	9.8	U	9.8
1,2,4-Trichlorobenzene	9.8	U	9.8
2,4,5-Trichlorophenol	9.8	U	9.8
2,4,6-Trichlorophenol	9.8	U	9.8
1,3,5-Trinitrobenzene	9.8	U	9.8

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	79	50 - 113
2-Fluorophenol	80	36 - 110
Nitrobenzene-d5	75	45 - 112
Phenol-d5	81	38 - 116
Terphenyl-d14	55	10 - 121
2,4,6-Tribromophenol	88	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1946
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0937.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.6	U	9.6
Acenaphthylene	9.6	U	9.6
Acetophenone	9.6	U	9.6
2-Acetylaminofluorene	9.6	U	9.6
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.6	U	9.6
Aniline	19	U	19
Anthracene	9.6	U	9.6
Aramite, Total	9.6	U	9.6
Benzo[a]anthracene	9.6	U	9.6
Benzo[a]pyrene	9.6	U	9.6
Benzo[b]fluoranthene	9.6	U	9.6
Benzo[g,h,i]perylene	9.6	U	9.6
Benzo[k]fluoranthene	9.6	U	9.6
Benzyl alcohol	9.6	U	9.6
1,1'-Biphenyl	9.6	U	9.6
Bis(2-chloroethoxy)methane	9.6	U	9.6
Bis(2-chloroethyl)ether	9.6	U	9.6
bis(chloroisopropyl) ether	9.6	U	9.6
Bis(2-ethylhexyl) phthalate	9.6	U	9.6
4-Bromophenyl phenyl ether	9.6	U	9.6
Butyl benzyl phthalate	9.6	U	9.6
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.6	U	9.6
2-Chloronaphthalene	9.6	U	9.6
2-Chlorophenol	9.6	U	9.6
4-Chlorophenyl phenyl ether	9.6	U	9.6
Chrysene	9.6	U	9.6
Diallate	9.6	U	9.6
Dibenz(a,h)anthracene	9.6	U	9.6
Dibenzofuran	9.6	U	9.6
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.6	U	9.6
2,6-Dichlorophenol	9.6	U	9.6
Diethyl phthalate	9.6	U	9.6
Dimethoate	9.6	U	9.6
7,12-Dimethylbenz(a)anthracene	9.6	U	9.6
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.6	U	9.6
Dimethyl phthalate	9.6	U	9.6
Di-n-butyl phthalate	9.6	U	9.6
1,3-Dinitrobenzene	9.6	U	9.6
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1946
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0937.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.6	U	9.6
2,6-Dinitrotoluene	9.6	U	9.6
Di-n-octyl phthalate	9.6	U	9.6
1,4-Dioxane	9.6	U	9.6
Disulfoton	9.6	U	9.6
Ethyl methanesulfonate	9.6	U	9.6
Famphur	9.6	U	9.6
Fluoranthene	9.6	U	9.6
Fluorene	9.6	U	9.6
Hexachlorobenzene	9.6	U	9.6
Hexachlorobutadiene	9.6	U	9.6
Hexachlorocyclopentadiene	9.6	U	9.6
Hexachloroethane	9.6	U	9.6
Hexachlorophene	4800	U	4800
Hexachloropropene	9.6	U	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	9.6
Isophorone	9.6	U	9.6
Isosafrole	9.6	U	9.6
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.6	U	9.6
Methyl methanesulfonate	9.6	U	9.6
2-Methylnaphthalene	9.6	U	9.6
Methyl parathion	9.6	U	9.6
2-Methylphenol	9.6	U	9.6
3 & 4 Methylphenol	9.6	U	9.6
Naphthalene	9.6	U	9.6
1,4-Naphthoquinone	9.6	U	9.6
1-Naphthylamine	9.6	U	9.6
2-Naphthylamine	9.6	U	9.6
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	9.6	U	9.6
2-Nitrophenol	9.6	U	9.6
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.6	U	9.6
N-Nitrosodiethylamine	9.6	U	9.6
N-Nitrosodimethylamine	9.6	U	9.6
N-Nitrosodi-n-butylamine	9.6	U	9.6
N-Nitrosodi-n-propylamine	9.6	U	9.6
N-Nitrosodiphenylamine	9.6	U	9.6
N-Nitrosomethylethylamine	9.6	U	9.6
N-Nitrosomorpholine	9.6	U	9.6

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1946
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0937.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.6	U	9.6
N-Nitrosopyrrolidine	9.6	U	9.6
o,o',o''-Triethylphosphorothioate	9.6	U	9.6
Ethyl Parathion	9.6	U	9.6
p-Dimethylamino azobenzene	9.6	U	9.6
Pentachlorobenzene	9.6	U	9.6
Pentachloronitrobenzene	9.6	U	9.6
Pentachlorophenol	48	U	48
Phenacetin	9.6	U	9.6
Phenanthrene	9.6	U	9.6
Phenol	9.6	U	9.6
Phorate	9.6	U	9.6
2-Picoline	9.6	U	9.6
p-Phenylene diamine	1900	U	1900
Pronamide	9.6	U	9.6
Pyrene	9.6	U	9.6
Pyridine	48	U	48
Safrole, Total	9.6	U	9.6
Sulfotepp	9.6	U	9.6
1,2,4,5-Tetrachlorobenzene	9.6	U	9.6
2,3,4,6-Tetrachlorophenol	9.6	U	9.6
Thionazin	9.6	U	9.6
2-Toluidine	9.6	U	9.6
1,2,4-Trichlorobenzene	9.6	U	9.6
2,4,5-Trichlorophenol	9.6	U	9.6
2,4,6-Trichlorophenol	9.6	U	9.6
1,3,5-Trinitrobenzene	9.6	U	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	50 - 113
2-Fluorophenol	65	36 - 110
Nitrobenzene-d5	72	45 - 112
Phenol-d5	70	38 - 116
Terphenyl-d14	63	10 - 121
2,4,6-Tribromophenol	89	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 2008
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0938.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.6	U	9.6
Acenaphthylene	9.6	U	9.6
Acetophenone	9.6	U	9.6
2-Acetylaminofluorene	9.6	U	9.6
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.6	U	9.6
Aniline	19	U	19
Anthracene	9.6	U	9.6
Aramite, Total	9.6	U	9.6
Benzo[a]anthracene	9.6	U	9.6
Benzo[a]pyrene	9.6	U	9.6
Benzo[b]fluoranthene	9.6	U	9.6
Benzo[g,h,i]perylene	9.6	U	9.6
Benzo[k]fluoranthene	9.6	U	9.6
Benzyl alcohol	9.6	U	9.6
1,1'-Biphenyl	9.6	U	9.6
Bis(2-chloroethoxy)methane	9.6	U	9.6
Bis(2-chloroethyl)ether	9.6	U	9.6
bis(chloroisopropyl) ether	9.6	U	9.6
Bis(2-ethylhexyl) phthalate	9.6	U	9.6
4-Bromophenyl phenyl ether	9.6	U	9.6
Butyl benzyl phthalate	9.6	U	9.6
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.6	U	9.6
2-Chloronaphthalene	9.6	U	9.6
2-Chlorophenol	9.6	U	9.6
4-Chlorophenyl phenyl ether	9.6	U	9.6
Chrysene	9.6	U	9.6
Diallate	9.6	U	9.6
Dibenz(a,h)anthracene	9.6	U	9.6
Dibenzofuran	9.6	U	9.6
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.6	U	9.6
2,6-Dichlorophenol	9.6	U	9.6
Diethyl phthalate	9.6	U	9.6
Dimethoate	9.6	U	9.6
7,12-Dimethylbenz(a)anthracene	9.6	U	9.6
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.6	U	9.6
Dimethyl phthalate	9.6	U	9.6
Di-n-butyl phthalate	9.6	U	9.6
1,3-Dinitrobenzene	9.6	U	9.6
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 2008
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0938.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.6	U	9.6
2,6-Dinitrotoluene	9.6	U	9.6
Di-n-octyl phthalate	9.6	U	9.6
1,4-Dioxane	9.6	U	9.6
Disulfoton	9.6	U	9.6
Ethyl methanesulfonate	9.6	U	9.6
Famphur	9.6	U	9.6
Fluoranthene	9.6	U	9.6
Fluorene	9.6	U	9.6
Hexachlorobenzene	9.6	U	9.6
Hexachlorobutadiene	9.6	U	9.6
Hexachlorocyclopentadiene	9.6	U	9.6
Hexachloroethane	9.6	U	9.6
Hexachlorophene	4800	U	4800
Hexachloropropene	9.6	U	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	9.6
Isophorone	9.6	U	9.6
Isosafrole	9.6	U	9.6
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.6	U	9.6
Methyl methanesulfonate	9.6	U	9.6
2-Methylnaphthalene	9.6	U	9.6
Methyl parathion	9.6	U	9.6
2-Methylphenol	9.6	U	9.6
3 & 4 Methylphenol	9.6	U	9.6
Naphthalene	9.6	U	9.6
1,4-Naphthoquinone	9.6	U	9.6
1-Naphthylamine	9.6	U	9.6
2-Naphthylamine	9.6	U	9.6
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	9.6	U	9.6
2-Nitrophenol	9.6	U	9.6
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.6	U	9.6
N-Nitrosodiethylamine	9.6	U	9.6
N-Nitrosodimethylamine	9.6	U	9.6
N-Nitrosodi-n-butylamine	9.6	U	9.6
N-Nitrosodi-n-propylamine	9.6	U	9.6
N-Nitrosodiphenylamine	9.6	U	9.6
N-Nitrosomethylethylamine	9.6	U	9.6
N-Nitrosomorpholine	9.6	U	9.6

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 2008
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0938.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.6	U	9.6
N-Nitrosopyrrolidine	9.6	U	9.6
o,o',o''-Triethylphosphorothioate	9.6	U	9.6
Ethyl Parathion	9.6	U	9.6
p-Dimethylamino azobenzene	9.6	U	9.6
Pentachlorobenzene	9.6	U	9.6
Pentachloronitrobenzene	9.6	U	9.6
Pentachlorophenol	48	U	48
Phenacetin	9.6	U	9.6
Phenanthrene	9.6	U	9.6
Phenol	9.6	U	9.6
Phorate	9.6	U	9.6
2-Picoline	9.6	U	9.6
p-Phenylene diamine	1900	U	1900
Pronamide	9.6	U	9.6
Pyrene	9.6	U	9.6
Pyridine	48	U	48
Safrole, Total	9.6	U	9.6
Sulfotepp	9.6	U	9.6
1,2,4,5-Tetrachlorobenzene	9.6	U	9.6
2,3,4,6-Tetrachlorophenol	9.6	U	9.6
Thionazin	9.6	U	9.6
2-Toluidine	9.6	U	9.6
1,2,4-Trichlorobenzene	9.6	U	9.6
2,4,5-Trichlorophenol	9.6	U	9.6
2,4,6-Trichlorophenol	9.6	U	9.6
1,3,5-Trinitrobenzene	9.6	U	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	83	50 - 113
2-Fluorophenol	70	36 - 110
Nitrobenzene-d5	79	45 - 112
Phenol-d5	73	38 - 116
Terphenyl-d14	64	10 - 121
2,4,6-Tribromophenol	87	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 2030
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0939.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	490	E	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	9.9		9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 2030
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0939.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 2030
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0939.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	9.4	U	9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	50 - 113
2-Fluorophenol	71	36 - 110
Nitrobenzene-d5	73	45 - 112
Phenol-d5	76	38 - 116
Terphenyl-d14	51	10 - 121
2,4,6-Tribromophenol	87	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 5.0
Date Analyzed: 01/10/2008 1205
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95630
Prep Batch: 680-94015
Run Type: DL

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0947.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	47	U	47
Acenaphthylene	47	U	47
Acetophenone	47	U	47
2-Acetylaminofluorene	47	U	47
alpha,alpha-Dimethyl phenethylamine	9400	U	9400
4-Aminobiphenyl	47	U	47
Aniline	94	U	94
Anthracene	47	U	47
Aramite, Total	47	U	47
Benzo[a]anthracene	47	U	47
Benzo[a]pyrene	47	U	47
Benzo[b]fluoranthene	47	U	47
Benzo[g,h,i]perylene	47	U	47
Benzo[k]fluoranthene	47	U	47
Benzyl alcohol	47	U	47
1,1'-Biphenyl	47	U	47
Bis(2-chloroethoxy)methane	47	U	47
Bis(2-chloroethyl)ether	47	U	47
bis(chloroisopropyl) ether	47	U	47
Bis(2-ethylhexyl) phthalate	47	U	47
4-Bromophenyl phenyl ether	47	U	47
Butyl benzyl phthalate	47	U	47
4-Chloroaniline	430	D	94
4-Chloro-3-methylphenol	47	U	47
2-Chloronaphthalene	47	U	47
2-Chlorophenol	47	U	47
4-Chlorophenyl phenyl ether	47	U	47
Chrysene	47	U	47
Diallate	47	U	47
Dibenz(a,h)anthracene	47	U	47
Dibenzofuran	47	U	47
3,3'-Dichlorobenzidine	94	U	94
2,4-Dichlorophenol	47	U	47
2,6-Dichlorophenol	47	U	47
Diethyl phthalate	47	U	47
Dimethoate	47	U	47
7,12-Dimethylbenz(a)anthracene	47	U	47
3,3'-Dimethylbenzidine	94	U	94
2,4-Dimethylphenol	47	U	47
Dimethyl phthalate	47	U	47
Di-n-butyl phthalate	47	U	47
1,3-Dinitrobenzene	47	U	47
4,6-Dinitro-2-methylphenol	240	U	240
2,4-Dinitrophenol	240	U	240

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95630		Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-94015		Lab File ID:	g0947.d
Dilution:	5.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	01/10/2008 1205	Run Type:	DL	Final Weight/Volume:	1 mL
Date Prepared:	12/19/2007 1550			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	47	U	47
2,6-Dinitrotoluene	47	U	47
Di-n-octyl phthalate	47	U	47
1,4-Dioxane	47	U	47
Disulfoton	47	U	47
Ethyl methanesulfonate	47	U	47
Famphur	47	U	47
Fluoranthene	47	U	47
Fluorene	47	U	47
Hexachlorobenzene	47	U	47
Hexachlorobutadiene	47	U	47
Hexachlorocyclopentadiene	47	U	47
Hexachloroethane	47	U	47
Hexachlorophene	24000	U	24000
Hexachloropropene	47	U	47
Indeno[1,2,3-cd]pyrene	47	U	47
Isophorone	47	U	47
Isosafrole	47	U	47
Methapyrilene	9400	U	9400
3-Methylcholanthrene	47	U	47
Methyl methanesulfonate	47	U	47
2-Methylnaphthalene	47	U	47
Methyl parathion	47	U	47
2-Methylphenol	47	U	47
3 & 4 Methylphenol	47	U	47
Naphthalene	47	U	47
1,4-Naphthoquinone	47	U	47
1-Naphthylamine	47	U	47
2-Naphthylamine	47	U	47
2-Nitroaniline	240	U	240
3-Nitroaniline	240	U	240
4-Nitroaniline	240	U	240
Nitrobenzene	47	U	47
2-Nitrophenol	47	U	47
4-Nitrophenol	240	U	240
4-Nitroquinoline-1-oxide	94	U	94
N-Nitro-o-toluidine	47	U	47
N-Nitrosodiethylamine	47	U	47
N-Nitrosodimethylamine	47	U	47
N-Nitrosodi-n-butylamine	47	U	47
N-Nitrosodi-n-propylamine	47	U	47
N-Nitrosodiphenylamine	47	U	47
N-Nitrosomethylethylamine	47	U	47
N-Nitrosomorpholine	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95630	Instrument ID: GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-94015	Lab File ID: g0947.d
Dilution:	5.0		Initial Weight/Volume: 1060 mL
Date Analyzed:	01/10/2008 1205	Run Type: DL	Final Weight/Volume: 1 mL
Date Prepared:	12/19/2007 1550		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	47	U	47
N-Nitrosopyrrolidine	47	U	47
o,o',o''-Triethylphosphorothioate	47	U	47
Ethyl Parathion	47	U	47
p-Dimethylamino azobenzene	47	U	47
Pentachlorobenzene	47	U	47
Pentachloronitrobenzene	47	U	47
Pentachlorophenol	240	U	240
Phenacetin	47	U	47
Phenanthrene	47	U	47
Phenol	47	U	47
Phorate	47	U	47
2-Picoline	47	U	47
p-Phenylene diamine	9400	U	9400
Pronamide	47	U	47
Pyrene	47	U	47
Pyridine	240	U	240
Safrole, Total	47	U	47
Sulfotepp	47	U	47
1,2,4,5-Tetrachlorobenzene	47	U	47
2,3,4,6-Tetrachlorophenol	47	U	47
Thionazin	47	U	47
2-Toluidine	47	U	47
1,2,4-Trichlorobenzene	47	U	47
2,4,5-Trichlorophenol	47	U	47
2,4,6-Trichlorophenol	47	U	47
1,3,5-Trinitrobenzene	47	U	47

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	50 - 113
2-Fluorophenol	63		36 - 110
Nitrobenzene-d5	0	D	45 - 112
Phenol-d5	63		38 - 116
Terphenyl-d14	0	D	10 - 121
2,4,6-Tribromophenol	76		40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 5.0
Date Analyzed: 01/09/2008 2051
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0940.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	49	U	49
Acenaphthylene	49	U	49
Acetophenone	49	U	49
2-Acetylaminofluorene	49	U	49
alpha,alpha-Dimethyl phenethylamine	9700	U	9700
4-Aminobiphenyl	49	U	49
Aniline	2100	E	97
Anthracene	49	U	49
Aramite, Total	49	U	49
Benzo[a]anthracene	49	U	49
Benzo[a]pyrene	49	U	49
Benzo[b]fluoranthene	49	U	49
Benzo[g,h,i]perylene	49	U	49
Benzo[k]fluoranthene	49	U	49
Benzyl alcohol	49	U	49
1,1'-Biphenyl	49	U	49
Bis(2-chloroethoxy)methane	49	U	49
Bis(2-chloroethyl)ether	49	U	49
bis(chloroisopropyl) ether	49	U	49
Bis(2-ethylhexyl) phthalate	49	U	49
4-Bromophenyl phenyl ether	49	U	49
Butyl benzyl phthalate	49	U	49
4-Chloroaniline	21000	E	97
4-Chloro-3-methylphenol	49	U	49
2-Chloronaphthalene	49	U	49
2-Chlorophenol	49	U	49
4-Chlorophenyl phenyl ether	49	U	49
Chrysene	49	U	49
Diallate	49	U	49
Dibenz(a,h)anthracene	49	U	49
Dibenzofuran	49	U	49
3,3'-Dichlorobenzidine	97	U	97
2,4-Dichlorophenol	140		49
2,6-Dichlorophenol	49	U	49
Diethyl phthalate	49	U	49
Dimethoate	49	U	49
7,12-Dimethylbenz(a)anthracene	49	U	49
3,3'-Dimethylbenzidine	97	U	97
2,4-Dimethylphenol	49	U	49
Dimethyl phthalate	49	U	49
Di-n-butyl phthalate	49	U	49
1,3-Dinitrobenzene	49	U	49
4,6-Dinitro-2-methylphenol	240	U	240
2,4-Dinitrophenol	240	U	240

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 5.0
Date Analyzed: 01/09/2008 2051
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0940.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	49	U	49
2,6-Dinitrotoluene	49	U	49
Di-n-octyl phthalate	49	U	49
1,4-Dioxane	49	U	49
Disulfoton	49	U	49
Ethyl methanesulfonate	49	U	49
Famphur	49	U	49
Fluoranthene	49	U	49
Fluorene	49	U	49
Hexachlorobenzene	49	U	49
Hexachlorobutadiene	49	U	49
Hexachlorocyclopentadiene	49	U	49
Hexachloroethane	49	U	49
Hexachlorophene	24000	U	24000
Hexachloropropene	49	U	49
Indeno[1,2,3-cd]pyrene	49	U	49
Isophorone	49	U	49
Isosafrole	49	U	49
Methapyrilene	9700	U	9700
3-Methylcholanthrene	49	U	49
Methyl methanesulfonate	49	U	49
2-Methylnaphthalene	49	U	49
Methyl parathion	49	U	49
2-Methylphenol	49	U	49
3 & 4 Methylphenol	49	U	49
Naphthalene	49	U	49
1,4-Naphthoquinone	49	U	49
1-Naphthylamine	49	U	49
2-Naphthylamine	49	U	49
2-Nitroaniline	240	U	240
3-Nitroaniline	240	U	240
4-Nitroaniline	240	U	240
Nitrobenzene	49	U	49
2-Nitrophenol	49	U	49
4-Nitrophenol	240	U	240
4-Nitroquinoline-1-oxide	97	U	97
N-Nitro-o-toluidine	49	U	49
N-Nitrosodiethylamine	49	U	49
N-Nitrosodimethylamine	49	U	49
N-Nitrosodi-n-butylamine	49	U	49
N-Nitrosodi-n-propylamine	49	U	49
N-Nitrosodiphenylamine	49	U	49
N-Nitrosomethylethylamine	49	U	49
N-Nitrosomorpholine	49	U	49

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 5.0
Date Analyzed: 01/09/2008 2051
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95474
Prep Batch: 680-94015

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0940.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	49	U	49
N-Nitrosopyrrolidine	49	U	49
o,o',o''-Triethylphosphorothioate	49	U	49
Ethyl Parathion	49	U	49
p-Dimethylamino azobenzene	49	U	49
Pentachlorobenzene	49	U	49
Pentachloronitrobenzene	49	U	49
Pentachlorophenol	240	U	240
Phenacetin	49	U	49
Phenanthrene	49	U	49
Phenol	49	U	49
Phorate	49	U	49
2-Picoline	49	U	49
p-Phenylene diamine	9700	U	9700
Pronamide	49	U	49
Pyrene	49	U	49
Pyridine	240	U	240
Safrole, Total	49	U	49
Sulfotepp	49	U	49
1,2,4,5-Tetrachlorobenzene	49	U	49
2,3,4,6-Tetrachlorophenol	49	U	49
Thionazin	49	U	49
2-Toluidine	49	U	49
1,2,4-Trichlorobenzene	190		49
2,4,5-Trichlorophenol	49	U	49
2,4,6-Trichlorophenol	49	U	49
1,3,5-Trinitrobenzene	49	U	49

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	50 - 113
2-Fluorophenol	0	D	36 - 110
Nitrobenzene-d5	0	D	45 - 112
Phenol-d5	59		38 - 116
Terphenyl-d14	0	D	10 - 121
2,4,6-Tribromophenol	68		40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95682		Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-94015		Lab File ID:	g0977.d
Dilution:	200			Initial Weight/Volume:	1030 mL
Date Analyzed:	01/11/2008 1859	Run Type:	DL	Final Weight/Volume:	1 mL
Date Prepared:	12/19/2007 1550			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	1900	U	1900
Acenaphthylene	1900	U	1900
Acetophenone	1900	U	1900
2-Acetylaminofluorene	1900	U	1900
alpha,alpha-Dimethyl phenethylamine	390000	U	390000
4-Aminobiphenyl	1900	U	1900
Aniline	3900	U	3900
Anthracene	1900	U	1900
Aramite, Total	1900	U	1900
Benzo[a]anthracene	1900	U	1900
Benzo[a]pyrene	1900	U	1900
Benzo[b]fluoranthene	1900	U	1900
Benzo[g,h,i]perylene	1900	U	1900
Benzo[k]fluoranthene	1900	U	1900
Benzyl alcohol	1900	U	1900
1,1'-Biphenyl	1900	U	1900
Bis(2-chloroethoxy)methane	1900	U	1900
Bis(2-chloroethyl)ether	1900	U	1900
bis(chloroisopropyl) ether	1900	U	1900
Bis(2-ethylhexyl) phthalate	1900	U	1900
4-Bromophenyl phenyl ether	1900	U	1900
Butyl benzyl phthalate	1900	U	1900
4-Chloroaniline	19000	D	3900
4-Chloro-3-methylphenol	1900	U	1900
2-Chloronaphthalene	1900	U	1900
2-Chlorophenol	1900	U	1900
4-Chlorophenyl phenyl ether	1900	U	1900
Chrysene	1900	U	1900
Diallate	1900	U	1900
Dibenz(a,h)anthracene	1900	U	1900
Dibenzofuran	1900	U	1900
3,3'-Dichlorobenzidine	3900	U	3900
2,4-Dichlorophenol	1900	U	1900
2,6-Dichlorophenol	1900	U	1900
Diethyl phthalate	1900	U	1900
Dimethoate	1900	U	1900
7,12-Dimethylbenz(a)anthracene	1900	U	1900
3,3'-Dimethylbenzidine	3900	U	3900
2,4-Dimethylphenol	1900	U	1900
Dimethyl phthalate	1900	U	1900
Di-n-butyl phthalate	1900	U	1900
1,3-Dinitrobenzene	1900	U	1900
4,6-Dinitro-2-methylphenol	9700	U	9700
2,4-Dinitrophenol	9700	U	9700

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 200
Date Analyzed: 01/11/2008 1859
Date Prepared: 12/19/2007 1550

Analysis Batch: 680-95682
Prep Batch: 680-94015
Run Type: DL

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0977.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	1900	U	1900
2,6-Dinitrotoluene	1900	U	1900
Di-n-octyl phthalate	1900	U	1900
1,4-Dioxane	1900	U	1900
Disulfoton	1900	U	1900
Ethyl methanesulfonate	1900	U	1900
Famphur	1900	U	1900
Fluoranthene	1900	U	1900
Fluorene	1900	U	1900
Hexachlorobenzene	1900	U	1900
Hexachlorobutadiene	1900	U	1900
Hexachlorocyclopentadiene	1900	U	1900
Hexachloroethane	1900	U	1900
Hexachlorophene	970000	U	970000
Hexachloropropene	1900	U	1900
Indeno[1,2,3-cd]pyrene	1900	U	1900
Isophorone	1900	U	1900
Isosafrole	1900	U	1900
Methapyrilene	390000	U	390000
3-Methylcholanthrene	1900	U	1900
Methyl methanesulfonate	1900	U	1900
2-Methylnaphthalene	1900	U	1900
Methyl parathion	1900	U	1900
2-Methylphenol	1900	U	1900
3 & 4 Methylphenol	1900	U	1900
Naphthalene	1900	U	1900
1,4-Naphthoquinone	1900	U	1900
1-Naphthylamine	1900	U	1900
2-Naphthylamine	1900	U	1900
2-Nitroaniline	9700	U	9700
3-Nitroaniline	9700	U	9700
4-Nitroaniline	9700	U	9700
Nitrobenzene	1900	U	1900
2-Nitrophenol	1900	U	1900
4-Nitrophenol	9700	U	9700
4-Nitroquinoline-1-oxide	3900	U	3900
N-Nitro-o-toluidine	1900	U	1900
N-Nitrosodiethylamine	1900	U	1900
N-Nitrosodimethylamine	1900	U	1900
N-Nitrosodi-n-butylamine	1900	U	1900
N-Nitrosodi-n-propylamine	1900	U	1900
N-Nitrosodiphenylamine	1900	U	1900
N-Nitrosomethylethylamine	1900	U	1900
N-Nitrosomorpholine	1900	U	1900

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95682		Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-94015		Lab File ID:	g0977.d
Dilution:	200			Initial Weight/Volume:	1030 mL
Date Analyzed:	01/11/2008 1859	Run Type:	DL	Final Weight/Volume:	1 mL
Date Prepared:	12/19/2007 1550			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	1900	U	1900
N-Nitrosopyrrolidine	1900	U	1900
o,o',o''-Triethylphosphorothioate	1900	U	1900
Ethyl Parathion	1900	U	1900
p-Dimethylamino azobenzene	1900	U	1900
Pentachlorobenzene	1900	U	1900
Pentachloronitrobenzene	1900	U	1900
Pentachlorophenol	9700	U	9700
Phenacetin	1900	U	1900
Phenanthrene	1900	U	1900
Phenol	1900	U	1900
Phorate	1900	U	1900
2-Picoline	1900	U	1900
p-Phenylene diamine	390000	U	390000
Pronamide	1900	U	1900
Pyrene	1900	U	1900
Pyridine	9700	U	9700
Safrole, Total	1900	U	1900
Sulfotepp	1900	U	1900
1,2,4,5-Tetrachlorobenzene	1900	U	1900
2,3,4,6-Tetrachlorophenol	1900	U	1900
Thionazin	1900	U	1900
2-Toluidine	1900	U	1900
1,2,4-Trichlorobenzene	1900	U	1900
2,4,5-Trichlorophenol	1900	U	1900
2,4,6-Trichlorophenol	1900	U	1900
1,3,5-Trinitrobenzene	1900	U	1900

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	50 - 113
2-Fluorophenol	0	D	36 - 110
Nitrobenzene-d5	0	D	45 - 112
Phenol-d5	0	D	38 - 116
Terphenyl-d14	0	D	10 - 121
2,4,6-Tribromophenol	0	D	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/18/2007 1830
Date Prepared: N/A

Analysis Batch: 680-93937

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1023.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	830		0.19

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/18/2007 1830
Date Prepared: N/A

Analysis Batch: 680-93948

Instrument ID: GC Volatiles - U FID
Lab File ID: U1023.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	5.4		0.35
Ethylene	0.33	U	0.33

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/18/2007 1842
Date Prepared: N/A

Analysis Batch: 680-93948

Instrument ID: GC Volatiles - U FID
Lab File ID: U1024.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	0.35	U	0.35
Ethylene	0.33	U	0.33
Methane	21		0.19

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/18/2007 1956
Date Prepared: N/A

Analysis Batch: 680-93937

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1030.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	17000		0.19

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/18/2007 1956
Date Prepared: N/A

Analysis Batch: 680-93948

Instrument ID: GC Volatiles - U FID
Lab File ID: U1030.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	27		0.35
Ethylene	0.33	U	0.33

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/18/2007 2008
Date Prepared: N/A

Analysis Batch: 680-93937

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1031.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	470		0.19

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/18/2007 2008
Date Prepared: N/A

Analysis Batch: 680-93948

Instrument ID: GC Volatiles - U FID
Lab File ID: U1031.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	2.4		0.35
Ethylene	0.89		0.33

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/19/2007 1706
Date Prepared: N/A

Analysis Batch: 680-94099

Instrument ID: GC Volatiles - U FID
Lab File ID: U1054.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	18		0.35
Ethylene	0.33	U	0.33

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/19/2007 1706
Date Prepared: N/A

Analysis Batch: 680-94227

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1054.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1000 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	12000000		190

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/20/2007 0617
Date Prepared: N/A

Analysis Batch: 680-94135

Instrument ID: GC Volatiles - U FID
Lab File ID: U1090.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	0.35	U	0.35
Ethylene	0.33	U	0.33
Methane	6.6		0.19

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/19/2007 1731
Date Prepared: N/A

Analysis Batch: 680-94099

Instrument ID: GC Volatiles - U FID
Lab File ID: U1056.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	0.35	U	0.35
Ethylene	0.33	U	0.33

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/19/2007 1731
Date Prepared: N/A

Analysis Batch: 680-94227

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1056.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1000 uL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	15000		0.19

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 1634
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-94010
Prep Batch: 680-93451

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18027.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.048	U	0.048
alpha-BHC	0.048	U	0.048
beta-BHC	0.048	U	0.048
Chlordane (technical)	0.48	U	0.48
4,4'-DDD	0.096	U	0.096
4,4'-DDE	0.096	U	0.096
4,4'-DDT	0.096	U	0.096
delta-BHC	0.048	U	0.048
Dieldrin	0.096	U	0.096
Endosulfan I	0.048	U	0.048
Endosulfan II	0.096	U	0.096
Endosulfan sulfate	0.096	U	0.096
Endrin	0.096	U	0.096
Endrin aldehyde	0.096	U *	0.096
Endrin ketone	0.096	U	0.096
gamma-BHC (Lindane)	0.048	U	0.048
Heptachlor	0.048	U	0.048
Heptachlor epoxide	0.048	U	0.048
Isodrin	0.048	U	0.048
Kepone	0.96	U	0.96
Methoxychlor	0.48	U	0.48
Toxaphene	4.8	U	4.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	15	14 - 115
Tetrachloro-m-xylene	68	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 1653
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-94010
Prep Batch: 680-93451

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18028.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.048	U	0.048
alpha-BHC	0.048	U	0.048
beta-BHC	0.048	U	0.048
Chlordane (technical)	0.48	U	0.48
4,4'-DDD	0.096	U	0.096
4,4'-DDE	0.096	U	0.096
4,4'-DDT	0.096	U	0.096
delta-BHC	0.048	U	0.048
Dieldrin	0.096	U	0.096
Endosulfan I	0.048	U	0.048
Endosulfan II	0.096	U	0.096
Endosulfan sulfate	0.096	U	0.096
Endrin	0.096	U	0.096
Endrin aldehyde	0.096	U *	0.096
Endrin ketone	0.096	U	0.096
gamma-BHC (Lindane)	0.048	U	0.048
Heptachlor	0.048	U	0.048
Heptachlor epoxide	0.048	U	0.048
Isodrin	0.048	U	0.048
Kepone	0.96	U	0.96
Methoxychlor	0.48	U	0.48
Toxaphene	4.8	U	4.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	17	14 - 115
Tetrachloro-m-xylene	59	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 1712
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-94010
Prep Batch: 680-93451

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18029.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.048	U	0.048
alpha-BHC	0.048	U	0.048
beta-BHC	0.048	U	0.048
Chlordane (technical)	0.48	U	0.48
4,4'-DDD	0.096	U	0.096
4,4'-DDE	0.096	U	0.096
4,4'-DDT	0.096	U	0.096
delta-BHC	0.048	U	0.048
Dieldrin	0.096	U	0.096
Endosulfan I	0.048	U	0.048
Endosulfan II	0.096	U	0.096
Endosulfan sulfate	0.096	U	0.096
Endrin	0.096	U	0.096
Endrin aldehyde	0.096	U *	0.096
Endrin ketone	0.096	U	0.096
gamma-BHC (Lindane)	0.048	U	0.048
Heptachlor	0.048	U	0.048
Heptachlor epoxide	0.048	U	0.048
Isodrin	0.048	U	0.048
Kepone	0.96	U	0.96
Methoxychlor	0.48	U	0.48
Toxaphene	4.8	U	4.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	15	14 - 115
Tetrachloro-m-xylene	64	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 1732
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-94010
Prep Batch: 680-93451

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18030.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.048	U	0.048
alpha-BHC	0.048	U	0.048
beta-BHC	0.048	U	0.048
Chlordane (technical)	0.48	U	0.48
4,4'-DDD	0.096	U	0.096
4,4'-DDE	0.096	U	0.096
4,4'-DDT	0.096	U	0.096
delta-BHC	0.048	U	0.048
Dieldrin	0.096	U	0.096
Endosulfan I	0.048	U	0.048
Endosulfan II	0.096	U	0.096
Endosulfan sulfate	0.096	U	0.096
Endrin	0.096	U	0.096
Endrin aldehyde	0.096	U *	0.096
Endrin ketone	0.096	U	0.096
gamma-BHC (Lindane)	0.048	U	0.048
Heptachlor	0.048	U	0.048
Heptachlor epoxide	0.048	U	0.048
Isodrin	0.048	U	0.048
Kepone	0.96	U	0.96
Methoxychlor	0.48	U	0.48
Toxaphene	4.8	U	4.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	51	14 - 115
Tetrachloro-m-xylene	78	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 1751
Date Prepared: 12/13/2007 1500

Analysis Batch: 680-94010
Prep Batch: 680-93451

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18031.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.048	U	0.048
alpha-BHC	0.048	U	0.048
beta-BHC	0.048	U	0.048
Chlordane (technical)	0.48	U	0.48
4,4'-DDD	0.096	U	0.096
4,4'-DDE	0.096	U	0.096
4,4'-DDT	0.096	U	0.096
delta-BHC	0.048	U	0.048
Dieldrin	0.096	U	0.096
Endosulfan I	0.048	U	0.048
Endosulfan II	0.096	U	0.096
Endosulfan sulfate	0.096	U	0.096
Endrin	0.096	U	0.096
Endrin aldehyde	0.096	U *	0.096
Endrin ketone	0.096	U	0.096
gamma-BHC (Lindane)	0.048	U	0.048
Heptachlor	0.048	U	0.048
Heptachlor epoxide	0.048	U	0.048
Isodrin	0.048	U	0.048
Kepone	0.96	U	0.96
Methoxychlor	0.48	U	0.48
Toxaphene	4.8	U	4.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	21	14 - 115
Tetrachloro-m-xylene	74	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 1909
Date Prepared: 12/14/2007 1450

Analysis Batch: 680-94010
Prep Batch: 680-93571

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18035.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.047	U	0.047
alpha-BHC	0.047	U	0.047
beta-BHC	0.047	U	0.047
Chlordane (technical)	0.47	U	0.47
4,4'-DDD	0.094	U	0.094
4,4'-DDE	0.094	U	0.094
4,4'-DDT	0.094	U	0.094
delta-BHC	0.047	U	0.047
Dieldrin	0.094	U	0.094
Endosulfan I	0.047	U	0.047
Endosulfan II	0.094	U	0.094
Endosulfan sulfate	0.094	U	0.094
Endrin	0.094	U	0.094
Endrin aldehyde	0.094	U *	0.094
Endrin ketone	0.094	U	0.094
gamma-BHC (Lindane)	0.047	U	0.047
Heptachlor	0.047	U	0.047
Heptachlor epoxide	0.047	U	0.047
Isodrin	0.047	U	0.047
Kepone	0.94	U	0.94
Methoxychlor	0.47	U	0.47
Toxaphene	4.7	U	4.7

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	16	14 - 115
Tetrachloro-m-xylene	56	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 1928
Date Prepared: 12/14/2007 1450

Analysis Batch: 680-94010
Prep Batch: 680-93571

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18036.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.047	U	0.047
alpha-BHC	0.047	U	0.047
beta-BHC	0.047	U	0.047
Chlordane (technical)	0.47	U	0.47
4,4'-DDD	0.094	U	0.094
4,4'-DDE	0.094	U	0.094
4,4'-DDT	0.094	U	0.094
delta-BHC	0.047	U	0.047
Dieldrin	0.094	U	0.094
Endosulfan I	0.047	U	0.047
Endosulfan II	0.094	U	0.094
Endosulfan sulfate	0.094	U	0.094
Endrin	0.094	U	0.094
Endrin aldehyde	0.094	U *	0.094
Endrin ketone	0.094	U	0.094
gamma-BHC (Lindane)	0.047	U	0.047
Heptachlor	0.047	U	0.047
Heptachlor epoxide	0.047	U	0.047
Isodrin	0.047	U	0.047
Kepone	0.94	U	0.94
Methoxychlor	0.47	U	0.47
Toxaphene	4.7	U	4.7

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	48	14 - 115
Tetrachloro-m-xylene	86	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 1948
Date Prepared: 12/14/2007 1450

Analysis Batch: 680-94010
Prep Batch: 680-93571

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18037.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.097	U	0.097
4,4'-DDE	0.097	U	0.097
4,4'-DDT	0.097	U	0.097
delta-BHC	0.049	U	0.049
Dieldrin	0.097	U	0.097
Endosulfan I	0.049	U	0.049
Endosulfan II	0.097	U	0.097
Endosulfan sulfate	0.097	U	0.097
Endrin	0.097	U	0.097
Endrin aldehyde	0.097	U *	0.097
Endrin ketone	0.097	U	0.097
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.97	U	0.97
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	49	14 - 115
Tetrachloro-m-xylene	75	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 2007
Date Prepared: 12/14/2007 1450

Analysis Batch: 680-94010
Prep Batch: 680-93571

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18038.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.097	U	0.097
4,4'-DDE	0.097	U	0.097
4,4'-DDT	0.097	U	0.097
delta-BHC	0.049	U	0.049
Dieldrin	0.097	U	0.097
Endosulfan I	0.049	U	0.049
Endosulfan II	0.097	U	0.097
Endosulfan sulfate	0.097	U	0.097
Endrin	0.097	U	0.097
Endrin aldehyde	0.097	U *	0.097
Endrin ketone	0.097	U	0.097
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.97	U	0.97
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	29	14 - 115
Tetrachloro-m-xylene	59	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 2204
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-94010
Prep Batch: 680-93764

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18044.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.048	U	0.048
alpha-BHC	0.048	U	0.048
beta-BHC	0.048	U	0.048
Chlordane (technical)	0.48	U	0.48
4,4'-DDD	0.096	U	0.096
4,4'-DDE	0.096	U	0.096
4,4'-DDT	0.096	U	0.096
delta-BHC	0.048	U	0.048
Dieldrin	0.096	U	0.096
Endosulfan I	0.048	U	0.048
Endosulfan II	0.096	U	0.096
Endosulfan sulfate	0.096	U	0.096
Endrin	0.096	U	0.096
Endrin aldehyde	0.096	U *	0.096
Endrin ketone	0.096	U	0.096
gamma-BHC (Lindane)	0.048	U	0.048
Heptachlor	0.048	U	0.048
Heptachlor epoxide	0.048	U	0.048
Isodrin	0.048	U	0.048
Kepone	0.96	U	0.96
Methoxychlor	0.48	U	0.48
Toxaphene	4.8	U	4.8

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	36	14 - 115
Tetrachloro-m-xylene	73	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 2223
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-94010
Prep Batch: 680-93764

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18045.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.097	U	0.097
4,4'-DDE	0.097	U	0.097
4,4'-DDT	0.097	U	0.097
delta-BHC	0.049	U	0.049
Dieldrin	0.097	U	0.097
Endosulfan I	0.049	U	0.049
Endosulfan II	0.097	U	0.097
Endosulfan sulfate	0.097	U	0.097
Endrin	0.097	U	0.097
Endrin aldehyde	0.097	U *	0.097
Endrin ketone	0.097	U	0.097
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.97	U	0.97
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	29	14 - 115
Tetrachloro-m-xylene	74	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/18/2007 2243
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-94010
Prep Batch: 680-93764

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml18046.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.097	U	0.097
4,4'-DDE	0.097	U	0.097
4,4'-DDT	0.097	U	0.097
delta-BHC	0.049	U	0.049
Dieldrin	0.097	U	0.097
Endosulfan I	0.049	U	0.049
Endosulfan II	0.097	U	0.097
Endosulfan sulfate	0.097	U	0.097
Endrin	0.097	U	0.097
Endrin aldehyde	0.097	U *	0.097
Endrin ketone	0.097	U	0.097
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.97	U	0.97
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	44	14 - 115
Tetrachloro-m-xylene	53	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 10
Date Analyzed: 12/19/2007 1022
Date Prepared: 12/17/2007 1450

Analysis Batch: 680-94101
Prep Batch: 680-93764

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml19008.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.49	U	0.49
alpha-BHC	0.49	U	0.49
beta-BHC	0.49	U	0.49
Chlordane (technical)	4.9	U	4.9
4,4'-DDD	0.97	U	0.97
4,4'-DDE	0.97	U	0.97
4,4'-DDT	0.97	U	0.97
delta-BHC	0.49	U	0.49
Dieldrin	0.97	U	0.97
Endosulfan I	0.49	U	0.49
Endosulfan II	0.97	U	0.97
Endosulfan sulfate	0.97	U	0.97
Endrin	0.97	U	0.97
Endrin aldehyde	0.97	U	0.97
Endrin ketone	0.97	U	0.97
gamma-BHC (Lindane)	0.49	U	0.49
Heptachlor	0.49	U	0.49
Heptachlor epoxide	0.49	U	0.49
Isodrin	0.49	U	0.49
Kepone	9.7	U	9.7
Methoxychlor	4.9	U	4.9
Toxaphene	49	U	49

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	0	D	14 - 115
Tetrachloro-m-xylene	0	D	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 1726
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17008.d
Initial Weight/Volume: 1010 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.50	U	0.50
2,4-D	0.50	U	0.50
Silvex (2,4,5-TP)	0.50	U	0.50
Dinoseb	5.9	U	5.9

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	92	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 1747
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17009.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.9	U	5.9

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	93	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 1808
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17010.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.48	U	0.48
2,4-D	0.48	U	0.48
Silvex (2,4,5-TP)	0.48	U	0.48
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	69	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 1829
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17011.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	87	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 1850
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17012.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	89	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 1911
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17013.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	80	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 1932
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17014.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	74	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 1953
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17015.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	84	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/17/2007 2014
Date Prepared: 12/14/2007 0802

Analysis Batch: 680-93880
Prep Batch: 680-93531

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl17016.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	96	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/20/2007 1542
Date Prepared: 12/19/2007 0811

Analysis Batch: 680-94302
Prep Batch: 680-93989

Instrument ID: GC SemiVolatiles - S
Lab File ID: sk20010.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	86	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/20/2007 1602
Date Prepared: 12/19/2007 0811

Analysis Batch: 680-94302
Prep Batch: 680-93989

Instrument ID: GC SemiVolatiles - S
Lab File ID: sk20011.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.9	U	5.9

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	78	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/20/2007 1623
Date Prepared: 12/19/2007 0811

Analysis Batch: 680-94302
Prep Batch: 680-93989

Instrument ID: GC SemiVolatiles - S
Lab File ID: sk20012.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.48	U	0.48
2,4-D	0.48	U	0.48
Silvex (2,4,5-TP)	0.48	U	0.48
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	75	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/20/2007 1644
Date Prepared: 12/19/2007 0811

Analysis Batch: 680-94302
Prep Batch: 680-93989

Instrument ID: GC SemiVolatiles - S
Lab File ID: sk20013.d
Initial Weight/Volume: 1010 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	1.5		0.50
2,4-D	0.50	U	0.50
Silvex (2,4,5-TP)	0.50	U	0.50
Dinoseb	5.9	U	5.9

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	96	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW10-1207**

Lab Sample ID: 680-32602-1
Client Matrix: Water

Date Sampled: 12/10/2007 1030
Date Received: 12/11/2007 0929

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0132
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.050		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1719
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14D-1207**

Lab Sample ID: 680-32602-2
Client Matrix: Water

Date Sampled: 12/10/2007 1305
Date Received: 12/11/2007 0929

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0137
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.030		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1722
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW14M-1207**

Lab Sample ID: 680-32602-4
Client Matrix: Water

Date Sampled: 12/10/2007 1435
Date Received: 12/11/2007 0929

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0142
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.12		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1725
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0147
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.11		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	8.9		0.050
Lead	0.0050	U	0.0050
Manganese	0.46		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1727
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0151
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.36		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	27		0.050
Lead	0.0050	U	0.0050
Manganese	3.3		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1736
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16D-1207-F**

Lab Sample ID: 680-32631-4
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0156
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	9.1		0.050
Manganese, Dissolved	0.48		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW16M-1207-F**

Lab Sample ID: 680-32631-5
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0201
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	25		0.050
Manganese, Dissolved	3.2		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0206
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	1.2		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	13		0.050
Lead	0.0050	U	0.0050
Manganese	0.62		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1742
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW07-1207-F**

Lab Sample ID: 680-32682-2
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0221
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	15		0.050
Manganese, Dissolved	0.75		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0226
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.43		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	3.8		0.050
Lead	0.0050	U	0.0050
Manganese	0.58		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1747
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-F**

Lab Sample ID: 680-32682-5
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0231
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	3.4		0.050
Manganese, Dissolved	0.54		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW08-1207-AD**

Lab Sample ID: 680-32682-6FD
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0236
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.43		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	3.9		0.050
Lead	0.0050	U	0.0050
Manganese	0.59		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1753
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW09-1207**

Lab Sample ID: 680-32682-7
Client Matrix: Water

Date Sampled: 12/12/2007 1500
Date Received: 12/13/2007 0800

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method:	6010B	Analysis Batch: 680-94406		Instrument ID:	ICP/AES
Preparation:	3005A	Prep Batch: 680-94123		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	12/21/2007 0241			Final Weight/Volume:	50 mL
Date Prepared:	12/19/2007 1655				

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.081		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method:	7470A	Analysis Batch: 680-95119		Instrument ID:	LEEMAN1
Preparation:	7470A	Prep Batch: 680-94784		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	50 mL
Date Analyzed:	01/02/2008 1755			Final Weight/Volume:	50 mL
Date Prepared:	12/28/2007 1113				

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0306
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	2.1		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	19		0.050
Lead	0.0050	U	0.0050
Manganese	0.50		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1815
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15D(R)-1207-F**

Lab Sample ID: 680-32752-2
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0320
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	17		0.050
Manganese, Dissolved	0.45		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0325
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.52		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	21		0.050
Lead	0.0050	U	0.0050
Manganese	1.5		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1821
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW15M(R)-1207-F**

Lab Sample ID: 680-32752-4
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0330
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	20		0.050
Manganese, Dissolved	1.4		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0335
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	1.7		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	15		0.050
Lead	0.0050	U	0.0050
Manganese	0.36		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1826
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW11-1207-F**

Lab Sample ID: 680-32752-7
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0340
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	14		0.050
Manganese, Dissolved	0.35		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Client Sample ID: **PSMW17-1207**

Lab Sample ID: 680-32752-8
Client Matrix: Water

Date Sampled: 12/13/2007 1545
Date Received: 12/14/2007 0920

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 12/21/2007 0345
Date Prepared: 12/19/2007 1655

Analysis Batch: 680-94406
Prep Batch: 680-94123

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.17		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	2.1		0.050
Lead	0.0050	U	0.0050
Manganese	1.1		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/02/2008 1832
Date Prepared: 12/28/2007 1113

Analysis Batch: 680-95119
Prep Batch: 680-94784

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

General Chemistry

Client Sample ID: **PSMW16D-1207**

Lab Sample ID: 680-32631-1
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	120		mg/L	2.0	2.0	325.2
Anly Batch: 680-93625	Date Analyzed	12/14/2007 1322				
Nitrate as N	0.050	U	mg/L	0.050	1.0	353.2
Anly Batch: 680-93778	Date Analyzed	12/12/2007 1629				
Sulfate	160		mg/L	25	5.0	375.4
Anly Batch: 680-94214	Date Analyzed	12/19/2007 1531				
Total Organic Carbon	5.8		mg/L	1.0	1.0	415.1
Anly Batch: 680-94061	Date Analyzed	12/18/2007 1407				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	570		mg/L	1.0	1.0	310.1
Anly Batch: 680-93516	Date Analyzed	12/13/2007 0930				
Carbon Dioxide, Free	31	B	mg/L	1.0	1.0	310.1
Anly Batch: 680-93516	Date Analyzed	12/13/2007 0930				

US EPA ARCHIVE DOCUMENT

General Chemistry

Client Sample ID: **PSMW16M-1207**

Lab Sample ID: 680-32631-2
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	120		mg/L	2.0	2.0	325.2
Anly Batch: 680-93625	Date Analyzed	12/14/2007 1322				
Nitrate as N	0.050	U	mg/L	0.050	1.0	353.2
Anly Batch: 680-93778	Date Analyzed	12/12/2007 1718				
Sulfate	80		mg/L	25	5.0	375.4
Anly Batch: 680-94214	Date Analyzed	12/19/2007 1540				
Total Organic Carbon	4.8		mg/L	1.0	1.0	415.1
Anly Batch: 680-94061	Date Analyzed	12/18/2007 1407				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	640		mg/L	1.0	1.0	310.1
Anly Batch: 680-93516	Date Analyzed	12/13/2007 0941				
Carbon Dioxide, Free	41	B	mg/L	1.0	1.0	310.1
Anly Batch: 680-93516	Date Analyzed	12/13/2007 0941				

Client Sample ID: **PSMW16D-1207-F**

Lab Sample ID: 680-32631-4
Client Matrix: Water

Date Sampled: 12/11/2007 1050
Date Received: 12/12/2007 0923

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	4.8		mg/L	1.0	1.0	415.1
Anly Batch: 680-94179	Date Analyzed	12/19/2007 0014				

Client Sample ID: **PSMW16M-1207-F**

Lab Sample ID: 680-32631-5
Client Matrix: Water

Date Sampled: 12/11/2007 1250
Date Received: 12/12/2007 0923

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	3.6		mg/L	1.0	1.0	415.1
Anly Batch: 680-94179	Date Analyzed	12/19/2007 0014				

US EPA ARCHIVE DOCUMENT

General Chemistry

Client Sample ID: **PSMW07-1207**

Lab Sample ID: 680-32682-1
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	390		mg/L	5.0	5.0	325.2
Anly Batch: 680-93625	Date Analyzed	12/14/2007 1323				
Nitrate as N	0.050	U	mg/L	0.050	1.0	353.2
Anly Batch: 680-93785	Date Analyzed	12/13/2007 1314				
Sulfate	50	U	mg/L	50	10	375.4
Anly Batch: 680-94625	Date Analyzed	12/26/2007 1711				
Total Organic Carbon	7.9		mg/L	1.0	1.0	415.1
Anly Batch: 680-94450	Date Analyzed	12/21/2007 1246				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	720		mg/L	1.0	1.0	310.1
Anly Batch: 680-93569	Date Analyzed	12/14/2007 0822				
Carbon Dioxide, Free	37	B	mg/L	1.0	1.0	310.1
Anly Batch: 680-93569	Date Analyzed	12/14/2007 0822				

Client Sample ID: **PSMW07-1207-F**

Lab Sample ID: 680-32682-2
Client Matrix: Water

Date Sampled: 12/12/2007 1000
Date Received: 12/13/2007 0800

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	6.1		mg/L	1.0	1.0	415.1
Anly Batch: 680-94179	Date Analyzed	12/19/2007 0014				

US EPA ARCHIVE DOCUMENT

General Chemistry

Client Sample ID: **PSMW08-1207**

Lab Sample ID: 680-32682-4
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	110		mg/L	2.0	2.0	325.2
Anly Batch: 680-93625	Date Analyzed	12/14/2007 1322				
Nitrate as N	0.050	U	mg/L	0.050	1.0	353.2
Anly Batch: 680-93785	Date Analyzed	12/13/2007 1333				
Sulfate	400		mg/L	100	20	375.4
Anly Batch: 680-94625	Date Analyzed	12/26/2007 1735				
Total Organic Carbon	5.4		mg/L	1.0	1.0	415.1
Anly Batch: 680-94450	Date Analyzed	12/21/2007 1305				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	650		mg/L	1.0	1.0	310.1
Anly Batch: 680-93569	Date Analyzed	12/14/2007 0833				
Carbon Dioxide, Free	28	B	mg/L	1.0	1.0	310.1
Anly Batch: 680-93569	Date Analyzed	12/14/2007 0833				

Client Sample ID: **PSMW08-1207-F**

Lab Sample ID: 680-32682-5
Client Matrix: Water

Date Sampled: 12/12/2007 1210
Date Received: 12/13/2007 0800

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	3.7		mg/L	1.0	1.0	415.1
Anly Batch: 680-94179	Date Analyzed	12/19/2007 0014				

US EPA ARCHIVE DOCUMENT

General Chemistry

Client Sample ID: **PSMW15D(R)-1207**

Lab Sample ID: 680-32752-1
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	310		mg/L	5.0	5.0	325.2
Anly Batch: 680-94213	Date Analyzed	12/19/2007 1706				
Nitrate as N	0.050	U	mg/L	0.050	1.0	353.2
Anly Batch: 680-93917	Date Analyzed	12/14/2007 1510				
Sulfate	5.0	U	mg/L	5.0	1.0	375.4
Anly Batch: 680-94625	Date Analyzed	12/26/2007 1642				
Total Organic Carbon	7.2		mg/L	1.0	1.0	415.1
Anly Batch: 680-94450	Date Analyzed	12/21/2007 1319				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	830		mg/L	1.0	1.0	310.1
Anly Batch: 680-93730	Date Analyzed	12/17/2007 1233				
Carbon Dioxide, Free	36	B	mg/L	1.0	1.0	310.1
Anly Batch: 680-93730	Date Analyzed	12/17/2007 1233				

Client Sample ID: **PSMW15D(R)-1207-F**

Lab Sample ID: 680-32752-2
Client Matrix: Water

Date Sampled: 12/13/2007 0945
Date Received: 12/14/2007 0920

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	5.4		mg/L	1.0	1.0	415.1
Anly Batch: 680-94179	Date Analyzed	12/19/2007 0014				

US EPA ARCHIVE DOCUMENT

General Chemistry

Client Sample ID: **PSMW15M(R)-1207**

Lab Sample ID: 680-32752-3
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	72		mg/L	1.0	1.0	325.2
	Anly Batch: 680-94213	Date Analyzed	12/19/2007 1654			
Nitrate as N	0.050	U	mg/L	0.050	1.0	353.2
	Anly Batch: 680-93917	Date Analyzed	12/14/2007 1513			
Sulfate	280		mg/L	50	10	375.4
	Anly Batch: 680-94625	Date Analyzed	12/26/2007 1735			
Total Organic Carbon	1.6		mg/L	1.0	1.0	415.1
	Anly Batch: 680-94450	Date Analyzed	12/21/2007 1338			

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	410		mg/L	1.0	1.0	310.1
	Anly Batch: 680-93730	Date Analyzed	12/17/2007 1241			
Carbon Dioxide, Free	19	B	mg/L	1.0	1.0	310.1
	Anly Batch: 680-93730	Date Analyzed	12/17/2007 1241			

Client Sample ID: **PSMW15M(R)-1207-F**

Lab Sample ID: 680-32752-4
Client Matrix: Water

Date Sampled: 12/13/2007 1130
Date Received: 12/14/2007 0920

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	1.3		mg/L	1.0	1.0	415.1
	Anly Batch: 680-94179	Date Analyzed	12/19/2007 0014			

US EPA ARCHIVE DOCUMENT

General Chemistry

Client Sample ID: **PSMW11-1207**

Lab Sample ID: 680-32752-6
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	270		mg/L	5.0	5.0	325.2
Anly Batch: 680-94213	Date Analyzed	12/19/2007 1706				
Nitrate as N	0.050	U	mg/L	0.050	1.0	353.2
Anly Batch: 680-93917	Date Analyzed	12/14/2007 1513				
Sulfate	5.0	U	mg/L	5.0	1.0	375.4
Anly Batch: 680-94625	Date Analyzed	12/26/2007 1642				
Total Organic Carbon	6.8		mg/L	1.0	1.0	415.1
Anly Batch: 680-94450	Date Analyzed	12/21/2007 1354				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	800		mg/L	1.0	1.0	310.1
Anly Batch: 680-93730	Date Analyzed	12/17/2007 1253				
Carbon Dioxide, Free	27	B	mg/L	1.0	1.0	310.1
Anly Batch: 680-93730	Date Analyzed	12/17/2007 1253				

Client Sample ID: **PSMW11-1207-F**

Lab Sample ID: 680-32752-7
Client Matrix: Water

Date Sampled: 12/13/2007 1320
Date Received: 12/14/2007 0920

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	5.7		mg/L	1.0	1.0	415.1
Anly Batch: 680-94179	Date Analyzed	12/19/2007 0014				

US EPA ARCHIVE DOCUMENT

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	E	Result exceeded calibration range, secondary dilution required.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range, secondary dilution required.
	F	RPD of the MS and MSD exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

US EPA ARCHIVE DOCUMENT

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 680-32602-1
Sdg Number: KPS035

Lab Section	Qualifier	Description
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
General Chemistry		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.

US EPA ARCHIVE DOCUMENT

SDG KPS036

Results of Samples from Wells:

PSMW01
PSMW06
PSMW13

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Solutia Krummrich Data Review

Laboratory SDG: KPS036

Reviewer: Tony Sedlacek

Date Reviewed: 2/13/2008

Guidance: USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA 1999). USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA 2004).

Applicable Work Plan: Plume Stability Monitoring Plan (2005).

Sample Identification #	Sample Identification #
PSMW01-1207	PSMW01-1207-EB
TB05-1207	PSMW13-1207
PSMW06-1207	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated that the PCB surrogate was diluted out and not recovered in sample PSMW01-1207. Also, a pesticides surrogate recovery was outside evaluation criteria in sample PSMW01-1207. The PCB internal standard Phenanthrene-d_{10} recovery was above evaluation criteria. Some VOC and PCB samples were diluted due to a high level of target analytes. Although not indicated in the laboratory case narrative, VOCs were detected in the equipment blank. These issues are addressed further in the appropriate sections below.

The cooler receipt form did not indicate any problems.

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3.0 Holding Times

Were samples extracted/analyzed within QAPP limits?

Yes

Field ID	Parameter	Analyte	Qualification
N/A			

4.0 Blank Contamination

Were any analytes detected in the Method Blanks, Field Blanks or Trip Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration	Units
PSMW01-1207-EB	VOCs	Methyl Ethyl Ketone	77	µg/L
PSMW01-1207-EB	VOCs	Ethylbenzene	1.3	µg/L

Qualifications due to blank contamination are included in the table below. Analytical data that were reported nondetect or at concentrations greater than five times (5X) the associated blank concentration (10X for common laboratory contaminants) did not require qualification.

Field ID	Parameter	Analyte	New RL	Qualification
PSMW06-1207	VOCs	Methyl Ethyl Ketone	28	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

LCS ID	Parameter	Analyte	LCS/LCSD Recovery	RPD	LCS/LCSD/RPD Criteria
N/A					

Analytical data that required qualification based on LCS data are included in the table below.

Field ID	Parameter	Analyte	Qualification

N/A			

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

No, the PCB surrogate Decachlorobiphenyl-13C12 was diluted out and not recovered in sample PSMW01-1207. No qualification of data was required.

Field ID	Parameter	Surrogate	Recovery	Criteria
PSMW01-1207	Pesticides	DCB Decachlorobiphenyl	**13**	14-115

Analytical data that required qualification based on surrogate data are included in the table below. Analytical data which were reported as nondetect and associated with surrogate recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Field ID	Parameter	Analyte	Qualification
PSMW01-1207	Pesticides	All Pesticides	**UJ**

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples reported as part of this SDG?

Yes, sample PSMW01-1207 was spiked and analyzed for metals.

Were MS/MSD recoveries within evaluation criteria?

Yes

MS/MSD ID	Parameter	Analyte	MS/MSD Recovery	RPD	MS/MSD/RPD Criteria
N/A					

Analytical data that required qualification based on MS/MSD data are included in the table below. USEPA National Functional Guidelines for Organic Data Review indicates that organic data should not be qualified based on MS/MSD data alone and LCS recoveries were within evaluation criteria, therefore no qualification of the data was required.

Field ID	Parameter	Analyte	Qualification
N/A			

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8.0 Internal Standard (IS) Recoveries

Were internal standard area recoveries within evaluation criteria?

No

Field ID	Parameter	Analyte	IS Area Recovery	IS Criteria
PSMW01-1207	PCBs	Phenanthrene-d_{10}	**178266**	57441-82058

Analytical data that required qualification based on IS data are included in the table below. Internal standard areas outside criteria in quality control samples did not require qualification. Analytical data which were reported as nondetect and associated with internal standard recoveries above evaluation criteria, indicating a possible high bias, did not require qualification.

Field ID	Parameter	Analyte	Qualification
N/A			

9.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

Were laboratory duplicate sample RPDs within criteria?

N/A

Field ID	Parameter	Analyte	RPD	Criteria
N/A				

Data qualified due to outlying laboratory duplicate recoveries are identified below:

Field ID	Parameter	Analyte	Qualification
N/A			

10.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

Field ID	Field Duplicate ID

N/A	

Were field duplicates within evaluation criteria?

N/A

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
N/A					

11.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

No

The following table identifies the analyses which were reported as nondetect, diluted, and an undiluted run ***was not*** reported:

Field ID	Parameter	Dilution Factor
PSMW01-1207	VOCs	50
PSMW06-1207	VOCs	2
PSMW01-1207	PCBs	10

12.0 Additional Qualifications

Were additional qualifications applied?

No

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-32815-1

SDG Number: KPS036

Job Description: WGK Plume Stability Monitoring Plan

For:
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110

Attention: Mr. Bob Billman



Lidya Gulizia
Project Manager I
lidya.gulizia@testamericainc.com
01/21/2008

cc: Mr. Bruce Yare

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report.

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Job Narrative
680-J32815-1 / SDG No. KPS036

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 680: The following sample was diluted due to the nature of the sample matrix: PSMW01-1207 (680-32815-1). Elevated reporting limits (RLs) are provided.

Method(s) 680: Internal standard (ISTD) responses for the primary (ISTD) was outside of acceptance limits for the following sample: PSMW01-1207 (680-32815-1). The sample shows evidence of matrix interference, therefore, Phenanthrene-d10 was used.

No other analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Comments
No additional comments.

METHOD SUMMARY

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds by GC/MS	TAL SAV	SW846 8260B	
Purge-and-Trap	TAL SAV		SW846 5030B
Polychlorinated Biphenyls by GCMS	TAL SAV	EPA 680	
Polychlorinated Biphenyls by GCMS Preparation for	TAL SAV		EPA 680
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Continuous Liquid-Liquid Extraction	TAL SAV		SW846 3520C
Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography	TAL SAV	SW846 8081A_8082	
Continuous Liquid-Liquid Extraction	TAL SAV		SW846 3520C
Chlorinated Herbicides by GC	TAL SAV	SW846 8151A	
Chlorinated Herbicides by GC - Aqueous Prep	TAL SAV		SW846 8151A
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SAV	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	TAL SAV		SW846 3005A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL SAV	SW846 7470A	
Mercury in Liquid Waste (Manual Cold Vapor	TAL SAV		SW846 7470A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

EPA = US Environmental Protection Agency

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

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METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Method	Analyst	Analyst ID
SW846 8260B	Bearden, Robert	RB
EPA 680	Johnson, Brad	BJ
SW846 8270C	Loomis, Eric	EL
SW846 8081A_8082	Kellar, Joshua	JK
SW846 8151A	Kellar, Joshua	JK
SW846 6010B	Bland, Brian	BB
SW846 7470A	Bland, Brian	BB

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SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-32815-1	PSMW01-1207	Water	12/14/2007 1010	12/15/2007 1011
680-32815-2EB	PSMW01-1207-EB	Water	12/14/2007 1100	12/15/2007 1011
680-32815-3TB	TB05-1207	Water	12/14/2007 0700	12/15/2007 1011
680-32815-4	PSMW13-1207	Water	12/14/2007 1235	12/15/2007 1011
680-32815-5	PSMW06-1207	Water	12/14/2007 1435	12/15/2007 1011

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SAMPLE RESULTS

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 12/28/2007 1444
Date Prepared: 12/28/2007 1444

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0567.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	1300	U	1300
Acetonitrile	2000	U	2000
Acrolein	1000	U	1000
Acrylonitrile	1000	U	1000
Benzene	5400		50
Bromodichloromethane	50	U	50
Bromoform	50	U	50
Bromomethane	50	U	50
Methyl Ethyl Ketone	500	U	500
Carbon disulfide	100	U	100
Carbon tetrachloride	50	U	50
Chlorobenzene	50	U	50
2-Chloro-1,3-butadiene	50	U	50
Chloroethane	50	U	50
Chloroform	50	U	50
Chloromethane	50	U	50
3-Chloro-1-propene	50	U	50
cis-1,2-Dichloroethene	50	U	50
cis-1,3-Dichloropropene	50	U	50
Dibromochloromethane	50	U	50
1,2-Dibromo-3-Chloropropane	50	U	50
Dibromomethane	50	U	50
1,2-Dichlorobenzene	50	U	50
1,3-Dichlorobenzene	50	U	50
1,4-Dichlorobenzene	50	U	50
Dichlorodifluoromethane	50	U	50
1,1-Dichloroethane	50	U	50
1,2-Dichloroethane	50	U	50
1,1-Dichloroethene	50	U	50
1,2-Dichloropropane	50	U	50
Ethylbenzene	1700		50
Ethylene Dibromide	50	U	50
Ethyl methacrylate	50	U	50
2-Hexanone	500	U	500
Iodomethane	250	U	250
Isobutyl alcohol	2000	U	2000
Methacrylonitrile	1000	U	1000
Methylene Chloride	250	U	250
Methyl methacrylate	50	U	50
methyl isobutyl ketone	500	U	500
Pentachloroethane	250	U	250
Propionitrile	1000	U	1000
Styrene	50	U	50
1,1,1,2-Tetrachloroethane	50	U	50

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Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 12/28/2007 1444
Date Prepared: 12/28/2007 1444

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0567.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	50	U	50
Tetrachloroethene	50	U	50
Toluene	260		50
trans-1,4-Dichloro-2-butene	100	U	100
trans-1,2-Dichloroethene	50	U	50
trans-1,3-Dichloropropene	50	U	50
1,1,1-Trichloroethane	50	U	50
1,1,2-Trichloroethane	50	U	50
Trichloroethene	50	U	50
Trichlorofluoromethane	50	U	50
1,2,3-Trichloropropane	50	U	50
Vinyl acetate	100	U	100
Vinyl chloride	50	U	50
Xylenes, Total	2500		100

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	105	75 - 120
Dibromofluoromethane	88	75 - 121
Toluene-d8 (Surr)	105	75 - 120

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Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1541
Date Prepared: 12/28/2007 1541

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0571.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	77		10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.3		1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

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Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1541
Date Prepared: 12/28/2007 1541

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0571.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.1		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	101	75 - 120
Dibromofluoromethane	93	75 - 121
Toluene-d8 (Surr)	102	75 - 120

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Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **TB05-1207**

Lab Sample ID: 680-32815-3TB
Client Matrix: Water

Date Sampled: 12/14/2007 0700
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1609
Date Prepared: 12/28/2007 1609

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0573.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **TB05-1207**

Lab Sample ID: 680-32815-3TB
Client Matrix: Water

Date Sampled: 12/14/2007 0700
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1609
Date Prepared: 12/28/2007 1609

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0573.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	104	75 - 120
Dibromofluoromethane	89	75 - 121
Toluene-d8 (Surr)	102	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1638
Date Prepared: 12/28/2007 1638

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0575.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	11		1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1638
Date Prepared: 12/28/2007 1638

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0575.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	103	75 - 120
Dibromofluoromethane	91	75 - 121
Toluene-d8 (Surr)	102	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 12/28/2007 1513
Date Prepared: 12/28/2007 1513

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0569.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	50	U	50
Acetonitrile	80	U	80
Acrolein	40	U	40
Acrylonitrile	40	U	40
Benzene	20		2.0
Bromodichloromethane	2.0	U	2.0
Bromoform	2.0	U	2.0
Bromomethane	2.0	U	2.0
Methyl Ethyl Ketone	28		20
Carbon disulfide	4.0	U	4.0
Carbon tetrachloride	2.0	U	2.0
Chlorobenzene	260		2.0
2-Chloro-1,3-butadiene	2.0	U	2.0
Chloroethane	2.0	U	2.0
Chloroform	2.0	U	2.0
Chloromethane	2.0	U	2.0
3-Chloro-1-propene	2.0	U	2.0
cis-1,2-Dichloroethene	2.0	U	2.0
cis-1,3-Dichloropropene	2.0	U	2.0
Dibromochloromethane	2.0	U	2.0
1,2-Dibromo-3-Chloropropane	2.0	U	2.0
Dibromomethane	2.0	U	2.0
1,2-Dichlorobenzene	12		2.0
1,3-Dichlorobenzene	2.0	U	2.0
1,4-Dichlorobenzene	50		2.0
Dichlorodifluoromethane	2.0	U	2.0
1,1-Dichloroethane	2.0	U	2.0
1,2-Dichloroethane	2.0	U	2.0
1,1-Dichloroethene	2.0	U	2.0
1,2-Dichloropropane	2.0	U	2.0
Ethylbenzene	2.0	U	2.0
Ethylene Dibromide	2.0	U	2.0
Ethyl methacrylate	2.0	U	2.0
2-Hexanone	20	U	20
Iodomethane	10	U	10
Isobutyl alcohol	80	U	80
Methacrylonitrile	40	U	40
Methylene Chloride	10	U	10
Methyl methacrylate	2.0	U	2.0
methyl isobutyl ketone	20	U	20
Pentachloroethane	10	U	10
Propionitrile	40	U	40
Styrene	2.0	U	2.0
1,1,1,2-Tetrachloroethane	2.0	U	2.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 2.0
Date Analyzed: 12/28/2007 1513
Date Prepared: 12/28/2007 1513

Analysis Batch: 680-94818

Instrument ID: GC/MS Volatiles - O
Lab File ID: o0569.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	2.0	U	2.0
Tetrachloroethene	2.0	U	2.0
Toluene	2.0	U	2.0
trans-1,4-Dichloro-2-butene	4.0	U	4.0
trans-1,2-Dichloroethene	2.0	U	2.0
trans-1,3-Dichloropropene	2.0	U	2.0
1,1,1-Trichloroethane	2.0	U	2.0
1,1,2-Trichloroethane	2.0	U	2.0
Trichloroethene	2.0	U	2.0
Trichlorofluoromethane	2.0	U	2.0
1,2,3-Trichloropropane	2.0	U	2.0
Vinyl acetate	4.0	U	4.0
Vinyl chloride	2.0	U	2.0
Xylenes, Total	4.0	U	4.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	109	75 - 120
Dibromofluoromethane	82	75 - 121
Toluene-d8 (Surr)	108	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 10
Date Analyzed: 01/15/2008 1233
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-96000
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.97	U	0.97
Dichlorobiphenyl	0.97	U	0.97
Trichlorobiphenyl	0.97	U	0.97
Tetrachlorobiphenyl	1.9	U	1.9
Pentachlorobiphenyl	1.9	U	1.9
Hexachlorobiphenyl	1.9	U	1.9
Heptachlorobiphenyl	2.9	U	2.9
Octachlorobiphenyl	2.9	U	2.9
Nonachlorobiphenyl	4.9	U	4.9
DCB Decachlorobiphenyl	4.9	U	4.9

Surrogate	%Rec		Acceptance Limits
Decachlorobiphenyl-13C12	0	D	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/13/2008 0406
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95953
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.097	U	0.097
Dichlorobiphenyl	0.097	U	0.097
Trichlorobiphenyl	0.097	U	0.097
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.49	U	0.49
DCB Decachlorobiphenyl	0.49	U	0.49

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	66	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/13/2008 0452
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95953
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.097	U	0.097
Dichlorobiphenyl	0.097	U	0.097
Trichlorobiphenyl	0.097	U	0.097
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.49	U	0.49
DCB Decachlorobiphenyl	0.49	U	0.49

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	60	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/13/2008 0538
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95953
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.094	U	0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	56	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1544
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0926.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.6	U	9.6
Acenaphthylene	9.6	U	9.6
Acetophenone	9.6	U	9.6
2-Acetylaminofluorene	9.6	U	9.6
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.6	U	9.6
Aniline	19	U	19
Anthracene	9.6	U	9.6
Aramite, Total	9.6	U	9.6
Benzo[a]anthracene	9.6	U	9.6
Benzo[a]pyrene	9.6	U	9.6
Benzo[b]fluoranthene	9.6	U	9.6
Benzo[g,h,i]perylene	9.6	U	9.6
Benzo[k]fluoranthene	9.6	U	9.6
Benzyl alcohol	9.6	U	9.6
1,1'-Biphenyl	9.6	U	9.6
Bis(2-chloroethoxy)methane	9.6	U	9.6
Bis(2-chloroethyl)ether	9.6	U	9.6
bis(chloroisopropyl) ether	9.6	U	9.6
Bis(2-ethylhexyl) phthalate	9.6	U	9.6
4-Bromophenyl phenyl ether	9.6	U	9.6
Butyl benzyl phthalate	9.6	U	9.6
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.6	U	9.6
2-Chloronaphthalene	9.6	U	9.6
2-Chlorophenol	9.6	U	9.6
4-Chlorophenyl phenyl ether	9.6	U	9.6
Chrysene	9.6	U	9.6
Diallate	9.6	U	9.6
Dibenz(a,h)anthracene	9.6	U	9.6
Dibenzofuran	9.6	U	9.6
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.6	U	9.6
2,6-Dichlorophenol	9.6	U	9.6
Diethyl phthalate	9.6	U	9.6
Dimethoate	9.6	U	9.6
7,12-Dimethylbenz(a)anthracene	9.6	U	9.6
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	13		9.6
Dimethyl phthalate	9.6	U	9.6
Di-n-butyl phthalate	9.6	U	9.6
1,3-Dinitrobenzene	9.6	U	9.6
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1544
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0926.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.6	U	9.6
2,6-Dinitrotoluene	9.6	U	9.6
Di-n-octyl phthalate	9.6	U	9.6
1,4-Dioxane	9.6	U	9.6
Disulfoton	9.6	U	9.6
Ethyl methanesulfonate	9.6	U	9.6
Famphur	9.6	U	9.6
Fluoranthene	9.6	U	9.6
Fluorene	9.6	U	9.6
Hexachlorobenzene	9.6	U	9.6
Hexachlorobutadiene	9.6	U	9.6
Hexachlorocyclopentadiene	9.6	U	9.6
Hexachloroethane	9.6	U	9.6
Hexachlorophene	4800	U	4800
Hexachloropropene	9.6	U	9.6
Indeno[1,2,3-cd]pyrene	9.6	U	9.6
Isophorone	9.6	U	9.6
Isosafrole	9.6	U	9.6
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.6	U	9.6
Methyl methanesulfonate	9.6	U	9.6
2-Methylnaphthalene	85		9.6
Methyl parathion	9.6	U	9.6
2-Methylphenol	9.6	U	9.6
3 & 4 Methylphenol	9.6	U	9.6
Naphthalene	150		9.6
1,4-Naphthoquinone	9.6	U	9.6
1-Naphthylamine	9.6	U	9.6
2-Naphthylamine	9.6	U	9.6
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	9.6	U	9.6
2-Nitrophenol	9.6	U	9.6
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.6	U	9.6
N-Nitrosodiethylamine	9.6	U	9.6
N-Nitrosodimethylamine	9.6	U	9.6
N-Nitrosodi-n-butylamine	9.6	U	9.6
N-Nitrosodi-n-propylamine	9.6	U	9.6
N-Nitrosodiphenylamine	9.6	U	9.6
N-Nitrosomethylethylamine	9.6	U	9.6
N-Nitrosomorpholine	9.6	U	9.6

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1544
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0926.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.6	U	9.6
N-Nitrosopyrrolidine	9.6	U	9.6
o,o',o''-Triethylphosphorothioate	9.6	U	9.6
Ethyl Parathion	9.6	U	9.6
p-Dimethylamino azobenzene	9.6	U	9.6
Pentachlorobenzene	9.6	U	9.6
Pentachloronitrobenzene	9.6	U	9.6
Pentachlorophenol	48	U	48
Phenacetin	9.6	U	9.6
Phenanthrene	9.6	U	9.6
Phenol	57		9.6
Phorate	9.6	U	9.6
2-Picoline	9.6	U	9.6
p-Phenylene diamine	1900	U	1900
Pronamide	9.6	U	9.6
Pyrene	9.6	U	9.6
Pyridine	48	U	48
Safrole, Total	9.6	U	9.6
Sulfotepp	9.6	U	9.6
1,2,4,5-Tetrachlorobenzene	9.6	U	9.6
2,3,4,6-Tetrachlorophenol	9.6	U	9.6
Thionazin	9.6	U	9.6
2-Toluidine	9.6	U	9.6
1,2,4-Trichlorobenzene	9.6	U	9.6
2,4,5-Trichlorophenol	9.6	U	9.6
2,4,6-Trichlorophenol	9.6	U	9.6
1,3,5-Trinitrobenzene	9.6	U	9.6

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	67	50 - 113
2-Fluorophenol	65	36 - 110
Nitrobenzene-d5	67	45 - 112
Phenol-d5	73	38 - 116
Terphenyl-d14	42	10 - 121
2,4,6-Tribromophenol	84	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95474		Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-94372		Lab File ID:	g0927.d
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	01/09/2008 1606			Final Weight/Volume:	1 mL
Date Prepared:	12/21/2007 1700			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	9.4	U	9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1606
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0927.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95474		Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3520C	Prep Batch: 680-94372		Lab File ID:	g0927.d
Dilution:	1.0			Initial Weight/Volume:	1060 mL
Date Analyzed:	01/09/2008 1606			Final Weight/Volume:	1 mL
Date Prepared:	12/21/2007 1700			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	9.4	U	9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	50 - 113
2-Fluorophenol	72	36 - 110
Nitrobenzene-d5	75	45 - 112
Phenol-d5	76	38 - 116
Terphenyl-d14	97	10 - 121
2,4,6-Tribromophenol	84	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1628
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0928.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	9.4	U	9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1628
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0928.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1628
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0928.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	9.4	U	9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	74	50 - 113
2-Fluorophenol	69	36 - 110
Nitrobenzene-d5	68	45 - 112
Phenol-d5	71	38 - 116
Terphenyl-d14	72	10 - 121
2,4,6-Tribromophenol	85	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1649
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0929.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	9.4	U	9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1649
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0929.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/09/2008 1649
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95474
Prep Batch: 680-94372

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g0929.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	9.4	U	9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	75	50 - 113
2-Fluorophenol	74	36 - 110
Nitrobenzene-d5	76	45 - 112
Phenol-d5	78	38 - 116
Terphenyl-d14	50	10 - 121
2,4,6-Tribromophenol	95	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/24/2007 1910
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95020
Prep Batch: 680-94377

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml24022.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.097	U	0.097
4,4'-DDE	0.097	U	0.097
4,4'-DDT	0.097	U	0.097
delta-BHC	0.049	U	0.049
Dieldrin	0.097	U	0.097
Endosulfan I	0.049	U	0.049
Endosulfan II	0.097	U	0.097
Endosulfan sulfate	0.097	U	0.097
Endrin	0.097	U	0.097
Endrin aldehyde	0.097	U	0.097
Endrin ketone	0.097	U	0.097
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.97	U	0.97
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	13	X	14 - 115
Tetrachloro-m-xylene	41		35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/24/2007 1930
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95020
Prep Batch: 680-94377

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml24023.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.097	U	0.097
4,4'-DDE	0.097	U	0.097
4,4'-DDT	0.097	U	0.097
delta-BHC	0.049	U	0.049
Dieldrin	0.097	U	0.097
Endosulfan I	0.049	U	0.049
Endosulfan II	0.097	U	0.097
Endosulfan sulfate	0.097	U	0.097
Endrin	0.097	U	0.097
Endrin aldehyde	0.097	U	0.097
Endrin ketone	0.097	U	0.097
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.97	U	0.97
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	31	14 - 115
Tetrachloro-m-xylene	84	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/24/2007 1949
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95020
Prep Batch: 680-94377

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml24024.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.097	U	0.097
4,4'-DDE	0.097	U	0.097
4,4'-DDT	0.097	U	0.097
delta-BHC	0.049	U	0.049
Dieldrin	0.097	U	0.097
Endosulfan I	0.049	U	0.049
Endosulfan II	0.097	U	0.097
Endosulfan sulfate	0.097	U	0.097
Endrin	0.097	U	0.097
Endrin aldehyde	0.097	U	0.097
Endrin ketone	0.097	U	0.097
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.97	U	0.97
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	33	14 - 115
Tetrachloro-m-xylene	73	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 12/24/2007 2008
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95020
Prep Batch: 680-94377

Instrument ID: GC SemiVolatiles - M
Lab File ID: ml24025.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.097	U	0.097
4,4'-DDE	0.097	U	0.097
4,4'-DDT	0.097	U	0.097
delta-BHC	0.049	U	0.049
Dieldrin	0.097	U	0.097
Endosulfan I	0.049	U	0.049
Endosulfan II	0.097	U	0.097
Endosulfan sulfate	0.097	U	0.097
Endrin	0.097	U	0.097
Endrin aldehyde	0.097	U	0.097
Endrin ketone	0.097	U	0.097
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.97	U	0.97
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	16	14 - 115
Tetrachloro-m-xylene	61	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/20/2007 1705
Date Prepared: 12/19/2007 0811

Analysis Batch: 680-94302
Prep Batch: 680-93989

Instrument ID: GC SemiVolatiles - S
Lab File ID: sk20014.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	91	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/20/2007 1726
Date Prepared: 12/19/2007 0811

Analysis Batch: 680-94302
Prep Batch: 680-93989

Instrument ID: GC SemiVolatiles - S
Lab File ID: sk20015.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	80	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/20/2007 1747
Date Prepared: 12/19/2007 0811

Analysis Batch: 680-94302
Prep Batch: 680-93989

Instrument ID: GC SemiVolatiles - S
Lab File ID: sk20016.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.48	U	0.48
2,4-D	0.48	U	0.48
Silvex (2,4,5-TP)	0.48	U	0.48
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	72	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/20/2007 1808
Date Prepared: 12/19/2007 0811

Analysis Batch: 680-94302
Prep Batch: 680-93989

Instrument ID: GC SemiVolatiles - S
Lab File ID: sk20017.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.48	U	0.48
2,4-D	0.48	U	0.48
Silvex (2,4,5-TP)	0.48	U	0.48
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	79	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207**

Lab Sample ID: 680-32815-1
Client Matrix: Water

Date Sampled: 12/14/2007 1010
Date Received: 12/15/2007 1011

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0122
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	1.1		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1102
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW01-1207-EB**

Lab Sample ID: 680-32815-2EB
Client Matrix: Water

Date Sampled: 12/14/2007 1100
Date Received: 12/15/2007 1011

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0147
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.010	U	0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1105
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW13-1207**

Lab Sample ID: 680-32815-4
Client Matrix: Water

Date Sampled: 12/14/2007 1235
Date Received: 12/15/2007 1011

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0152
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.096		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1108
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Client Sample ID: **PSMW06-1207**

Lab Sample ID: 680-32815-5
Client Matrix: Water

Date Sampled: 12/14/2007 1435
Date Received: 12/15/2007 1011

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0157
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.016		0.010
Barium	0.053		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.038		0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	22		0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1111
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 680-32815-1
Sdg Number: KPS036

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	X	Surrogate exceeds the control limits
Metals		
	U	Indicates the analyte was analyzed for but not detected.

US EPA ARCHIVE DOCUMENT

SDG KPS037

Results of Samples from Wells:

PSMW03
PSMW04
PSMW05
PSMW12

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Solutia Krummrich Data Review

Laboratory SDG: KPS037

Reviewer: Tony Sedlacek

Date Reviewed: 2/13/2008

Guidance: USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA 1999). USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (USEPA 2004).

Applicable Work Plan: Plume Stability Monitoring Plan (2005).

Sample Identification #	Sample Identification #
TB06-1207	PSMW03-1207
PSMW03-1207-F	PSMW03-1207-AD
PSMW05-1207	PSMW05-1207-F
PSMW04-1207	PSMW04-1207-EB
TB07-1207	PSMW12-1207
PSMW12-1207-F	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated that PCB surrogates in some samples were diluted out and not recovered due to dilution. PCB and pesticide internal standard recoveries were outside evaluation criteria. SVOC and pesticide surrogate recoveries were outside evaluation criteria. Nitrite samples were analyzed outside holding time criteria. The MS/MSD recoveries for chloride were outside evaluation criteria. Some VOC, PCB, SVOC and general chemistry samples were diluted due to a high level of target analytes. Although not indicated in the laboratory case narrative, VOCs were detected in the equipment blank. In addition, there was a greater than two times (2X) the reporting limit difference between the PCB parent

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and field duplicate results and SVOC field duplicate RPDs were outside evaluation criteria. These issues are addressed further in the appropriate sections below.

The cooler receipt form did not indicate any problems.

3.0 Holding Times

Were samples extracted/analyzed within QAPP limits?

No, nitrite samples PSMW03-1207 (2 days), PSMW05-1207 (2 days) and PSMW12-1207 (1 days) were analyzed outside holding time criteria (48 hours).

Field ID	Parameter	Analyte	Qualification
PSMW03-1207	General Chemistry	Nitrite	**UJ**
PSMW05-1207	General Chemistry	Nitrite	**UJ**
PSMW12-1207	General Chemistry	Nitrite	**UJ**

4.0 Blank Contamination

Were any analytes detected in the Method Blanks, Field Blanks or Trip Blanks?

Yes

Blank ID	Parameter	Analyte	Concentration	Units
PSMW04-1207-EB	VOCs	Benzene	24	µg/L
PSMW04-1207-EB	VOCs	Chlorobenzene	6.9	µg/L
PSMW04-1207-EB	VOCs	1,2-Dichlorobenzene	7.6	µg/L
PSMW04-1207-EB	VOCs	1,4-Dichlorobenzene	9.2	µg/L

Qualifications due to blank contamination are included in the table below. Analytical data that were reported nondetect or at concentrations greater than five times (5X) the associated blank concentration (10X for common laboratory contaminants) did not require qualification.

Field ID	Parameter	Analyte	New RL	Qualification
PSMW12-1207	VOCs	1,2-Dichlorobenzene	28	**U**

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

LCS ID	Parameter	Analyte	LCS/LCSD Recovery	RPD	LCS/LCSD/RPD Criteria
N/A					

Analytical data that required qualification based on LCS data are included in the table below.

Field ID	Parameter	Analyte	Qualification
N/A			

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

No, PCB surrogate Decachlorobiphenyl-13C12 was diluted out and not recovered in samples PSMW03-1207 and PSMW03-1207-AD. No qualification of data was required. Also, all SVOC surrogates were diluted out and not recovered in sample PSMW03-1207 and PSMW03-1207-AD.

Field ID	Parameter	Surrogate	Recovery	Criteria
PSMW03-1207	SVOCs	Phenol-d_5	**120**	38-116
PSMW04-1207	SVOCs	Phenol-d_5	**120**	38-116
PSMW03-1207	Pesticides	DCB Decachlorobiphenyl	**13**	14-115

Analytical data that required qualification based on surrogate data are included in the table below. Since only one acid fraction surrogate was outside criteria for both samples and Functional Guidelines indicates to qualify data if two or more surrogates per SVOC fraction are outside criteria, no qualification of the SVOC data was required.

Field ID	Parameter	Analyte	Qualification
PSMW03-1207	Pesticides	All pesticides	**J/UJ**

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7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples reported as part of this SDG?

Yes, sample PSM12-1207 was spiked and analyzed for mercury. Sample PSMW05-1207 was spiked and analyzed for chloride and sulfate.

Were MS/MSD recoveries within evaluation criteria?

No

MS/MSD ID	Parameter	Analyte	MS/MSD Recovery	RPD	MS/MSD/RPD Criteria
PSMW05-1207	General chemistry	Chloride	**76/80**	1	85-115/30

Analytical data that required qualification based on MS/MSD data are included in the table below.

Field ID	Parameter	Analyte	Qualification
PSMW05-1207	General chemistry	Chloride	**J**

8.0 Internal Standard (IS) Recoveries

Were internal standard area recoveries within evaluation criteria?

No

Field ID	Parameter	Analyte	IS Area Recovery	IS Criteria
PSMW12-1207	Pesticides	Bromonitrobenzene	**230279**	247740-743220
PSMW05-1207	PCBs	Phenanthrene-d_{10}	**137410**	60737-112797
PSMW04-1207	PCBs	Phenanthrene-d_{10}	**132760**	60737-112797
PSMW03-1207	PCBs	Phenanthrene-d_{10}	**124684**	60737-112797
PSMW03-1207-AD	PCBs	Phenanthrene-d_{10}	**134739**	60737-112797

Analytical data that required qualification based on IS data are included in the table below. Internal standard areas for phenanthrene-d_{10} recovered within the initial calibration average internal standard area for all PCB samples listed above; therefore, no qualification of data was required.

Field ID	Parameter	Analyte	Qualification

PSMW12-1207	Pesticides	All Pesticides	**J/UJ**

9.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

Yes, sample PSMW12-1207 was duplicated and analyzed for nitrate.

Were laboratory duplicate sample RPDs within criteria?

Yes

Field ID	Parameter	Analyte	RPD	Criteria
N/A				

Data qualified due to outlying laboratory duplicate recoveries are identified below:

Field ID	Parameter	Analyte	Qualification
N/A			

10.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

Yes

Field ID	Field Duplicate ID
PSMW03-1207	PSMW03-1207-AD

Were field duplicates within evaluation criteria?

No

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
PSMW03-1207	PSMW03-1207-AD	PCBs	Trichlorobiphenyl	**> 2X RL**	**J**
PSMW03-1207	PSMW03-1207-AD	PCBs	Pentachlorobiphenyl	**> 2X RL**	**J**
PSMW03-1207	PSMW03-1207-AD	PCBs	Hexachlorobiphenyl	**> 2X RL**	**J**
PSMW03-1207DL	PSMW03-1207-ADDL	SVOCs	1,2,4-Trichlorobenzene	**40**	**J**

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11.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

No

The following table identifies the analyses which were reported as nondetect, diluted, and an undiluted run ***was not*** reported:

Field ID	Parameter	Dilution Factor
PSMW03-1207	VOCs	200
PSMW03-1207-AD	VOCs	200
PSMW05-1207	VOCs	1000
PSMW05-1207	VOCs	10000
PSMW04-1207	VOCs	200
PSMW12-1207	VOCs	5
PSMW03-1207	PCBs	10
PSMW03-1207-AD	PCBs	10
PSMW12-1207	PCBs	5
PSMW03-1207-AD	SVOCs	10
PSMW03-1207	Nitrate	5
PSMW05-1207	Sulfate	5

12.0 Additional Qualifications

Were additional qualifications applied?

No

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-33003-1

SDG Number: KPS037

Job Description: WGK Plume Stability 4Q07 DEc 2007

For:
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110

Attention: Mr. Bob Billman



Lidya Gulizia
Project Manager I
lidya.gulizia@testamericainc.com
01/30/2008

cc: Mr. Bruce Yare

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report.

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Job Narrative
680-J33003-1 / SDG No. KPS037

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The equipment blank associated with these samples contained a detect for the following analytes: benzene and chlorobenzene. Sample was reanalyzed for confirmation of target analytes. Both the initial and secondary runs produced similar results. Both sets of data have been reported.

Method(s) 8260B: The continuing calibration verification (CCV) for analytical batch 94855 did not meet SOP criteria for bromomethane. It was low biased in the CCV. The CCV met method criteria for CCC and SPCC compounds. Samples that ran under this CCV did not have any target hits for bromomethane.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 680: The following samples were diluted due to the abundance of target analytes: PSMW03-1207 (680-33003-2), PSMW03-1207-AD (680-33003-4), PSMW12-1207 (680-33003-10). Elevated reporting limits (RLs) are provided.

Method(s) 680: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: PSMW03-1207 (680-33003-2), PSMW03-1207-AD (680-33003-4).

Method(s) 8270C: The following sample was diluted due to the nature of the sample matrix: PSMW03-1207-AD (680-33003-4). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: PSMW03-1207 (680-33003-2) and PSMW03-1207-AD (680-33003-4).

Method(s) 8270C: The matrix spike / matrix spike duplicate (MS/MSD) precision for batch 94494 was outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method(s) 8270C: The following samples contained one acid and/or one base surrogate outside acceptance limits: PSMW03-1207 (680-33003-2), PSMW04-1207 (680-33003-7). The laboratory's SOP allows one acid surrogate and/or one base surrogate to be outside acceptance limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The following sample was diluted due to the abundance of target analytes: PSMW03-1207 (680-33003-2). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC VOA
No analytical or quality issues were noted.

GC Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

General Chemistry
Method(s) 353.2: The following sample(s) was received outside of holding time: PSMW03-1207 (680-33003-2), PSMW05-1207 (680-33003-5), PSMW12-1207 (680-33003-10).

Method(s) 375.4: The following sample(s) was diluted due to the nature of the sample matrix: PSMW05-1207 (680-33003-5). Elevated reporting limits (RLs) are provided. Matrix spike and matrix spike duplicate were not recovered on undiluted sample.

No other analytical or quality issues were noted.

Comments
No additional comments.

METHOD SUMMARY

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds by GC/MS	TAL SAV	SW846 8260B	
Purge-and-Trap	TAL SAV		SW846 5030B
Dissolved Gases in Water	TAL SAV	RSK RSK-175	
Polychlorinated Biphenyls by GCMS	TAL SAV	EPA 680	
Polychlorinated Biphenyls by GCMS Preparation for	TAL SAV		EPA 680
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Continuous Liquid-Liquid Extraction	TAL SAV		SW846 3520C
Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography	TAL SAV	SW846 8081A_8082	
Continuous Liquid-Liquid Extraction	TAL SAV		SW846 3520C
Chlorinated Herbicides by GC	TAL SAV	SW846 8151A	
Chlorinated Herbicides by GC - Aqueous Prep	TAL SAV		SW846 8151A
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SAV	SW846 6010B	
Sample Filtration performed in the Field	TAL SAV		FIELD_FLTRD
Acid Digestion of Waters for Total Recoverable or	TAL SAV		SW846 3005A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL SAV	SW846 7470A	
Mercury in Liquid Waste (Manual Cold Vapor	TAL SAV		SW846 7470A
Alkalinity - Titrimetric, pH 4.5	TAL SAV	MCAWW 310.1	
Chloride (Colorimetric, Automated Ferricyanide)	TAL SAV	MCAWW 325.2	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	TAL SAV	MCAWW 353.2	
Sulfate (Turbidimetric)	TAL SAV	MCAWW 375.4	
Total Organic Carbon, Combustion or Oxidation	TAL SAV	MCAWW 415.1	
Dissolved Organic Carbon, Combustion or Oxidation	TAL SAV	MCAWW 415.1	
Sample Filtration	TAL SAV		FILTRATION

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

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

US EPA ARCHIVE DOCUMENT

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Method	Analyst	Analyst ID
SW846 8260B	Lui, Chung	CL
EPA 680	Johnson, Brad	BJ
SW846 8270C	Johnson, Brad	BJ
RSK RSK-175	Waldorf, Jonathan	JW
SW846 8081A_8082	Kellar, Joshua	JK
SW846 8151A	Kellar, Joshua	JK
SW846 6010B	Bland, Brian	BB
SW846 7470A	Bland, Brian	BB
MCAWW 310.1	Vasquez, Juana	JV
MCAWW 325.2	Ross, Jon	JR
MCAWW 353.2	Ross, Jon	JR
MCAWW 375.4	Ross, Jon	JR
MCAWW 415.1	Blackshear, Kim	KB

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SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-33003-1TB	TB06-1207	Water	12/17/2007 0700	12/20/2007 1430
680-33003-2	PSMW03-1207	Water	12/17/2007 1100	12/20/2007 1430
680-33003-3	PSMW03-1207-F	Water	12/17/2007 1100	12/20/2007 1430
680-33003-4FD	PSMW03-1207-AD	Water	12/17/2007 1100	12/20/2007 1430
680-33003-5	PSMW05-1207	Water	12/17/2007 1305	12/20/2007 1430
680-33003-6	PSMW05-1207-F	Water	12/17/2007 1305	12/20/2007 1430
680-33003-7	PSMW04-1207	Water	12/17/2007 1500	12/20/2007 1430
680-33003-8EB	PSMW04-1207-EB	Water	12/17/2007 1600	12/20/2007 1430
680-33003-9TB	TB07-1207	Water	12/18/2007 0700	12/20/2007 1430
680-33003-10	PSMW12-1207	Water	12/18/2007 0950	12/20/2007 1430
680-33003-11	PSMW12-1207-F	Water	12/18/2007 0950	12/20/2007 1430

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SAMPLE RESULTS

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **TB06-1207**

Lab Sample ID: 680-33003-1TB
Client Matrix: Water

Date Sampled: 12/17/2007 0700
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1221
Date Prepared: 12/28/2007 1221

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5085.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **TB06-1207**

Lab Sample ID: 680-33003-1TB
Client Matrix: Water

Date Sampled: 12/17/2007 0700
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1221
Date Prepared: 12/28/2007 1221

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5085.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	88	75 - 120
Dibromofluoromethane	84	75 - 121
Toluene-d8 (Surr)	97	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 12/28/2007 1641
Date Prepared: 12/28/2007 1641

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5103.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	5000	U	5000
Acetonitrile	8000	U	8000
Acrolein	4000	U	4000
Acrylonitrile	4000	U	4000
Benzene	3000		200
Bromodichloromethane	200	U	200
Bromoform	200	U	200
Bromomethane	200	U	200
Methyl Ethyl Ketone	2000	U	2000
Carbon disulfide	400	U	400
Carbon tetrachloride	200	U	200
Chlorobenzene	12000		200
2-Chloro-1,3-butadiene	200	U	200
Chloroethane	200	U	200
Chloroform	200	U	200
Chloromethane	200	U	200
3-Chloro-1-propene	200	U	200
cis-1,2-Dichloroethene	200	U	200
cis-1,3-Dichloropropene	200	U	200
Dibromochloromethane	200	U	200
1,2-Dibromo-3-Chloropropane	200	U	200
Dibromomethane	200	U	200
1,2-Dichlorobenzene	21000		200
1,3-Dichlorobenzene	1300		200
1,4-Dichlorobenzene	11000		200
Dichlorodifluoromethane	200	U	200
1,1-Dichloroethane	200	U	200
1,2-Dichloroethane	200	U	200
1,1-Dichloroethene	200	U	200
1,2-Dichloropropane	200	U	200
Ethylbenzene	200	U	200
Ethylene Dibromide	200	U	200
Ethyl methacrylate	200	U	200
2-Hexanone	2000	U	2000
Iodomethane	1000	U	1000
Isobutyl alcohol	8000	U	8000
Methacrylonitrile	4000	U	4000
Methylene Chloride	1000	U	1000
Methyl methacrylate	200	U	200
methyl isobutyl ketone	2000	U	2000
Pentachloroethane	1000	U	1000
Propionitrile	4000	U	4000
Styrene	200	U	200
1,1,1,2-Tetrachloroethane	200	U	200

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 12/28/2007 1641
Date Prepared: 12/28/2007 1641

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5103.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	200	U	200
Tetrachloroethene	200	U	200
Toluene	200	U	200
trans-1,4-Dichloro-2-butene	400	U	400
trans-1,2-Dichloroethene	200	U	200
trans-1,3-Dichloropropene	200	U	200
1,1,1-Trichloroethane	200	U	200
1,1,2-Trichloroethane	200	U	200
Trichloroethene	200	U	200
Trichlorofluoromethane	200	U	200
1,2,3-Trichloropropane	200	U	200
Vinyl acetate	400	U	400
Vinyl chloride	200	U	200
Xylenes, Total	400	U	400

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	75 - 120
Dibromofluoromethane	84	75 - 121
Toluene-d8 (Surr)	97	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 12/28/2007 1710
Date Prepared: 12/28/2007 1710

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5105.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	5000	U	5000
Acetonitrile	8000	U	8000
Acrolein	4000	U	4000
Acrylonitrile	4000	U	4000
Benzene	2900		200
Bromodichloromethane	200	U	200
Bromoform	200	U	200
Bromomethane	200	U	200
Methyl Ethyl Ketone	2000	U	2000
Carbon disulfide	400	U	400
Carbon tetrachloride	200	U	200
Chlorobenzene	12000		200
2-Chloro-1,3-butadiene	200	U	200
Chloroethane	200	U	200
Chloroform	200	U	200
Chloromethane	200	U	200
3-Chloro-1-propene	200	U	200
cis-1,2-Dichloroethene	200	U	200
cis-1,3-Dichloropropene	200	U	200
Dibromochloromethane	200	U	200
1,2-Dibromo-3-Chloropropane	200	U	200
Dibromomethane	200	U	200
1,2-Dichlorobenzene	20000		200
1,3-Dichlorobenzene	1300		200
1,4-Dichlorobenzene	11000		200
Dichlorodifluoromethane	200	U	200
1,1-Dichloroethane	200	U	200
1,2-Dichloroethane	200	U	200
1,1-Dichloroethene	200	U	200
1,2-Dichloropropane	200	U	200
Ethylbenzene	200	U	200
Ethylene Dibromide	200	U	200
Ethyl methacrylate	200	U	200
2-Hexanone	2000	U	2000
Iodomethane	1000	U	1000
Isobutyl alcohol	8000	U	8000
Methacrylonitrile	4000	U	4000
Methylene Chloride	1000	U	1000
Methyl methacrylate	200	U	200
methyl isobutyl ketone	2000	U	2000
Pentachloroethane	1000	U	1000
Propionitrile	4000	U	4000
Styrene	200	U	200
1,1,1,2-Tetrachloroethane	200	U	200

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 12/28/2007 1710
Date Prepared: 12/28/2007 1710

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5105.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	200	U	200
Tetrachloroethene	200	U	200
Toluene	200	U	200
trans-1,4-Dichloro-2-butene	400	U	400
trans-1,2-Dichloroethene	200	U	200
trans-1,3-Dichloropropene	200	U	200
1,1,1-Trichloroethane	200	U	200
1,1,2-Trichloroethane	200	U	200
Trichloroethene	200	U	200
Trichlorofluoromethane	200	U	200
1,2,3-Trichloropropane	200	U	200
Vinyl acetate	400	U	400
Vinyl chloride	200	U	200
Xylenes, Total	400	U	400

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	91	75 - 120
Dibromofluoromethane	83	75 - 121
Toluene-d8 (Surr)	99	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1000
Date Analyzed: 12/28/2007 1807
Date Prepared: 12/28/2007 1807

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5109.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25000	U	25000
Acetonitrile	40000	U	40000
Acrolein	20000	U	20000
Acrylonitrile	20000	U	20000
Benzene	990000	E	1000
Bromodichloromethane	1000	U	1000
Bromoform	1000	U	1000
Bromomethane	1000	U	1000
Methyl Ethyl Ketone	10000	U	10000
Carbon disulfide	2000	U	2000
Carbon tetrachloride	1000	U	1000
Chlorobenzene	1000	U	1000
2-Chloro-1,3-butadiene	1000	U	1000
Chloroethane	1000	U	1000
Chloroform	1000	U	1000
Chloromethane	1000	U	1000
3-Chloro-1-propene	1000	U	1000
cis-1,2-Dichloroethene	1000	U	1000
cis-1,3-Dichloropropene	1000	U	1000
Dibromochloromethane	1000	U	1000
1,2-Dibromo-3-Chloropropane	1000	U	1000
Dibromomethane	1000	U	1000
1,2-Dichlorobenzene	1000	U	1000
1,3-Dichlorobenzene	1000	U	1000
1,4-Dichlorobenzene	1000	U	1000
Dichlorodifluoromethane	1000	U	1000
1,1-Dichloroethane	1000	U	1000
1,2-Dichloroethane	1000	U	1000
1,1-Dichloroethene	1000	U	1000
1,2-Dichloropropane	1000	U	1000
Ethylbenzene	1000	U	1000
Ethylene Dibromide	1000	U	1000
Ethyl methacrylate	1000	U	1000
2-Hexanone	10000	U	10000
Iodomethane	5000	U	5000
Isobutyl alcohol	40000	U	40000
Methacrylonitrile	20000	U	20000
Methylene Chloride	5000	U	5000
Methyl methacrylate	1000	U	1000
methyl isobutyl ketone	10000	U	10000
Pentachloroethane	5000	U	5000
Propionitrile	20000	U	20000
Styrene	1000	U	1000
1,1,1,2-Tetrachloroethane	1000	U	1000

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1000
Date Analyzed: 12/28/2007 1807
Date Prepared: 12/28/2007 1807

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5109.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1000	U	1000
Tetrachloroethene	1000	U	1000
Toluene	1000	U	1000
trans-1,4-Dichloro-2-butene	2000	U	2000
trans-1,2-Dichloroethene	1000	U	1000
trans-1,3-Dichloropropene	1000	U	1000
1,1,1-Trichloroethane	1000	U	1000
1,1,2-Trichloroethane	1000	U	1000
Trichloroethene	1000	U	1000
Trichlorofluoromethane	1000	U	1000
1,2,3-Trichloropropane	1000	U	1000
Vinyl acetate	2000	U	2000
Vinyl chloride	1000	U	1000
Xylenes, Total	2000	U	2000

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	85	75 - 121
Toluene-d8 (Surr)	95	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10000
Date Analyzed: 12/29/2007 1306
Date Prepared: 12/29/2007 1306

Analysis Batch: 680-94855
Run Type: DL

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5125.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	250000	U	250000
Acetonitrile	400000	U	400000
Acrolein	200000	U	200000
Acrylonitrile	200000	U	200000
Benzene	890000	D	10000
Bromodichloromethane	10000	U	10000
Bromoform	10000	U	10000
Bromomethane	10000	U	10000
Methyl Ethyl Ketone	100000	U	100000
Carbon disulfide	20000	U	20000
Carbon tetrachloride	10000	U	10000
Chlorobenzene	10000	U	10000
2-Chloro-1,3-butadiene	10000	U	10000
Chloroethane	10000	U	10000
Chloroform	10000	U	10000
Chloromethane	10000	U	10000
3-Chloro-1-propene	10000	U	10000
cis-1,2-Dichloroethene	10000	U	10000
cis-1,3-Dichloropropene	10000	U	10000
Dibromochloromethane	10000	U	10000
1,2-Dibromo-3-Chloropropane	10000	U	10000
Dibromomethane	10000	U	10000
1,2-Dichlorobenzene	10000	U	10000
1,3-Dichlorobenzene	10000	U	10000
1,4-Dichlorobenzene	10000	U	10000
Dichlorodifluoromethane	10000	U	10000
1,1-Dichloroethane	10000	U	10000
1,2-Dichloroethane	10000	U	10000
1,1-Dichloroethene	10000	U	10000
1,2-Dichloropropane	10000	U	10000
Ethylbenzene	10000	U	10000
Ethylene Dibromide	10000	U	10000
Ethyl methacrylate	10000	U	10000
2-Hexanone	100000	U	100000
Iodomethane	50000	U	50000
Isobutyl alcohol	400000	U	400000
Methacrylonitrile	200000	U	200000
Methylene Chloride	50000	U	50000
Methyl methacrylate	10000	U	10000
methyl isobutyl ketone	100000	U	100000
Pentachloroethane	50000	U	50000
Propionitrile	200000	U	200000
Styrene	10000	U	10000
1,1,1,2-Tetrachloroethane	10000	U	10000

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 10000
Date Analyzed: 12/29/2007 1306
Date Prepared: 12/29/2007 1306

Analysis Batch: 680-94855
Run Type: DL

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5125.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	10000	U	10000
Tetrachloroethene	10000	U	10000
Toluene	10000	U	10000
trans-1,4-Dichloro-2-butene	20000	U	20000
trans-1,2-Dichloroethene	10000	U	10000
trans-1,3-Dichloropropene	10000	U	10000
1,1,1-Trichloroethane	10000	U	10000
1,1,2-Trichloroethane	10000	U	10000
Trichloroethene	10000	U	10000
Trichlorofluoromethane	10000	U	10000
1,2,3-Trichloropropane	10000	U	10000
Vinyl acetate	20000	U	20000
Vinyl chloride	10000	U	10000
Xylenes, Total	20000	U	20000

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	91	75 - 121
Toluene-d8 (Surr)	99	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 12/28/2007 1738
Date Prepared: 12/28/2007 1738

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5107.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	5000	U	5000
Acetonitrile	8000	U	8000
Acrolein	4000	U	4000
Acrylonitrile	4000	U	4000
Benzene	14000		200
Bromodichloromethane	200	U	200
Bromoform	200	U	200
Bromomethane	200	U	200
Methyl Ethyl Ketone	2000	U	2000
Carbon disulfide	400	U	400
Carbon tetrachloride	200	U	200
Chlorobenzene	27000		200
2-Chloro-1,3-butadiene	200	U	200
Chloroethane	200	U	200
Chloroform	200	U	200
Chloromethane	200	U	200
3-Chloro-1-propene	200	U	200
cis-1,2-Dichloroethene	200	U	200
cis-1,3-Dichloropropene	200	U	200
Dibromochloromethane	200	U	200
1,2-Dibromo-3-Chloropropane	200	U	200
Dibromomethane	200	U	200
1,2-Dichlorobenzene	910		200
1,3-Dichlorobenzene	320		200
1,4-Dichlorobenzene	7700		200
Dichlorodifluoromethane	200	U	200
1,1-Dichloroethane	200	U	200
1,2-Dichloroethane	200	U	200
1,1-Dichloroethene	200	U	200
1,2-Dichloropropane	200	U	200
Ethylbenzene	200	U	200
Ethylene Dibromide	200	U	200
Ethyl methacrylate	200	U	200
2-Hexanone	2000	U	2000
Iodomethane	1000	U	1000
Isobutyl alcohol	8000	U	8000
Methacrylonitrile	4000	U	4000
Methylene Chloride	1000	U	1000
Methyl methacrylate	200	U	200
methyl isobutyl ketone	2000	U	2000
Pentachloroethane	1000	U	1000
Propionitrile	4000	U	4000
Styrene	200	U	200
1,1,1,2-Tetrachloroethane	200	U	200

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 200
Date Analyzed: 12/28/2007 1738
Date Prepared: 12/28/2007 1738

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5107.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	200	U	200
Tetrachloroethene	200	U	200
Toluene	200	U	200
trans-1,4-Dichloro-2-butene	400	U	400
trans-1,2-Dichloroethene	200	U	200
trans-1,3-Dichloropropene	200	U	200
1,1,1-Trichloroethane	200	U	200
1,1,2-Trichloroethane	200	U	200
Trichloroethene	200	U	200
Trichlorofluoromethane	200	U	200
1,2,3-Trichloropropane	200	U	200
Vinyl acetate	400	U	400
Vinyl chloride	200	U	200
Xylenes, Total	400	U	400

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	75 - 120
Dibromofluoromethane	84	75 - 121
Toluene-d8 (Surr)	98	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1249
Date Prepared: 12/28/2007 1249

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5087.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	24		1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	6.9		1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	7.6		1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	9.2		1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/28/2007 1249
Date Prepared: 12/28/2007 1249

Analysis Batch: 680-94833

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5087.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	87	75 - 121
Toluene-d8 (Surr)	96	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/29/2007 1334
Date Prepared: 12/29/2007 1334

Analysis Batch: 680-94855
Run Type: RA

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5127.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	22		1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	6.8		1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	8.2		1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	8.9		1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/29/2007 1334
Date Prepared: 12/29/2007 1334

Analysis Batch: 680-94855
Run Type: RA

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5127.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	91	75 - 121
Toluene-d8 (Surr)	98	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **TB07-1207**

Lab Sample ID: 680-33003-9TB
Client Matrix: Water

Date Sampled: 12/18/2007 0700
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/29/2007 1237
Date Prepared: 12/29/2007 1237

Analysis Batch: 680-94855

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5123.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **TB07-1207**

Lab Sample ID: 680-33003-9TB
Client Matrix: Water

Date Sampled: 12/18/2007 0700
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/29/2007 1237
Date Prepared: 12/29/2007 1237

Analysis Batch: 680-94855

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5123.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	75 - 120
Dibromofluoromethane	91	75 - 121
Toluene-d8 (Surr)	97	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 12/31/2007 1333
Date Prepared: 12/31/2007 1333

Analysis Batch: 680-94956

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5169.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	130	U	130
Acetonitrile	200	U	200
Acrolein	100	U	100
Acrylonitrile	100	U	100
Benzene	150		5.0
Bromodichloromethane	5.0	U	5.0
Bromoform	5.0	U	5.0
Bromomethane	5.0	U	5.0
Methyl Ethyl Ketone	50	U	50
Carbon disulfide	10	U	10
Carbon tetrachloride	5.0	U	5.0
Chlorobenzene	870		5.0
2-Chloro-1,3-butadiene	5.0	U	5.0
Chloroethane	5.0	U	5.0
Chloroform	5.0	U	5.0
Chloromethane	5.0	U	5.0
3-Chloro-1-propene	5.0	U	5.0
cis-1,2-Dichloroethene	8.2		5.0
cis-1,3-Dichloropropene	5.0	U	5.0
Dibromochloromethane	5.0	U	5.0
1,2-Dibromo-3-Chloropropane	5.0	U	5.0
Dibromomethane	5.0	U	5.0
1,2-Dichlorobenzene	28		5.0
1,3-Dichlorobenzene	13		5.0
1,4-Dichlorobenzene	300		5.0
Dichlorodifluoromethane	5.0	U	5.0
1,1-Dichloroethane	5.0	U	5.0
1,2-Dichloroethane	5.0	U	5.0
1,1-Dichloroethene	5.0	U	5.0
1,2-Dichloropropane	5.0	U	5.0
Ethylbenzene	5.0	U	5.0
Ethylene Dibromide	5.0	U	5.0
Ethyl methacrylate	5.0	U	5.0
2-Hexanone	50	U	50
Iodomethane	25	U	25
Isobutyl alcohol	200	U	200
Methacrylonitrile	100	U	100
Methylene Chloride	25	U	25
Methyl methacrylate	5.0	U	5.0
methyl isobutyl ketone	50	U	50
Pentachloroethane	25	U	25
Propionitrile	100	U	100
Styrene	5.0	U	5.0
1,1,1,2-Tetrachloroethane	5.0	U	5.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 12/31/2007 1333
Date Prepared: 12/31/2007 1333

Analysis Batch: 680-94956

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5169.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	5.0	U	5.0
Tetrachloroethene	5.0	U	5.0
Toluene	5.0	U	5.0
trans-1,4-Dichloro-2-butene	10	U	10
trans-1,2-Dichloroethene	5.0	U	5.0
trans-1,3-Dichloropropene	5.0	U	5.0
1,1,1-Trichloroethane	5.0	U	5.0
1,1,2-Trichloroethane	5.0	U	5.0
Trichloroethene	5.0	U	5.0
Trichlorofluoromethane	5.0	U	5.0
1,2,3-Trichloropropane	5.0	U	5.0
Vinyl acetate	10	U	10
Vinyl chloride	46		5.0
Xylenes, Total	10	U	10

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	89	75 - 121
Toluene-d8 (Surr)	97	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 10
Date Analyzed: 01/15/2008 2318
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95992
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	2.0		0.94
Dichlorobiphenyl	3.1		0.94
Trichlorobiphenyl	7.2		0.94
Tetrachlorobiphenyl	11		1.9
Pentachlorobiphenyl	12		1.9
Hexachlorobiphenyl	13		1.9
Heptachlorobiphenyl	7.2		2.8
Octachlorobiphenyl	2.8	U	2.8
Nonachlorobiphenyl	4.7	U	4.7
DCB Decachlorobiphenyl	4.7	U	4.7

Surrogate	%Rec		Acceptance Limits
Decachlorobiphenyl-13C12	0	D	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 10
Date Analyzed: 01/16/2008 0003
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95992
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	2.0		0.97
Dichlorobiphenyl	2.8		0.97
Trichlorobiphenyl	4.4		0.97
Tetrachlorobiphenyl	7.5		1.9
Pentachlorobiphenyl	8.1		1.9
Hexachlorobiphenyl	2.6		1.9
Heptachlorobiphenyl	4.2		2.9
Octachlorobiphenyl	2.9	U	2.9
Nonachlorobiphenyl	4.9	U	4.9
DCB Decachlorobiphenyl	4.9	U	4.9

Surrogate	%Rec		Acceptance Limits
Decachlorobiphenyl-13C12	0	D	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/15/2008 2100
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95992
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.094	U	0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	56	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/15/2008 2146
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95992
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.69		0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	56	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/15/2008 2232
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-95992
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.094	U	0.094
Dichlorobiphenyl	0.094	U	0.094
Trichlorobiphenyl	0.094	U	0.094
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.28	U	0.28
Octachlorobiphenyl	0.28	U	0.28
Nonachlorobiphenyl	0.47	U	0.47
DCB Decachlorobiphenyl	0.47	U	0.47

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	72	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 5.0
Date Analyzed: 01/16/2008 1237
Date Prepared: 12/21/2007 1700

Analysis Batch: 680-96003
Prep Batch: 680-94373

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	18		0.49
Dichlorobiphenyl	7.4		0.49
Trichlorobiphenyl	5.2		0.49
Tetrachlorobiphenyl	11		0.97
Pentachlorobiphenyl	6.6		0.97
Hexachlorobiphenyl	11		0.97
Heptachlorobiphenyl	8.3		1.5
Octachlorobiphenyl	1.5	U	1.5
Nonachlorobiphenyl	2.4	U	2.4
DCB Decachlorobiphenyl	2.4	U	2.4

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	53	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1804
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5105.d
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.5	U	9.5
Acenaphthylene	9.5	U	9.5
Acetophenone	9.5	U	9.5
2-Acetylaminofluorene	9.5	U	9.5
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.5	U	9.5
Aniline	19	U	19
Anthracene	9.5	U	9.5
Aramite, Total	9.5	U	9.5
Benzo[a]anthracene	9.5	U	9.5
Benzo[a]pyrene	9.5	U	9.5
Benzo[b]fluoranthene	9.5	U	9.5
Benzo[g,h,i]perylene	9.5	U	9.5
Benzo[k]fluoranthene	9.5	U	9.5
Benzyl alcohol	9.5	U	9.5
1,1'-Biphenyl	66		9.5
Bis(2-chloroethoxy)methane	9.5	U	9.5
Bis(2-chloroethyl)ether	9.5	U	9.5
bis(chloroisopropyl) ether	9.5	U	9.5
Bis(2-ethylhexyl) phthalate	9.5	U	9.5
4-Bromophenyl phenyl ether	9.5	U	9.5
Butyl benzyl phthalate	9.5	U	9.5
4-Chloroaniline	350	E	19
4-Chloro-3-methylphenol	9.5	U	9.5
2-Chloronaphthalene	9.5	U	9.5
2-Chlorophenol	25		9.5
4-Chlorophenyl phenyl ether	9.5	U	9.5
Chrysene	9.5	U	9.5
Diallate	9.5	U	9.5
Dibenz(a,h)anthracene	9.5	U	9.5
Dibenzofuran	9.5	U	9.5
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	53		9.5
2,6-Dichlorophenol	9.5	U	9.5
Diethyl phthalate	9.5	U	9.5
Dimethoate	9.5	U	9.5
7,12-Dimethylbenz(a)anthracene	9.5	U	9.5
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	13		9.5
Dimethyl phthalate	9.5	U	9.5
Di-n-butyl phthalate	9.5	U	9.5
1,3-Dinitrobenzene	9.5	U	9.5
4,6-Dinitro-2-methylphenol	48	U	48
2,4-Dinitrophenol	48	U	48

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1804
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5105.d
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.5	U	9.5
2,6-Dinitrotoluene	9.5	U	9.5
Di-n-octyl phthalate	9.5	U	9.5
1,4-Dioxane	9.5	U	9.5
Disulfoton	9.5	U	9.5
Ethyl methanesulfonate	9.5	U	9.5
Famphur	9.5	U	9.5
Fluoranthene	9.5	U	9.5
Fluorene	9.5	U	9.5
Hexachlorobenzene	9.5	U	9.5
Hexachlorobutadiene	9.5	U	9.5
Hexachlorocyclopentadiene	9.5	U	9.5
Hexachloroethane	9.5	U	9.5
Hexachlorophene	4800	U	4800
Hexachloropropene	9.5	U	9.5
Indeno[1,2,3-cd]pyrene	9.5	U	9.5
Isophorone	9.5	U	9.5
Isosafrole	9.5	U	9.5
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.5	U	9.5
Methyl methanesulfonate	9.5	U	9.5
2-Methylnaphthalene	9.5	U	9.5
Methyl parathion	9.5	U	9.5
2-Methylphenol	9.5	U	9.5
3 & 4 Methylphenol	9.5	U	9.5
Naphthalene	21		9.5
1,4-Naphthoquinone	9.5	U	9.5
1-Naphthylamine	9.5	U	9.5
2-Naphthylamine	9.5	U	9.5
2-Nitroaniline	48	U	48
3-Nitroaniline	48	U	48
4-Nitroaniline	48	U	48
Nitrobenzene	10		9.5
2-Nitrophenol	9.5	U	9.5
4-Nitrophenol	48	U	48
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.5	U	9.5
N-Nitrosodiethylamine	9.5	U	9.5
N-Nitrosodimethylamine	9.5	U	9.5
N-Nitrosodi-n-butylamine	9.5	U	9.5
N-Nitrosodi-n-propylamine	9.5	U	9.5
N-Nitrosodiphenylamine	9.5	U	9.5
N-Nitrosomethylethylamine	9.5	U	9.5
N-Nitrosomorpholine	9.5	U	9.5

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1804
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5105.d
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.5	U	9.5
N-Nitrosopyrrolidine	9.5	U	9.5
o,o',o''-Triethylphosphorothioate	9.5	U	9.5
Ethyl Parathion	9.5	U	9.5
p-Dimethylamino azobenzene	9.5	U	9.5
Pentachlorobenzene	9.5	U	9.5
Pentachloronitrobenzene	9.5	U	9.5
Pentachlorophenol	48	U	48
Phenacetin	9.5	U	9.5
Phenanthrene	9.5	U	9.5
Phenol	14		9.5
Phorate	9.5	U	9.5
2-Picoline	9.5	U	9.5
p-Phenylene diamine	1900	U	1900
Pronamide	9.5	U	9.5
Pyrene	9.5	U	9.5
Pyridine	48	U	48
Safrole, Total	9.5	U	9.5
Sulfotepp	9.5	U	9.5
1,2,4,5-Tetrachlorobenzene	9.5	U	9.5
2,3,4,6-Tetrachlorophenol	9.5	U	9.5
Thionazin	9.5	U	9.5
2-Toluidine	9.5	U	9.5
1,2,4-Trichlorobenzene	960	E	9.5
2,4,5-Trichlorophenol	9.5	U	9.5
2,4,6-Trichlorophenol	9.5	U	9.5
1,3,5-Trinitrobenzene	9.5	U	9.5

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	85		50 - 113
2-Fluorophenol	101		36 - 110
Nitrobenzene-d5	93		45 - 112
Phenol-d5	120	X	38 - 116
Terphenyl-d14	47		10 - 121
2,4,6-Tribromophenol	102		40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 10
Date Analyzed: 01/08/2008 1742
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494
Run Type: DL

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5104.d
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	95	U	95
Acenaphthylene	95	U	95
Acetophenone	95	U	95
2-Acetylaminofluorene	95	U	95
alpha,alpha-Dimethyl phenethylamine	19000	U	19000
4-Aminobiphenyl	95	U	95
Aniline	190	U	190
Anthracene	95	U	95
Aramite, Total	95	U	95
Benzo[a]anthracene	95	U	95
Benzo[a]pyrene	95	U	95
Benzo[b]fluoranthene	95	U	95
Benzo[g,h,i]perylene	95	U	95
Benzo[k]fluoranthene	95	U	95
Benzyl alcohol	95	U	95
1,1'-Biphenyl	95	U	95
Bis(2-chloroethoxy)methane	95	U	95
Bis(2-chloroethyl)ether	95	U	95
bis(chloroisopropyl) ether	95	U	95
Bis(2-ethylhexyl) phthalate	95	U	95
4-Bromophenyl phenyl ether	95	U	95
Butyl benzyl phthalate	95	U	95
4-Chloroaniline	410	D	190
4-Chloro-3-methylphenol	95	U	95
2-Chloronaphthalene	95	U	95
2-Chlorophenol	95	U	95
4-Chlorophenyl phenyl ether	95	U	95
Chrysene	95	U	95
Diallate	95	U	95
Dibenz(a,h)anthracene	95	U	95
Dibenzofuran	95	U	95
3,3'-Dichlorobenzidine	190	U	190
2,4-Dichlorophenol	95	U	95
2,6-Dichlorophenol	95	U	95
Diethyl phthalate	95	U	95
Dimethoate	95	U	95
7,12-Dimethylbenz(a)anthracene	95	U	95
3,3'-Dimethylbenzidine	190	U	190
2,4-Dimethylphenol	95	U	95
Dimethyl phthalate	95	U	95
Di-n-butyl phthalate	95	U	95
1,3-Dinitrobenzene	95	U	95
4,6-Dinitro-2-methylphenol	480	U	480
2,4-Dinitrophenol	480	U	480

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 10
Date Analyzed: 01/08/2008 1742
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494
Run Type: DL

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5104.d
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	95	U	95
2,6-Dinitrotoluene	95	U	95
Di-n-octyl phthalate	95	U	95
1,4-Dioxane	95	U	95
Disulfoton	95	U	95
Ethyl methanesulfonate	95	U	95
Famphur	95	U	95
Fluoranthene	95	U	95
Fluorene	95	U	95
Hexachlorobenzene	95	U	95
Hexachlorobutadiene	95	U	95
Hexachlorocyclopentadiene	95	U	95
Hexachloroethane	95	U	95
Hexachlorophene	48000	U	48000
Hexachloropropene	95	U	95
Indeno[1,2,3-cd]pyrene	95	U	95
Isophorone	95	U	95
Isosafrole	95	U	95
Methapyrilene	19000	U	19000
3-Methylcholanthrene	95	U	95
Methyl methanesulfonate	95	U	95
2-Methylnaphthalene	95	U	95
Methyl parathion	95	U	95
2-Methylphenol	95	U	95
3 & 4 Methylphenol	95	U	95
Naphthalene	95	U	95
1,4-Naphthoquinone	95	U	95
1-Naphthylamine	95	U	95
2-Naphthylamine	95	U	95
2-Nitroaniline	480	U	480
3-Nitroaniline	480	U	480
4-Nitroaniline	480	U	480
Nitrobenzene	95	U	95
2-Nitrophenol	95	U	95
4-Nitrophenol	480	U	480
4-Nitroquinoline-1-oxide	190	U	190
N-Nitro-o-toluidine	95	U	95
N-Nitrosodiethylamine	95	U	95
N-Nitrosodimethylamine	95	U	95
N-Nitrosodi-n-butylamine	95	U	95
N-Nitrosodi-n-propylamine	95	U	95
N-Nitrosodiphenylamine	95	U	95
N-Nitrosomethylethylamine	95	U	95
N-Nitrosomorpholine	95	U	95

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95649		Instrument ID:	GC/MS SemiVolatiles - T
Preparation:	3520C	Prep Batch: 680-94494		Lab File ID:	t5104.d
Dilution:	10			Initial Weight/Volume:	1050 mL
Date Analyzed:	01/08/2008 1742	Run Type:	DL	Final Weight/Volume:	1 mL
Date Prepared:	12/24/2007 1633			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	95	U	95
N-Nitrosopyrrolidine	95	U	95
o,o',o''-Triethylphosphorothioate	95	U	95
Ethyl Parathion	95	U	95
p-Dimethylamino azobenzene	95	U	95
Pentachlorobenzene	95	U	95
Pentachloronitrobenzene	95	U	95
Pentachlorophenol	480	U	480
Phenacetin	95	U	95
Phenanthrene	95	U	95
Phenol	95	U	95
Phorate	95	U	95
2-Picoline	95	U	95
p-Phenylene diamine	19000	U	19000
Pronamide	95	U	95
Pyrene	95	U	95
Pyridine	480	U	480
Safrole, Total	95	U	95
Sulfotepp	95	U	95
1,2,4,5-Tetrachlorobenzene	95	U	95
2,3,4,6-Tetrachlorophenol	95	U	95
Thionazin	95	U	95
2-Toluidine	95	U	95
1,2,4-Trichlorobenzene	1500	D	95
2,4,5-Trichlorophenol	95	U	95
2,4,6-Trichlorophenol	95	U	95
1,3,5-Trinitrobenzene	95	U	95

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	50 - 113
2-Fluorophenol	0	D	36 - 110
Nitrobenzene-d5	0	D	45 - 112
Phenol-d5	0	D	38 - 116
Terphenyl-d14	0	D	10 - 121
2,4,6-Tribromophenol	0	D	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 10
Date Analyzed: 01/11/2008 1407
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95671
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e7725.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	94	U	94
Acenaphthylene	94	U	94
Acetophenone	94	U	94
2-Acetylaminofluorene	94	U	94
alpha,alpha-Dimethyl phenethylamine	19000	U	19000
4-Aminobiphenyl	94	U	94
Aniline	190	U	190
Anthracene	94	U	94
Aramite, Total	94	U	94
Benzo[a]anthracene	94	U	94
Benzo[a]pyrene	94	U	94
Benzo[b]fluoranthene	94	U	94
Benzo[g,h,i]perylene	94	U	94
Benzo[k]fluoranthene	94	U	94
Benzyl alcohol	94	U	94
1,1'-Biphenyl	94	U	94
Bis(2-chloroethoxy)methane	94	U	94
Bis(2-chloroethyl)ether	94	U	94
bis(chloroisopropyl) ether	94	U	94
Bis(2-ethylhexyl) phthalate	94	U	94
4-Bromophenyl phenyl ether	94	U	94
Butyl benzyl phthalate	94	U	94
4-Chloroaniline	300		190
4-Chloro-3-methylphenol	94	U	94
2-Chloronaphthalene	94	U	94
2-Chlorophenol	94	U	94
4-Chlorophenyl phenyl ether	94	U	94
Chrysene	94	U	94
Diallate	94	U	94
Dibenz(a,h)anthracene	94	U	94
Dibenzofuran	94	U	94
3,3'-Dichlorobenzidine	190	U	190
2,4-Dichlorophenol	94	U	94
2,6-Dichlorophenol	94	U	94
Diethyl phthalate	94	U	94
Dimethoate	94	U	94
7,12-Dimethylbenz(a)anthracene	94	U	94
3,3'-Dimethylbenzidine	190	U	190
2,4-Dimethylphenol	94	U	94
Dimethyl phthalate	94	U	94
Di-n-butyl phthalate	94	U	94
1,3-Dinitrobenzene	94	U	94
4,6-Dinitro-2-methylphenol	470	U	470
2,4-Dinitrophenol	470	U	470

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 10
Date Analyzed: 01/11/2008 1407
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95671
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e7725.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	94	U	94
2,6-Dinitrotoluene	94	U	94
Di-n-octyl phthalate	94	U	94
1,4-Dioxane	94	U	94
Disulfoton	94	U	94
Ethyl methanesulfonate	94	U	94
Famphur	94	U	94
Fluoranthene	94	U	94
Fluorene	94	U	94
Hexachlorobenzene	94	U	94
Hexachlorobutadiene	94	U	94
Hexachlorocyclopentadiene	94	U	94
Hexachloroethane	94	U	94
Hexachlorophene	47000	U	47000
Hexachloropropene	94	U	94
Indeno[1,2,3-cd]pyrene	94	U	94
Isophorone	94	U	94
Isosafrole	94	U	94
Methapyrilene	19000	U	19000
3-Methylcholanthrene	94	U	94
Methyl methanesulfonate	94	U	94
2-Methylnaphthalene	94	U	94
Methyl parathion	94	U	94
2-Methylphenol	94	U	94
3 & 4 Methylphenol	94	U	94
Naphthalene	94	U	94
1,4-Naphthoquinone	94	U	94
1-Naphthylamine	94	U	94
2-Naphthylamine	94	U	94
2-Nitroaniline	470	U	470
3-Nitroaniline	470	U	470
4-Nitroaniline	470	U	470
Nitrobenzene	94	U	94
2-Nitrophenol	94	U	94
4-Nitrophenol	470	U	470
4-Nitroquinoline-1-oxide	190	U	190
N-Nitro-o-toluidine	94	U	94
N-Nitrosodiethylamine	94	U	94
N-Nitrosodimethylamine	94	U	94
N-Nitrosodi-n-butylamine	94	U	94
N-Nitrosodi-n-propylamine	94	U	94
N-Nitrosodiphenylamine	94	U	94
N-Nitrosomethylethylamine	94	U	94
N-Nitrosomorpholine	94	U	94

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-95671	Instrument ID: GC/MS SemiVolatiles - E
Preparation:	3520C	Prep Batch: 680-94494	Lab File ID: e7725.d
Dilution:	10		Initial Weight/Volume: 1060 mL
Date Analyzed:	01/11/2008 1407		Final Weight/Volume: 1 mL
Date Prepared:	12/24/2007 1633		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	94	U	94
N-Nitrosopyrrolidine	94	U	94
o,o',o''-Triethylphosphorothioate	94	U	94
Ethyl Parathion	94	U	94
p-Dimethylamino azobenzene	94	U	94
Pentachlorobenzene	94	U	94
Pentachloronitrobenzene	94	U	94
Pentachlorophenol	470	U	470
Phenacetin	94	U	94
Phenanthrene	94	U	94
Phenol	94	U	94
Phorate	94	U	94
2-Picoline	94	U	94
p-Phenylene diamine	19000	U	19000
Pronamide	94	U	94
Pyrene	94	U	94
Pyridine	470	U	470
Safrole, Total	94	U	94
Sulfotepp	94	U	94
1,2,4,5-Tetrachlorobenzene	94	U	94
2,3,4,6-Tetrachlorophenol	94	U	94
Thionazin	94	U	94
2-Toluidine	94	U	94
1,2,4-Trichlorobenzene	1000		94
2,4,5-Trichlorophenol	94	U	94
2,4,6-Trichlorophenol	94	U	94
1,3,5-Trinitrobenzene	94	U	94

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	50 - 113
2-Fluorophenol	0	D	36 - 110
Nitrobenzene-d5	0	D	45 - 112
Phenol-d5	0	D	38 - 116
Terphenyl-d14	0	D	10 - 121
2,4,6-Tribromophenol	0	D	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/07/2008 2307
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95311
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5088.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	9.4	U	9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/07/2008 2307
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95311
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5088.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	20		9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

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Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/07/2008 2307
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95311
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5088.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	56		9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	79	50 - 113
2-Fluorophenol	67	36 - 110
Nitrobenzene-d5	85	45 - 112
Phenol-d5	69	38 - 116
Terphenyl-d14	69	10 - 121
2,4,6-Tribromophenol	103	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1659
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5102.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	86		19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	39		9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1659
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5102.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1659
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5102.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	63		9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	79		50 - 113
2-Fluorophenol	105		36 - 110
Nitrobenzene-d5	87		45 - 112
Phenol-d5	120	X	38 - 116
Terphenyl-d14	66		10 - 121
2,4,6-Tribromophenol	93		40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/07/2008 2350
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95311
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5090.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	9.4	U	9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/07/2008 2350
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95311
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5090.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/07/2008 2350
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95311
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5090.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	9.4	U	9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	95	50 - 113
2-Fluorophenol	83	36 - 110
Nitrobenzene-d5	100	45 - 112
Phenol-d5	87	38 - 116
Terphenyl-d14	108	10 - 121
2,4,6-Tribromophenol	110	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1720
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5103.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	19	U	19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	13		9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1720
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5103.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	16		9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/08/2008 1720
Date Prepared: 12/24/2007 1633

Analysis Batch: 680-95649
Prep Batch: 680-94494

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5103.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	9.7		9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	88	50 - 113
2-Fluorophenol	66	36 - 110
Nitrobenzene-d5	94	45 - 112
Phenol-d5	73	38 - 116
Terphenyl-d14	59	10 - 121
2,4,6-Tribromophenol	84	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/27/2007 1816
Date Prepared: N/A

Analysis Batch: 680-94731

Instrument ID: GC Volatiles - U FID
Lab File ID: U1145.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	67		0.35
Ethylene	0.33	U	0.33

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/27/2007 1816
Date Prepared: N/A

Analysis Batch: 680-94790

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1145.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	22000		0.19

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/27/2007 1828
Date Prepared: N/A

Analysis Batch: 680-94731

Instrument ID: GC Volatiles - U FID
Lab File ID: U1146.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	0.35	U	0.35
Ethylene	0.33	U	0.33

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/27/2007 1828
Date Prepared: N/A

Analysis Batch: 680-94790

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1146.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	7700		0.19

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 12/27/2007 1840
Date Prepared: N/A

Analysis Batch: 680-94731

Instrument ID: GC Volatiles - U FID
Lab File ID: U1147.D
Initial Weight/Volume: 1000 uL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Ethane	1.8		0.35
Ethylene	3.1		0.33
Methane	330		0.19

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 2206
Date Prepared: 12/23/2007 1310

Analysis Batch: 680-95150
Prep Batch: 680-94455

Instrument ID: GC SemiVolatiles - M
Lab File ID: ma02027.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.050	U	0.050
alpha-BHC	0.050	U	0.050
beta-BHC	0.050	U	0.050
Chlordane (technical)	0.50	U	0.50
4,4'-DDD	0.10	U	0.10
4,4'-DDE	0.10	U	0.10
4,4'-DDT	0.10	U	0.10
delta-BHC	0.050	U	0.050
Dieldrin	0.10	U	0.10
Endosulfan I	0.050	U	0.050
Endosulfan II	0.10	U	0.10
Endosulfan sulfate	0.10	U	0.10
Endrin	0.10	U	0.10
Endrin aldehyde	0.10	U	0.10
Endrin ketone	0.10	U	0.10
gamma-BHC (Lindane)	0.14	P	0.050
Heptachlor	0.050	U	0.050
Heptachlor epoxide	0.050	U	0.050
Isodrin	0.050	U	0.050
Kepone	1.0	U	1.0
Methoxychlor	0.50	U	0.50
Toxaphene	5.0	U	5.0

Surrogate	%Rec		Acceptance Limits
DCB Decachlorobiphenyl	13	X	14 - 115
Tetrachloro-m-xylene	40		35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 2225
Date Prepared: 12/23/2007 1310

Analysis Batch: 680-95150
Prep Batch: 680-94455

Instrument ID: GC SemiVolatiles - M
Lab File ID: ma02028.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.098	U	0.098
4,4'-DDE	0.098	U	0.098
4,4'-DDT	0.098	U	0.098
delta-BHC	0.049	U	0.049
Dieldrin	0.098	U	0.098
Endosulfan I	0.049	U	0.049
Endosulfan II	0.098	U	0.098
Endosulfan sulfate	0.098	U	0.098
Endrin	0.098	U	0.098
Endrin aldehyde	0.098	U	0.098
Endrin ketone	0.098	U	0.098
gamma-BHC (Lindane)	0.16	P	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.98	U	0.98
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	25	14 - 115
Tetrachloro-m-xylene	39	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 2245
Date Prepared: 12/23/2007 1310

Analysis Batch: 680-95150
Prep Batch: 680-94455

Instrument ID: GC SemiVolatiles - M
Lab File ID: ma02029.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.098	U	0.098
4,4'-DDE	0.098	U	0.098
4,4'-DDT	0.098	U	0.098
delta-BHC	0.049	U	0.049
Dieldrin	0.098	U	0.098
Endosulfan I	0.049	U	0.049
Endosulfan II	0.098	U	0.098
Endosulfan sulfate	0.098	U	0.098
Endrin	0.098	U	0.098
Endrin aldehyde	0.098	U	0.098
Endrin ketone	0.098	U	0.098
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.98	U	0.98
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	24	14 - 115
Tetrachloro-m-xylene	83	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 2304
Date Prepared: 12/23/2007 1310

Analysis Batch: 680-95150
Prep Batch: 680-94455

Instrument ID: GC SemiVolatiles - M
Lab File ID: ma02030.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.098	U	0.098
4,4'-DDE	0.098	U	0.098
4,4'-DDT	0.098	U	0.098
delta-BHC	0.049	U	0.049
Dieldrin	0.098	U	0.098
Endosulfan I	0.049	U	0.049
Endosulfan II	0.098	U	0.098
Endosulfan sulfate	0.098	U	0.098
Endrin	0.098	U	0.098
Endrin aldehyde	0.098	U	0.098
Endrin ketone	0.098	U	0.098
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.98	U	0.98
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	39	14 - 115
Tetrachloro-m-xylene	50	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 2323
Date Prepared: 12/23/2007 1310

Analysis Batch: 680-95150
Prep Batch: 680-94455

Instrument ID: GC SemiVolatiles - M
Lab File ID: ma02031.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.098	U	0.098
4,4'-DDE	0.098	U	0.098
4,4'-DDT	0.098	U	0.098
delta-BHC	0.049	U	0.049
Dieldrin	0.098	U	0.098
Endosulfan I	0.049	U	0.049
Endosulfan II	0.098	U	0.098
Endosulfan sulfate	0.098	U	0.098
Endrin	0.098	U	0.098
Endrin aldehyde	0.098	U	0.098
Endrin ketone	0.098	U	0.098
gamma-BHC (Lindane)	0.049	U	0.049
Heptachlor	0.049	U	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.98	U	0.98
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	38	14 - 115
Tetrachloro-m-xylene	63	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

8081A_8082 Organochlorine Pesticides & Polychlorinated Biphenyls by Gas Chromatography

Method: 8081A_8082
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 2342
Date Prepared: 12/23/2007 1310

Analysis Batch: 680-95150
Prep Batch: 680-94455

Instrument ID: GC SemiVolatiles - M
Lab File ID: ma02032.d
Initial Weight/Volume: 1020 mL
Final Weight/Volume: 10 mL
Injection Volume: 2 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Aldrin	0.049	U	0.049
alpha-BHC	0.049	U	0.049
beta-BHC	0.049	U	0.049
Chlordane (technical)	0.49	U	0.49
4,4'-DDD	0.098	U	0.098
4,4'-DDE	0.098	U	0.098
4,4'-DDT	0.098	U	0.098
delta-BHC	0.049	U	0.049
Dieldrin	0.098	U	0.098
Endosulfan I	0.049	U	0.049
Endosulfan II	0.098	U	0.098
Endosulfan sulfate	0.098	U	0.098
Endrin	0.098	U	0.098
Endrin aldehyde	0.098	U	0.098
Endrin ketone	0.098	U	0.098
gamma-BHC (Lindane)	0.11		0.049
Heptachlor	0.28	P	0.049
Heptachlor epoxide	0.049	U	0.049
Isodrin	0.049	U	0.049
Kepone	0.98	U	0.98
Methoxychlor	0.49	U	0.49
Toxaphene	4.9	U	4.9

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	61	14 - 115
Tetrachloro-m-xylene	110	35 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/24/2007 2243
Date Prepared: 12/21/2007 0822

Analysis Batch: 680-95001
Prep Batch: 680-94308

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl24031.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	2.4	P	0.48
2,4-D	0.48	U	0.48
Silvex (2,4,5-TP)	0.48	U	0.48
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	96	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/24/2007 2304
Date Prepared: 12/21/2007 0822

Analysis Batch: 680-95001
Prep Batch: 680-94308

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl24032.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	1.5	P	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	76	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/24/2007 2324
Date Prepared: 12/21/2007 0822

Analysis Batch: 680-95001
Prep Batch: 680-94308

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl24033.d
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.48	U	0.48
2,4-D	0.48	U	0.48
Silvex (2,4,5-TP)	0.48	U	0.48
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	80	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/24/2007 2345
Date Prepared: 12/21/2007 0822

Analysis Batch: 680-95001
Prep Batch: 680-94308

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl24034.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	88	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/25/2007 0006
Date Prepared: 12/21/2007 0822

Analysis Batch: 680-95001
Prep Batch: 680-94308

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl24035.d
Initial Weight/Volume: 1030 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.49	U	0.49
2,4-D	0.49	U	0.49
Silvex (2,4,5-TP)	0.49	U	0.49
Dinoseb	5.8	U	5.8

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	103	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

8151A Chlorinated Herbicides by GC

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 12/25/2007 0027
Date Prepared: 12/21/2007 0822

Analysis Batch: 680-95001
Prep Batch: 680-94308

Instrument ID: GC SemiVolatiles - S
Lab File ID: sl24036.d
Initial Weight/Volume: 1050 mL
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
2,4,5-T	0.48	U	0.48
2,4-D	0.48	U	0.48
Silvex (2,4,5-TP)	0.48	U	0.48
Dinoseb	5.7	U	5.7

Surrogate	%Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	75	61 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0212
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.22		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	2.3		0.050
Lead	0.0050	U	0.0050
Manganese	0.16		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.066		0.010
Zinc	0.025		0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1114
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-F**

Lab Sample ID: 680-33003-3
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0217
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	2.2		0.050
Manganese, Dissolved	0.15		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW03-1207-AD**

Lab Sample ID: 680-33003-4FD
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0222
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.22		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	2.4		0.050
Lead	0.0050	U	0.0050
Manganese	0.16		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.067		0.010
Zinc	0.023		0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1119
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0227
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.023		0.010
Barium	0.40		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	2.2		0.050
Lead	0.0050	U	0.0050
Manganese	0.41		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1128
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW05-1207-F**

Lab Sample ID: 680-33003-6
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0232
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	2.1		0.050
Manganese, Dissolved	0.41		0.010

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207**

Lab Sample ID: 680-33003-7
Client Matrix: Water

Date Sampled: 12/17/2007 1500
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0236
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-96969
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	1.1		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1133
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW04-1207-EB**

Lab Sample ID: 680-33003-8EB
Client Matrix: Water

Date Sampled: 12/17/2007 1600
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0241
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-96969
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.010	U	0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1136
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0246
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	0.088		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Iron	12		0.050
Lead	0.0050	U	0.0050
Manganese	0.63		0.010
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1138
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Client Sample ID: **PSMW12-1207-F**

Lab Sample ID: 680-33003-11
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/05/2008 0251
Date Prepared: 01/02/2008 1210

Analysis Batch: 680-95266
Prep Batch: 680-95018

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron, Dissolved	12		0.050
Manganese, Dissolved	0.63		0.010

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General Chemistry

Client Sample ID: **PSMW03-1207**

Lab Sample ID: 680-33003-2
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	180		mg/L	2.0	2.0	325.2
Anly Batch: 680-95129	Date Analyzed	01/03/2008 1232				
Nitrate as N	0.25	U H	mg/L	0.25	5.0	353.2
Anly Batch: 680-94639	Date Analyzed	12/21/2007 1008				
Sulfate	12		mg/L	5.0	1.0	375.4
Anly Batch: 680-95131	Date Analyzed	01/03/2008 1305				
Total Organic Carbon	72		mg/L	2.0	2.0	415.1
Anly Batch: 680-95453	Date Analyzed	01/08/2008 1548				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	1200		mg/L	1.0	1.0	310.1
Anly Batch: 680-94385	Date Analyzed	12/21/2007 1150				
Carbon Dioxide, Free	1.0	U	mg/L	1.0	1.0	310.1
Anly Batch: 680-94385	Date Analyzed	12/21/2007 1150				

Client Sample ID: **PSMW03-1207-F**

Lab Sample ID: 680-33003-3
Client Matrix: Water

Date Sampled: 12/17/2007 1100
Date Received: 12/20/2007 1430

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	65		mg/L	5.0	5.0	415.1
Anly Batch: 680-95387	Date Analyzed	01/08/2008 0944				

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General Chemistry

Client Sample ID: **PSMW05-1207**

Lab Sample ID: 680-33003-5
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	130		mg/L	2.0	2.0	325.2
Anly Batch: 680-95129	Date Analyzed	01/03/2008 1232				
Nitrate as N	0.050	U H	mg/L	0.050	1.0	353.2
Anly Batch: 680-94639	Date Analyzed	12/21/2007 1008				
Sulfate	50	U	mg/L	50	10	375.4
Anly Batch: 680-95131	Date Analyzed	01/03/2008 1331				
Total Organic Carbon	6.2		mg/L	1.0	1.0	415.1
Anly Batch: 680-95292	Date Analyzed	01/05/2008 1406				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	850		mg/L	1.0	1.0	310.1
Anly Batch: 680-94385	Date Analyzed	12/21/2007 1203				
Carbon Dioxide, Free	23	B	mg/L	1.0	1.0	310.1
Anly Batch: 680-94385	Date Analyzed	12/21/2007 1203				

Client Sample ID: **PSMW05-1207-F**

Lab Sample ID: 680-33003-6
Client Matrix: Water

Date Sampled: 12/17/2007 1305
Date Received: 12/20/2007 1430

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	5.6		mg/L	1.0	1.0	415.1
Anly Batch: 680-95387	Date Analyzed	01/08/2008 0944				

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General Chemistry

Client Sample ID: **PSMW12-1207**

Lab Sample ID: 680-33003-10
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	69		mg/L	1.0	1.0	325.2
Anly Batch: 680-95129	Date Analyzed	01/03/2008 1218				
Nitrate as N	0.050	U H	mg/L	0.050	1.0	353.2
Anly Batch: 680-94639	Date Analyzed	12/21/2007 1008				
Sulfate	290		mg/L	50	10	375.4
Anly Batch: 680-95131	Date Analyzed	01/03/2008 1340				
Total Organic Carbon	3.8		mg/L	1.0	1.0	415.1
Anly Batch: 680-95292	Date Analyzed	01/05/2008 1406				

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	490		mg/L	1.0	1.0	310.1
Anly Batch: 680-94385	Date Analyzed	12/21/2007 1211				
Carbon Dioxide, Free	40	B	mg/L	1.0	1.0	310.1
Anly Batch: 680-94385	Date Analyzed	12/21/2007 1211				

Client Sample ID: **PSMW12-1207-F**

Lab Sample ID: 680-33003-11
Client Matrix: Water

Date Sampled: 12/18/2007 0950
Date Received: 12/20/2007 1430

Analyte	Result	Qual	Units	RL	Dil	Method
Dissolved Organic Carbon-D	3.6		mg/L	1.0	1.0	415.1
Anly Batch: 680-95387	Date Analyzed	01/08/2008 0944				

US EPA ARCHIVE DOCUMENT

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range, secondary dilution required.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range, secondary dilution required.
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	X	Surrogate exceeds the control limits
	P	The lower of the two values is reported when the % difference between the results of two GC columns is greater than 40%
Metals		
	U	Indicates the analyte was analyzed for but not detected.

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DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 680-33003-1
Sdg Number: KPS037

Lab Section	Qualifier	Description
General Chemistry		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F	MS or MSD exceeds the control limits
	H	Sample was prepped or analyzed beyond the specified holding time

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SDG KPS038

Results of Samples from Wells:

PSMW02

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Solutia Krummrich Data Review

Laboratory SDG: KPS038

Reviewer: Tony Sedlacek

Date Reviewed: 2/17/2008

Guidance: USEPA National Functional Guidelines for Organic Data Review 1999.
USEPA National Functional Guidelines for Inorganic Data Review 2004.

Applicable Work Plan: Plume Stability Monitoring Plan (2005).

Sample Identification #	Sample Identification #
TB03-1207	PSMW02-1207
PSMW02-F-1207	

1.0 Data Package Completeness

Were all items delivered as specified in the QAPP and COC?

Yes

2.0 Laboratory Case Narrative \ Cooler Receipt Form

Were problems noted in the laboratory case narrative or cooler receipt form?

Yes, the laboratory case narrative indicated that PCB and pesticide internal standard recoveries were outside evaluation criteria. Although not indicated in the laboratory case narrative, one VOC sample was diluted due to high levels of target analytes. This issue is addressed further in the appropriate section below.

The cooler receipt form indicated that one out of four 1- liter ambers were received by the laboratory broken. Sufficient sample volume was available to perform the requested analyses. In addition, three out of three VOA vials for sample PSMW02-1207 was received by the laboratory for VOC analysis with headspace. All VOA vials had a headspace less than acceptance criteria of six millimeters in diameter. No qualification of data was required.

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3.0 Holding Times

Were samples extracted/analyzed within QAPP limits?

Yes

Field ID	Parameter	Analyte	Qualification
N/A			

4.0 Blank Contamination

Were any analytes detected in the Method Blanks, Field Blanks or Trip Blanks?

No

Blank ID	Parameter	Analyte	Concentration	Units
N/A				

Qualifications due to blank contamination are included in the table below. Analytical data that were reported nondetect or at concentrations greater than five times (5X) the associated blank concentration (10X for common laboratory contaminants) did not require qualification.

Field ID	Parameter	Analyte	New RL	Qualification
N/A				

5.0 Laboratory Control Sample

Were LCS recoveries within evaluation criteria?

Yes

LCS ID	Parameter	Analyte	LCS/LCSD Recovery	RPD	LCS/LCSD/RPD Criteria
N/A					

Analytical data that required qualification based on LCS data are included in the table below.

Field ID	Parameter	Analyte	Qualification
N/A			

6.0 Surrogate Recoveries

Were surrogate recoveries within evaluation criteria?

Yes

Field ID	Parameter	Surrogate	Recovery	Criteria
N/A				

Analytical data that required qualification based on surrogate data are included in the table below.

Field ID	Parameter	Analyte	Qualification
N/A			

7.0 Matrix Spike and Matrix Spike Duplicate Recoveries

Were MS/MSD samples reported as part of this SDG?

No

Were MS/MSD recoveries within evaluation criteria?

N/A

MS/MSD ID	Parameter	Analyte	MS/MSD Recovery	RPD	MS/MSD/RPD Criteria
N/A					

Analytical data that required qualification based on MS/MSD data are included in the table below.

Field ID	Parameter	Analyte	Qualification
N/A			

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8.0 Internal Standard (IS) Recoveries

Were internal standard area recoveries within evaluation criteria?

No

Field ID	Parameter	Analyte	IS Area Recovery	IS Criteria
PSMW02-1207	PCBs	Chrysene-d_{12}	**137455**	56288-104536

Analytical data that required qualification based on IS data are included in the table below. Internal standard areas outside criteria in quality control samples did not require qualification.

Field ID	Parameter	Analyte	Qualification
PSMW02-1207	PCBs	Monochlorobiphenyl	**J**
PSMW02-1207	PCBs	Dichlorobiphenyl	**J**

9.0 Laboratory Duplicate Results

Were laboratory duplicate samples collected as part of this SDG?

No

Were laboratory duplicate sample RPDs within criteria?

N/A

Field ID	Parameter	Analyte	RPD	Criteria
N/A				

Data qualified due to outlying laboratory duplicate recoveries are identified below:

Field ID	Parameter	Analyte	Qualification
N/A			

10.0 Field Duplicate Results

Were field duplicate samples collected as part of this SDG?

No

Field ID	Field Duplicate ID
N/A	

Were field duplicates within evaluation criteria?

N/A

Field ID	Field Duplicate ID	Parameter	Analyte	RPD	Qualification
N/A					

11.0 Sample Dilutions

For samples that were diluted and nondetect, were undiluted results also reported?

No

The following table identifies the analyses which were reported as nondetect, diluted, and an undiluted run ***was not*** reported:

Field ID	Parameter	Dilution Factor
PSMW02-1207	VOCs	50

12.0 Additional Qualifications

Were additional qualifications applied?

No

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-33033-1

SDG Number: KPS038

Job Description: WGK Plume Stability PSMW02 4Q07

For:
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110

Attention: Mr. Bob Billman



Lidya Gulizia
Project Manager I
lidya.gulizia@testamericainc.com
01/30/2008

cc: Mr. Bruce Yare

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report.

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Receipt
Method(s) 8260B: The following sample(s) was received with headspace in the sample vials: PSMW02-1207 (680-33033-2).All three of the vials had headspace in them.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Comments
No additional comments.

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METHOD SUMMARY

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds by GC/MS	TAL SAV	SW846 8260B	
Purge-and-Trap	TAL SAV		SW846 5030B
Polychlorinated Biphenyls by GCMS	TAL SAV	EPA 680	
Polychlorinated Biphenyls by GCMS Preparation for	TAL SAV		EPA 680
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	TAL SAV	SW846 8270C	
Continuous Liquid-Liquid Extraction	TAL SAV		SW846 3520C
Inductively Coupled Plasma - Atomic Emission Spectrometry	TAL SAV	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	TAL SAV		SW846 3005A
Mercury in Liquid Waste (Manual Cold Vapor Technique)	TAL SAV	SW846 7470A	
Mercury in Liquid Waste (Manual Cold Vapor	TAL SAV		SW846 7470A

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

EPA = US Environmental Protection Agency

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

US EPA ARCHIVE DOCUMENT

METHOD / ANALYST SUMMARY

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Method	Analyst	Analyst ID
SW846 8260B	Lui, Chung	CL
EPA 680	Johnson, Brad	BJ
SW846 8270C	Johnson, Brad	BJ
SW846 6010B	Bland, Brian	BB
SW846 7470A	Bland, Brian	BB

US EPA ARCHIVE DOCUMENT

SAMPLE SUMMARY

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-33033-1	TB03-1207	Water	12/20/2007 0700	12/21/2007 1330
680-33033-2	PSMW02-1207	Water	12/20/2007 1010	12/21/2007 1330
680-33033-3	PSMW02-F-1207	Water	12/20/2007 1010	12/21/2007 1330

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SAMPLE RESULTS

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **TB03-1207**

Lab Sample ID: 680-33033-1
Client Matrix: Water

Date Sampled: 12/20/2007 0700
Date Received: 12/21/2007 1330

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/31/2007 1305
Date Prepared: 12/31/2007 1305

Analysis Batch: 680-94956

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5167a.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	25	U	25
Acetonitrile	40	U	40
Acrolein	20	U	20
Acrylonitrile	20	U	20
Benzene	1.0	U	1.0
Bromodichloromethane	1.0	U	1.0
Bromoform	1.0	U	1.0
Bromomethane	1.0	U	1.0
Methyl Ethyl Ketone	10	U	10
Carbon disulfide	2.0	U	2.0
Carbon tetrachloride	1.0	U	1.0
Chlorobenzene	1.0	U	1.0
2-Chloro-1,3-butadiene	1.0	U	1.0
Chloroethane	1.0	U	1.0
Chloroform	1.0	U	1.0
Chloromethane	1.0	U	1.0
3-Chloro-1-propene	1.0	U	1.0
cis-1,2-Dichloroethene	1.0	U	1.0
cis-1,3-Dichloropropene	1.0	U	1.0
Dibromochloromethane	1.0	U	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	1.0
Dibromomethane	1.0	U	1.0
1,2-Dichlorobenzene	1.0	U	1.0
1,3-Dichlorobenzene	1.0	U	1.0
1,4-Dichlorobenzene	1.0	U	1.0
Dichlorodifluoromethane	1.0	U	1.0
1,1-Dichloroethane	1.0	U	1.0
1,2-Dichloroethane	1.0	U	1.0
1,1-Dichloroethene	1.0	U	1.0
1,2-Dichloropropane	1.0	U	1.0
Ethylbenzene	1.0	U	1.0
Ethylene Dibromide	1.0	U	1.0
Ethyl methacrylate	1.0	U	1.0
2-Hexanone	10	U	10
Iodomethane	5.0	U	5.0
Isobutyl alcohol	40	U	40
Methacrylonitrile	20	U	20
Methylene Chloride	5.0	U	5.0
Methyl methacrylate	1.0	U	1.0
methyl isobutyl ketone	10	U	10
Pentachloroethane	5.0	U	5.0
Propionitrile	20	U	20
Styrene	1.0	U	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **TB03-1207**

Lab Sample ID: 680-33033-1
Client Matrix: Water

Date Sampled: 12/20/2007 0700
Date Received: 12/21/2007 1330

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/31/2007 1305
Date Prepared: 12/31/2007 1305

Analysis Batch: 680-94956

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5167a.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	1.0	U	1.0
Tetrachloroethene	1.0	U	1.0
Toluene	1.0	U	1.0
trans-1,4-Dichloro-2-butene	2.0	U	2.0
trans-1,2-Dichloroethene	1.0	U	1.0
trans-1,3-Dichloropropene	1.0	U	1.0
1,1,1-Trichloroethane	1.0	U	1.0
1,1,2-Trichloroethane	1.0	U	1.0
Trichloroethene	1.0	U	1.0
Trichlorofluoromethane	1.0	U	1.0
1,2,3-Trichloropropane	1.0	U	1.0
Vinyl acetate	2.0	U	2.0
Vinyl chloride	1.0	U	1.0
Xylenes, Total	2.0	U	2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	90	75 - 120
Dibromofluoromethane	89	75 - 121
Toluene-d8 (Surr)	97	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **PSMW02-1207**

Lab Sample ID: 680-33033-2
Client Matrix: Water

Date Sampled: 12/20/2007 1010
Date Received: 12/21/2007 1330

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 12/31/2007 1431
Date Prepared: 12/31/2007 1431

Analysis Batch: 680-94956

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5173.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	1300	U	1300
Acetonitrile	2000	U	2000
Acrolein	1000	U	1000
Acrylonitrile	1000	U	1000
Benzene	7700		50
Bromodichloromethane	50	U	50
Bromoform	50	U	50
Bromomethane	50	U	50
Methyl Ethyl Ketone	500	U	500
Carbon disulfide	100	U	100
Carbon tetrachloride	50	U	50
Chlorobenzene	1600		50
2-Chloro-1,3-butadiene	50	U	50
Chloroethane	50	U	50
Chloroform	50	U	50
Chloromethane	50	U	50
3-Chloro-1-propene	50	U	50
cis-1,2-Dichloroethene	50	U	50
cis-1,3-Dichloropropene	50	U	50
Dibromochloromethane	50	U	50
1,2-Dibromo-3-Chloropropane	50	U	50
Dibromomethane	50	U	50
1,2-Dichlorobenzene	50	U	50
1,3-Dichlorobenzene	50	U	50
1,4-Dichlorobenzene	50	U	50
Dichlorodifluoromethane	50	U	50
1,1-Dichloroethane	50	U	50
1,2-Dichloroethane	50	U	50
1,1-Dichloroethene	50	U	50
1,2-Dichloropropane	50	U	50
Ethylbenzene	50	U	50
Ethylene Dibromide	50	U	50
Ethyl methacrylate	50	U	50
2-Hexanone	500	U	500
Iodomethane	250	U	250
Isobutyl alcohol	2000	U	2000
Methacrylonitrile	1000	U	1000
Methylene Chloride	250	U	250
Methyl methacrylate	50	U	50
methyl isobutyl ketone	500	U	500
Pentachloroethane	250	U	250
Propionitrile	1000	U	1000
Styrene	50	U	50
1,1,1,2-Tetrachloroethane	50	U	50

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **PSMW02-1207**

Lab Sample ID: 680-33033-2
Client Matrix: Water

Date Sampled: 12/20/2007 1010
Date Received: 12/21/2007 1330

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 50
Date Analyzed: 12/31/2007 1431
Date Prepared: 12/31/2007 1431

Analysis Batch: 680-94956

Instrument ID: GC/MS Volatiles - P
Lab File ID: p5173.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,2,2-Tetrachloroethane	50	U	50
Tetrachloroethene	50	U	50
Toluene	50	U	50
trans-1,4-Dichloro-2-butene	100	U	100
trans-1,2-Dichloroethene	50	U	50
trans-1,3-Dichloropropene	50	U	50
1,1,1-Trichloroethane	50	U	50
1,1,2-Trichloroethane	50	U	50
Trichloroethene	50	U	50
Trichlorofluoromethane	50	U	50
1,2,3-Trichloropropane	50	U	50
Vinyl acetate	100	U	100
Vinyl chloride	50	U	50
Xylenes, Total	130		100

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	92	75 - 120
Dibromofluoromethane	87	75 - 121
Toluene-d8 (Surr)	99	75 - 120

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **PSMW02-1207**

Lab Sample ID: 680-33033-2
Client Matrix: Water

Date Sampled: 12/20/2007 1010
Date Received: 12/21/2007 1330

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/17/2008 1846
Date Prepared: 12/26/2007 1445

Analysis Batch: 680-96232
Prep Batch: 680-94579

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.12		0.096
Dichlorobiphenyl	0.11		0.096
Trichlorobiphenyl	0.096	U	0.096
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.48	U	0.48
DCB Decachlorobiphenyl	0.48	U	0.48

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	58	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **PSMW02-F-1207**

Lab Sample ID: 680-33033-3
Client Matrix: Water

Date Sampled: 12/20/2007 1010
Date Received: 12/21/2007 1330

680 Polychlorinated Biphenyls by GCMS

Method: 680
Preparation: 680
Dilution: 1.0
Date Analyzed: 01/17/2008 1800
Date Prepared: 12/26/2007 1445

Analysis Batch: 680-96232
Prep Batch: 680-94579

Instrument ID: No Equipment Assigned to
Lab File ID: N/A
Initial Weight/Volume: 1040 mL
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result (ug/L)	Qualifier	RL
Monochlorobiphenyl	0.096	U	0.096
Dichlorobiphenyl	0.096	U	0.096
Trichlorobiphenyl	0.096	U	0.096
Tetrachlorobiphenyl	0.19	U	0.19
Pentachlorobiphenyl	0.19	U	0.19
Hexachlorobiphenyl	0.19	U	0.19
Heptachlorobiphenyl	0.29	U	0.29
Octachlorobiphenyl	0.29	U	0.29
Nonachlorobiphenyl	0.48	U	0.48
DCB Decachlorobiphenyl	0.48	U	0.48

Surrogate	%Rec	Acceptance Limits
Decachlorobiphenyl-13C12	57	25 - 113

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **PSMW02-1207**

Lab Sample ID: 680-33033-2
Client Matrix: Water

Date Sampled: 12/20/2007 1010
Date Received: 12/21/2007 1330

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 1914
Date Prepared: 12/27/2007 1600

Analysis Batch: 680-95023
Prep Batch: 680-94644

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e7610.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
Acenaphthene	9.4	U	9.4
Acenaphthylene	9.4	U	9.4
Acetophenone	9.4	U	9.4
2-Acetylaminofluorene	9.4	U	9.4
alpha,alpha-Dimethyl phenethylamine	1900	U	1900
4-Aminobiphenyl	9.4	U	9.4
Aniline	19	U	19
Anthracene	9.4	U	9.4
Aramite, Total	9.4	U	9.4
Benzo[a]anthracene	9.4	U	9.4
Benzo[a]pyrene	9.4	U	9.4
Benzo[b]fluoranthene	9.4	U	9.4
Benzo[g,h,i]perylene	9.4	U	9.4
Benzo[k]fluoranthene	9.4	U	9.4
Benzyl alcohol	9.4	U	9.4
1,1'-Biphenyl	9.4	U	9.4
Bis(2-chloroethoxy)methane	9.4	U	9.4
Bis(2-chloroethyl)ether	9.4	U	9.4
bis(chloroisopropyl) ether	9.4	U	9.4
Bis(2-ethylhexyl) phthalate	9.4	U	9.4
4-Bromophenyl phenyl ether	9.4	U	9.4
Butyl benzyl phthalate	9.4	U	9.4
4-Chloroaniline	140		19
4-Chloro-3-methylphenol	9.4	U	9.4
2-Chloronaphthalene	9.4	U	9.4
2-Chlorophenol	9.4	U	9.4
4-Chlorophenyl phenyl ether	9.4	U	9.4
Chrysene	9.4	U	9.4
Diallate	9.4	U	9.4
Dibenz(a,h)anthracene	9.4	U	9.4
Dibenzofuran	9.4	U	9.4
3,3'-Dichlorobenzidine	19	U	19
2,4-Dichlorophenol	9.4	U	9.4
2,6-Dichlorophenol	9.4	U	9.4
Diethyl phthalate	9.4	U	9.4
Dimethoate	9.4	U	9.4
7,12-Dimethylbenz(a)anthracene	9.4	U	9.4
3,3'-Dimethylbenzidine	19	U	19
2,4-Dimethylphenol	9.4	U	9.4
Dimethyl phthalate	9.4	U	9.4
Di-n-butyl phthalate	9.4	U	9.4
1,3-Dinitrobenzene	9.4	U	9.4
4,6-Dinitro-2-methylphenol	47	U	47
2,4-Dinitrophenol	47	U	47

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **PSMW02-1207**

Lab Sample ID: 680-33033-2
Client Matrix: Water

Date Sampled: 12/20/2007 1010
Date Received: 12/21/2007 1330

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 1914
Date Prepared: 12/27/2007 1600

Analysis Batch: 680-95023
Prep Batch: 680-94644

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e7610.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
2,4-Dinitrotoluene	9.4	U	9.4
2,6-Dinitrotoluene	9.4	U	9.4
Di-n-octyl phthalate	9.4	U	9.4
1,4-Dioxane	9.4	U	9.4
Disulfoton	9.4	U	9.4
Ethyl methanesulfonate	9.4	U	9.4
Famphur	9.4	U	9.4
Fluoranthene	9.4	U	9.4
Fluorene	9.4	U	9.4
Hexachlorobenzene	9.4	U	9.4
Hexachlorobutadiene	9.4	U	9.4
Hexachlorocyclopentadiene	9.4	U	9.4
Hexachloroethane	9.4	U	9.4
Hexachlorophene	4700	U	4700
Hexachloropropene	9.4	U	9.4
Indeno[1,2,3-cd]pyrene	9.4	U	9.4
Isophorone	9.4	U	9.4
Isosafrole	9.4	U	9.4
Methapyrilene	1900	U	1900
3-Methylcholanthrene	9.4	U	9.4
Methyl methanesulfonate	9.4	U	9.4
2-Methylnaphthalene	9.4	U	9.4
Methyl parathion	9.4	U	9.4
2-Methylphenol	9.4	U	9.4
3 & 4 Methylphenol	9.4	U	9.4
Naphthalene	9.4	U	9.4
1,4-Naphthoquinone	9.4	U	9.4
1-Naphthylamine	9.4	U	9.4
2-Naphthylamine	9.4	U	9.4
2-Nitroaniline	47	U	47
3-Nitroaniline	47	U	47
4-Nitroaniline	47	U	47
Nitrobenzene	9.4	U	9.4
2-Nitrophenol	9.4	U	9.4
4-Nitrophenol	47	U	47
4-Nitroquinoline-1-oxide	19	U	19
N-Nitro-o-toluidine	9.4	U	9.4
N-Nitrosodiethylamine	9.4	U	9.4
N-Nitrosodimethylamine	9.4	U	9.4
N-Nitrosodi-n-butylamine	9.4	U	9.4
N-Nitrosodi-n-propylamine	9.4	U	9.4
N-Nitrosodiphenylamine	9.4	U	9.4
N-Nitrosomethylethylamine	9.4	U	9.4
N-Nitrosomorpholine	9.4	U	9.4

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **PSMW02-1207**

Lab Sample ID: 680-33033-2
Client Matrix: Water

Date Sampled: 12/20/2007 1010
Date Received: 12/21/2007 1330

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3520C
Dilution: 1.0
Date Analyzed: 01/02/2008 1914
Date Prepared: 12/27/2007 1600

Analysis Batch: 680-95023
Prep Batch: 680-94644

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e7610.d
Initial Weight/Volume: 1060 mL
Final Weight/Volume: 1 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	RL
N-Nitrosopiperidine	9.4	U	9.4
N-Nitrosopyrrolidine	9.4	U	9.4
o,o',o''-Triethylphosphorothioate	9.4	U	9.4
Ethyl Parathion	9.4	U	9.4
p-Dimethylamino azobenzene	9.4	U	9.4
Pentachlorobenzene	9.4	U	9.4
Pentachloronitrobenzene	9.4	U	9.4
Pentachlorophenol	47	U	47
Phenacetin	9.4	U	9.4
Phenanthrene	9.4	U	9.4
Phenol	94		9.4
Phorate	9.4	U	9.4
2-Picoline	9.4	U	9.4
p-Phenylene diamine	1900	U	1900
Pronamide	9.4	U	9.4
Pyrene	9.4	U	9.4
Pyridine	47	U	47
Safrole, Total	9.4	U	9.4
Sulfotepp	9.4	U	9.4
1,2,4,5-Tetrachlorobenzene	9.4	U	9.4
2,3,4,6-Tetrachlorophenol	9.4	U	9.4
Thionazin	9.4	U	9.4
2-Toluidine	9.4	U	9.4
1,2,4-Trichlorobenzene	9.4	U	9.4
2,4,5-Trichlorophenol	9.4	U	9.4
2,4,6-Trichlorophenol	9.4	U	9.4
1,3,5-Trinitrobenzene	9.4	U	9.4

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	76	50 - 113
2-Fluorophenol	80	36 - 110
Nitrobenzene-d5	73	45 - 112
Phenol-d5	70	38 - 116
Terphenyl-d14	48	10 - 121
2,4,6-Tribromophenol	74	40 - 139

US EPA ARCHIVE DOCUMENT

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Client Sample ID: **PSMW02-1207**

Lab Sample ID: 680-33033-2
Client Matrix: Water

Date Sampled: 12/20/2007 1010
Date Received: 12/21/2007 1330

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 01/08/2008 2325
Date Prepared: 01/08/2008 1124

Analysis Batch: 680-95462
Prep Batch: 680-95341

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Antimony	0.020	U	0.020
Arsenic	0.010	U	0.010
Barium	1.2		0.010
Beryllium	0.0040	U	0.0040
Cadmium	0.0050	U	0.0050
Chromium	0.010	U	0.010
Cobalt	0.010	U	0.010
Copper	0.020	U	0.020
Lead	0.0050	U	0.0050
Nickel	0.040	U	0.040
Selenium	0.010	U	0.010
Silver	0.010	U	0.010
Thallium	0.025	U	0.025
Tin	0.050	U	0.050
Vanadium	0.010	U	0.010
Zinc	0.020	U	0.020

7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 01/08/2008 1201
Date Prepared: 01/07/2008 1055

Analysis Batch: 680-95370
Prep Batch: 680-95263

Instrument ID: LEEMAN1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Mercury	0.00020	U	0.00020

US EPA ARCHIVE DOCUMENT

DATA REPORTING QUALIFIERS

Client: URS Corporation

Job Number: 680-33033-1
Sdg Number: KPS038

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
Metals		
	U	Indicates the analyte was analyzed for but not detected.

US EPA ARCHIVE DOCUMENT

Heterotropic Plate Count

Results of Samples from Wells:

PSMW16D
PSMW16M
PSMW07
PSMW08
PSMW15D(R)
PSMW15M(R)
PSMW11
PSMW03
PSMW05
PSMW12

US EPA ARCHIVE DOCUMENT

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

December 18, 2007

Jeff Adams
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110
TEL: (314) 743-4228
FAX: (314) 429-0462

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: WGK Plume Stability/21561814.00004 **WorkOrder:** 07120338

Dear Jeff Adams:

TEKLAB, INC received 2 samples on 12/11/2007 5:30:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Kelly A. Klostermann

Kelly A. Klostermann
Project Manager
(618)344-1004 ex.11

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
LabOrder: 07120338
Report Date: 18-Dec-07

CASE NARRATIVE

Cooler Receipt Temp: 3.2 °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120338
Lab ID: 07120338-001
Report Date: 18-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW16D-1207
Collection Date: 12/11/2007 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		1	H	43	CFU/1ml	1	12/14/2007 1:45:00 PM	BMP

Sample Narrative
Standard Methods 18th Ed. 9215 B
Sample required re-analysis out of hold time.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120338
Lab ID: 07120338-002
Report Date: 18-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW16M-1207
Collection Date: 12/11/2007 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		1	H	**36**	CFU/1ml	1	12/14/2007 1:45:00 PM	BMP

Sample Narrative
Standard Methods 18th Ed. 9215 B
Sample required re-analysis out of hold time.

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
Lab Order: 07120338
Report Date: 18-Dec-07

Carrier: Kevin Knapp

Received By: MLD

Completed by: Marvin L. Darling II
On: 12-Dec-07
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 12-Dec-07
Elizabeth A. Hurley

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 3.2
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

CHAIN OF CUSTODY

pg. 1 of ____ Work Order # 07120378

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: URS Corporation
Address: 1001 Highlands Plaza Dr. West Ste. 300
City / State / Zip: St. Louis, MO 63110
Contact: Jeff Adams Phone: 314-429-0100
E-Mail: thomas_adams@urscorp.com Fax: 314-429-0462

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice 3.2 °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☐ No
- Are these samples known to be hazardous? ☐ Yes ☐ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☐ No

Project Name / Number: WGK Plume Stability Monitoring 215618.14.00004
Sample Collector's Name: Mike Corbett
Results Requested: ☐ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: HPC 9215
07120378-01	PSMW6D-1207	12/11/07 1050	1								X					X
-02	PSMW16M-1207	12/11/07 1250	1								X					X

Relinquished By	Date / Time	Received By	Date / Time
[signature]	12/11/07 1510	[signature]	12-11-07 15:10
Kevin Knapp	12-11-07 17:30	Marvin L. Sterling II	12/11/07 1730

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

WHITE & YELLOW – LAB PINK – SAMPLER'S COPY

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

December 19, 2007

Jeff Adams
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110
TEL: (314) 743-4228
FAX: (314) 429-0462

NELAP Accredited #100226

RE: WGK Plume Stability/21561814.00004 **WorkOrder:** 07120395

Dear Jeff Adams:

TEKLAB, INC received 2 samples on 12/12/2007 5:30:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Kelly A. Klostermann

Kelly A. Klostermann
Project Manager
(618)344-1004 ex.11

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
LabOrder: 07120395
Report Date: 19-Dec-07

CASE NARRATIVE

Cooler Receipt Temp: 3.6 °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120395
Lab ID: 07120395-001
Report Date: 19-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW07-1207
Collection Date: 12/12/2007 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		1		**89**	CFU/1ml	1	12/13/2007 9:20:00 AM	BMP

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120395
Lab ID: 07120395-002
Report Date: 19-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW08-1207
Collection Date: 12/12/2007 12:10:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		10		**750**	CFU/1ml	10	12/13/2007 9:20:00 AM	BMP

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
Lab Order: 07120395
Report Date: 19-Dec-07

Carrier: Kevin Knapp

Received By: EKS

Completed by: Erika K. Starman
On: 12-Dec-07

Reviewed by: Elizabeth A. Hurley
On: 13-Dec-07

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 3.6
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

CHAIN OF CUSTODY

pg. 1 of 1 Work Order # 0712035

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: URS Corporation
Address: 1001 Highlands Plaza Dr. W. Ste. 300
City / State / Zip: St. Louis, MO 63110
Contact: Thomas Adams Phone: 314-429-0100
E-Mail: thomas_adams@urscorp.com Fax: 314-429-0462

Samples on: ☑ Ice ☐ Blue Ice ☐ No Ice 3.0 °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

* Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☐ No
* Are these samples known to be hazardous? ☐ Yes ☐ No
* Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☐ No

Project Name / Number: WGK Plume Stability Monitoring 21561819.00004
Sample Collector's Name: Mike Corbett
Results Requested: ☐ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: HPC 4215
712035-01	PSMW07-1207	12/12/07 1000	1								X					X
-02	PSMW08-1207	12/12/07 1210	1								X					X

Relinquished By	Date / Time	Received By	Date / Time
[signature]	12/12/07 1410	[signature]	12-12-07 / 14:10
Kevin Knopp	12-12-07 / 17:30	[signature]	12/12/07 1730

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE & YELLOW - LAB

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

December 19, 2007

Thomas Adams
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110
TEL: (314) 429-0100
FAX: (314) 429-0462

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: WGK Plume Stability/21561814.00004 **WorkOrder:** 07120449

Dear Thomas Adams:

TEKLAB, INC received 3 samples on 12/13/2007 3:36:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Kelly A. Klostermann

Kelly A. Klostermann
Project Manager
(618)344-1004 ex.11

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
LabOrder: 07120449
Report Date: 19-Dec-07

CASE NARRATIVE

Cooler Receipt Temp: 2.6 °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120449
Lab ID: 07120449-001
Report Date: 19-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW15D(R) -1207
Collection Date: 12/13/2007 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		10		**590**	CFU/1ml	10	12/14/2007 9:05:00 AM	BMP

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120449
Lab ID: 07120449-002
Report Date: 19-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW15M(R)-1207
Collection Date: 12/13/2007 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		1		**80**	CFU/1ml	1	12/14/2007 9:05:00 AM	BMP

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120449
Lab ID: 07120449-003
Report Date: 19-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW11-1207
Collection Date: 12/13/2007 1:20:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		1		**103**	CFU/1ml	1	12/14/2007 9:05:00 AM	BMP

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
Lab Order: 07120449
Report Date: 19-Dec-07

Carrier: Kevin Knapp

Received By: MLD

Completed by: Marvin L. Darling II
On: 13-Dec-07
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 14-Dec-07
Elizabeth A. Hurley

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 2.6
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

CHAIN OF CUSTODY

pg. 1 of 1 Work Order # 07120449

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: URS Corporation
Address: 1001 Highlands Plaza Dr. W. Ste. 300
City / State / Zip: St. Louis, MO 63110
Contact: Thomas Adams Phone: 314-429-0100
E-Mail: thomas_adams@urscorp.com Fax: 314-429-0462

Samples on: X Ice ☐ Blue Ice ☐ No Ice 2.0 °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☐ No
- Are these samples known to be hazardous? ☐ Yes ☐ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☐ No

Project Name / Number: WGK Plume Stability Study 215618I4.00004
Sample Collector's Name: Mike Corbett
Results Requested: ☐ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: HPC 9215
07120449-01	PSMW15D(R)-1207	12/13/07 0945	1								X					X
-02	PSMW15M(R)-1207	12/13/07 1130	1								X					X
-03	PSMW11-1207	12/13/07 1320	1								X					X

Relinquished By	Date / Time	Received By	Date / Time
Mike Clt	12/13/07 1510	Kwin Knapp	12-13-07 / 15:15
Kwin Knapp	12-13-07 / 1536	Marvin L. Darling II	12/13/07 1536

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE & YELLOW - LAB PINK - SAMPLERS COPY

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

December 21, 2007

Thomas Adams
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110
TEL: (314) 429-0100
FAX: (314) 429-0462

NELAP Accredited #100226

RE: WGK Plume Stability/21561814.00004 **WorkOrder:** 07120526

Dear Thomas Adams:

TEKLAB, INC received 2 samples on 12/17/2007 4:00:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Kelly A. Klostermann

Kelly A. Klostermann
Project Manager
(618)344-1004 ex.11

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
LabOrder: 07120526
Report Date: 21-Dec-07

CASE NARRATIVE

Cooler Receipt Temp: 4.8 °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	X - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	# - Unknown hydrocarbon	**DNI** - Did not ignite

NELAP - IL ELAP and NELAP Accredited Field of Testing **IDPH** - IL Dept. of Public Health

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120526
Lab ID: 07120526-001
Report Date: 21-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW03-1207
Collection Date: 12/17/2007 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		1		**103**	CFU/1ml	1	12/18/2007 9:05:00 AM	BMP

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120526
Lab ID: 07120526-002
Report Date: 21-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW05-1207
Collection Date: 12/17/2007 1:05:00 PM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		10		**40**	CFU/1ml	10	12/18/2007 9:05:00 AM	BMP

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
Lab Order: 07120526
Report Date: 21-Dec-07

Carrier: Kevin Knapp

Received By: MLD

Completed by: Marvin L. Darling II
On: 17-Dec-07
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 17-Dec-07
Elizabeth A. Hurley

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 4.8
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

CHAIN OF CUSTODY

pg. 1 of 1 Work Order # 07120526

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: URS Corporation
Address: 1001 Highlands Plaza Dr. W. Ste 300
City / State / Zip: St. Louis, MO 63110
Contact: Thomas Adams Phone: 314-429-0100
E-Mail: Thomas_adams@urscorp.com Fax: 314-429-0462

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice 2.8 °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☐ No
- Are these samples known to be hazardous? ☐ Yes ☐ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☐ No

Project Name / Number: WGK Plume Stability Monitoring 21561814.00004
Sample Collector's Name: Mike Corbett
Results Requested: ☐ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: HPC 9215
07120526-01	PSMW03-1207	12/17/07 1100	1								X					X
-02	PSMW05-1207	12/17/07 1305	1								X					X

Relinquished By	Date / Time	Received By	Date / Time
Mike Corbett	12/17/07 1540	Kim Knapp	12-17-07 1540
Kim Knapp	12-17-07 1600	Maureen L. Darling II	12/17/07 1600

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE & YELLOW – LAB PINK – SAMPLER'S COPY

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

December 21, 2007

Thomas Adams
URS Corporation
1001 Highlands Plaza Drive West
Suite 300
St. Louis, MO 63110
TEL: (314) 429-0100
FAX: (314) 429-0462

ACCREDITED IN ACCORDANCE WITH nelac

NELAP Accredited #100226

RE: WGK Plume Stability/21561814.00004 **WorkOrder:** 07120546

Dear Thomas Adams:

TEKLAB, INC received 1 sample on 12/18/2007 10:37:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. IL ELAP and NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Kelly A. Klostermann

Kelly A. Klostermann
Project Manager
(618)344-1004 ex.11

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
LabOrder: 07120546
Report Date: 21-Dec-07

CASE NARRATIVE

Cooler Receipt Temp: 5.8 °C

State accreditations:

IL: DPH #17584 NELAP #IL00045 | KS: NELAP #E-10347 | KY: UST #0073 | MO: DNR #00930 | AR: ADEQ #70-028-0

Qualifiers

DF - Dilution Factor	**B** - Analyte detected in the associated Method Blank	**C** - Client requested RL below
RL - Reporting Limit	**J** - Analyte detected below reporting limits	**D** - Diluted out of sample
ND - Not Detected at the Reporting Limit	**R** - RPD outside accepted recovery limits	**E** - Value above quantitation range
Surr - Surrogate Standard added by lab	**S** - Spike Recovery outside accepted recovery limits	**H** - Holding time exceeded
TNTC - Too numerous to count (> 200 CFU)	**X** - Value exceeds Maximum Contaminant Level	**MI** - Matrix interference
Q - QC criteria failed or noncompliant CCV	**#** - Unknown hydrocarbon	**DNI** - Did not ignite
NELAP - IL ELAP and NELAP Accredited Field of Testing	**IDPH** - IL Dept. of Public Health	

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE, ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

LABORATORY RESULTS

Client: URS Corporation
WorkOrder: 07120546
Lab ID: 07120546-001
Report Date: 21-Dec-07

Client Project: WGK Plume Stability/21561814.0000
Client Sample ID: PSMW12-1207
Collection Date: 12/18/2007 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Analyst
STANDARD METHODS 18TH ED. 9215 B								
Heterotrophic Plate Count		10		**1110**	CFU/1ml	10	12/18/2007 2:55:00 PM	BMP

Sample Narrative

TEKLAB, INC.

5445 HORSESHOE LAKE ROAD
COLLINSVILLE. ILLINOIS 62234

ENVIRONMENTAL TESTING LABORATORY

TEL: 618-344-1004
FAX: 618-344-1005

RECEIVING CHECK LIST

Client: URS Corporation
Project: WGK Plume Stability/21561814.00004
Lab Order: 07120546
Report Date: 21-Dec-07

Carrier: Kevin Knapp

Received By: EKS

Completed by: Marvin L. Darling II
On: 18-Dec-07
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 18-Dec-07
Elizabeth A. Hurley

Pages to follow: Chain of custody [1] Extra pages included [0]

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	5.8	
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑			
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑			
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐	
Chain of custody present?	Yes ☑	No ☐				
Chain of custody signed when relinquished and received?	Yes ☑	No ☐				
Chain of custody agrees with sample labels?	Yes ☑	No ☐				
Samples in proper container/bottle?	Yes ☑	No ☐				
Sample containers intact?	Yes ☑	No ☐				
Sufficient sample volume for indicated test?	Yes ☑	No ☐				
All samples received within holding time?	Yes ☑	No ☐				
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑			
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐				

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	

Any No responses must be detailed below or on the COC.

CHAIN OF CUSTODY

pg. 1 of ____ Work Order # 71205 46

TEKLAB, INC. 5445 Horseshoe Lake Road ~ Collinsville, IL 62234 ~ Phone: (618) 344-1004 ~ Fax: (618) 344-1005

Client: URS Corporation

Address: 1001 Highlands Plaza Dr. West Ste. 300

City / State / Zip: St. Louis, MO 63110

Contact: Thomas Adams Phone: 314-429-0100

E-Mail: thomas.adams@urscorp.com Fax: 314-429-0462

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice 5.8 °C

Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY

Lab Notes:

Comments:

- Are these samples known to be involved in litigation? If yes, a surcharge will apply. ☐ Yes ☐ No
- Are these samples known to be hazardous? ☐ Yes ☐ No
- Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in comment section. ☐ Yes ☐ No

Project Name / Number: WGK Plume Stability Monitoring 21561814.00004

Sample Collector's Name: Mike Corbett

Results Requested: ☐ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)

Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: HPC 9215
71205946-01	PSMW12-1207	12/18/07 0950	X								X					1

Relinquished By	Date / Time	Received By	Date / Time
[signature]	12/18/07 1010	[signature]	12-18-07 / 1037
[signature]	12-18-07 / 1037	[signature]	12/18/07 1037

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and

WHITE & YELLOW – LAB PINK – SAMPLER'S COPY