DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, U.S. ARMY GARRISON, FORT WAINWRIGHT

FORMER COMMUNICATIONS SITE 2011 GROUNDWATER MONITORING REPORT FORT WAINWRIGHT, ALASKA

FINAL

JULY 2012

U.S. Army Corps of Engineers, Alaska District
Environmental Remediation Services
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Task Order No. 07

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ACRONYMS AND ABBREVIATIONS

AAC	Alaska Administrative Code
ADEC	Alaska Department of Environmental Conservation
DRO	diesel-range organics
FCS	Former Communication Site
FWA	Fort Wainwright, Alaska
GRO	gasoline-range organics
Jacobs	Jacobs Engineering Group Inc.
mg/L	milligrams per liter
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyls
RCRA	Resource Conservation Recovery Act
RRO	residual-range organics
SVOC	semivolatile organic compound
TCE	trichloroethene
TCP	trichloropropane
USACE	U.S. Army Corps of Engineers
VOC	volatile organic compound

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1.0 INTRODUCTION

This After-Action Report describes groundwater monitoring activities that took place during the semiannual sampling events completed in 2011 at the Former Communications Site (FCS) on Fort Wainwright, Alaska (FWA). Jacobs Engineering Group Inc. (Jacobs) performed this work for the U.S. Army Corps of Engineers (USACE), Alaska District, under the Environmental Remediation Services Contract W911KB-06-D-0006, Task Order No. 07.

All activities were conducted in accordance with the plans and procedures outlined in the following reports:

- *Draft Taku Gardens Groundwater Monitoring Work Plan Addendum* (USACE 2010)
- *Fort Wainwright Post Wide Work Plan* (USACE 2011)
- *Monitoring Well Guidance* (ADEC 2009)
- *Former Communications Site Drum and Debris Investigation Work Plan* (USACE 2008b)
- *2008 Work Plan for Fall Remedial Investigation Activities* (USACE 2008a)

1.1 REPORT ORGANIZATION

This Report is organized as follows:

- Section 1.0 introduces the project, presents an overview of the site history and background, and discusses the scope of completed work.
- Section 2.0 presents the regulatory criteria applicable to this project.
- Section 3.0 presents the project execution approach.
- Section 4.0 presents a summary of the analytical data.
- Section 5.0 presents the waste management.
- Section 6.0 presents the conclusions.
- Appendix A presents a log of project photographs.
- Appendix B presents a data quality assessment, analytical data, and laboratory documentation associated with sampling.
- Appendix C presents the field logbooks and groundwater monitoring forms.
- Appendix D presents responses to the comments received on the draft version of this After-Action Report.

1.2 SITE BACKGROUND

The FCS, also known as the Taku Gardens Family Housing development (Taku Gardens), is located on FWA, an active U.S. Army installation that occupies a 1,577,095-acre military reservation east of Fairbanks, Alaska (Figure 1-1). The groundwater monitoring performed at the FCS during the 2011 field season was part of a multi-year monitoring program at the site in order to evaluate current contaminant levels and the contaminant trend. A total of 92 monitoring wells have been installed as follows at the FCS since 2005:

- Initially, 13 monitoring wells were installed during the FCS preliminary source investigations.
- In 2007, 63 additional monitoring wells were installed across the site.
- In 2008, five additional monitoring wells were installed to locate the edges of plumes of contaminated groundwater for risk-screening purposes.
- In 2009, nine additional monitoring wells were installed as part of the 1,2,3-trichloropropane (TCP) investigation and the trichloroethene (TCE) and diesel-range organics (DRO) plume delineation.
- In 2010, two deep monitoring wells were installed and added to the sampling plan to ensure that the contamination was not reaching the Fort Wainwright potable water production well that is located just outside the fence line on the northeast boundary of the FCS.

The *2008 Work Plan for Fall Remedial Investigation Activities* (USACE 2008a) presents the rationale for 33 monitoring wells currently sampled in the spring and fall of each year. These monitoring wells are on a semiannual sampling program for gasoline-range organics (GRO), DRO, residual-range organics (RRO), volatile organic compounds (VOC), semivolatile organic compounds (SVOC), polychlorinated biphenyls (PCB), Resource Conservation and Recovery Act (RCRA) metals, pesticides, herbicides, and explosives. The nine additional wells installed in 2009 were added to the biannual sampling plan for DRO, RRO, VOCs, and polycyclic aromatic hydrocarbons (PAH). The two deep monitoring wells installed in 2010 were added to the semiannual sampling plan for DRO, RRO, VOCs, SVOCs, RCRA metals, pesticides, and herbicides.

1.3 PROJECT OBJECTIVES

The primary project objectives for 2011 are:

- To conduct groundwater sampling and analysis to evaluate the current contamination levels and trends in the groundwater at the FCS; and
- To determine whether changes had occurred since previous investigations at the site.

1.4 SCOPE OF WORK

The definable features of work applicable to this project include:

- Sampling of environmental media (groundwater); and
- Managing investigation-derived waste.

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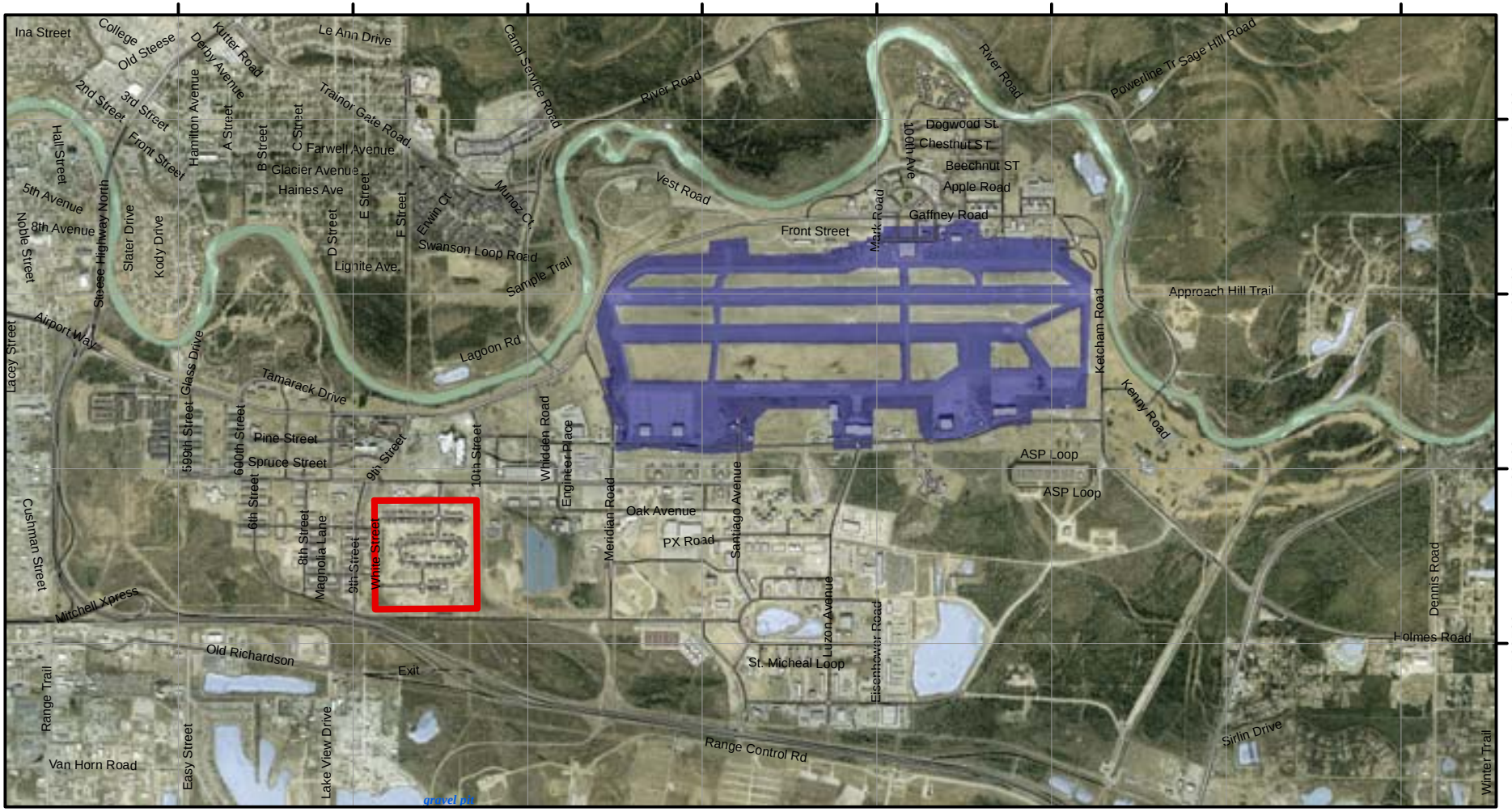

Legend

- Taku Gardens Site
- Existing Buildings
- Ladd Airfield
- Chena River
- Lakes
- Roads

All Locations Are Approximate

0 0.25 0.5 0.75 1

Miles

WGS 1984 UTM Zone 6N Transverse Mercator

N

TAKU GARDENS
LOCATION AND VICINITY

FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE:	PROJECT MANAGER:	FIGURE NO:
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2.0 REGULATORY CRITERIA

To evaluate the current contaminant levels and trends of the plumes at the site, results were compared to cleanup levels from the Alaska Department of Environmental Conservation (ADEC) 18 Alaska Administrative Code (AAC) 75.345, Table C, groundwater cleanup levels (ADEC 2008).

Groundwater samples were analyzed for various compounds based on which analytes had been detected during previous sampling events and the Remedial Investigation (RI) (USACE 2008b). A list of the analyses conducted for each monitoring well is provided in Table 3-1.

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3.0 PROJECT EXECUTION APPROACH

Two groundwater monitoring events took place at the FCS during 2011. The spring monitoring event was conducted between 11 and 31 July, and the fall monitoring event was conducted between 3 and 15 of October.

3.1 WORK PLAN DEVIATIONS

This section describes the deviations from the Work Plan (USCE 2011) that occurred during the FCS 2011 groundwater sampling efforts and included the following:

- The well sampling field forms were not completely filled out by the sampling team. Missing information such as purge flow rates, drawndown measurements, depth of tubing during sampling, and field parameters was not available for some of the wells.
- The Work Plan (USACE 2011) specified purge (0.132 gallons per minute) flow rate was exceeded during purging and sampling of several wells.
- Non-standard notations were used on the well sampling field forms.

Due to the deviations from the Work Plan, sample results required qualification. Although the majority of the qualified data is usable and considered estimated, some results were rejected. Table 3-1 lists the sampling locations where associated results will be qualified with the “SJ-" data flag as estimated data. Table 3-2 lists the sampling locations where associated results will be qualified with the “R" data flag as rejected data. Table 3-3 lists the sampling locations where non-standard notations were made that did not require result qualification.

Table 3-1
Wells with Deviations from the Work Plan that Resulted in Qualified Data

Well ID	Sampling Event	Deviation from Work Plan	Qualifier Applied to All Results
MW12	Spring 2011	PF	SJ-
MW56	Spring 2011	PF	SJ-
MW58	Spring 2011	PF	SJ-
MW3	Fall 2011	MM	SJ-
MW12	Fall 2011	DT, ID, PF	SJ-
MW26	Fall 2011	MM	SJ-
MW28	Fall 2011	DD	SJ-
MW32	Fall 2011	DD, ID	SJ-

Table 3-1
Wells with Deviations from the Work Plan that Resulted in Qualified Data (Continued)

Well ID	Sampling Event	Deviation from Work Plan	Qualifier Applied to All Results
MW36	Fall 2011	DD, PF	SJ-
MW45	Fall 2011	DD, ID	SJ-
MW48	Fall 2011	DD, ID, PF	SJ-
MW58	Fall 2011	Sampled From Bottom of well	SJ-
MW61	Fall 2011	DD, ID, MM	SJ-
MW76	Fall 2011	ID	SJ-
MW81	Fall 2011	ID, MM	SJ-
MW82	Fall 2011	DD, PF	SJ-

Notes:
SJ- = The result is considered estimate and potentially biased low due to sample collection techniques.
DD = Draw down was not measured during well purging
DT = Depth of tubing not recorded or sampling occurred outside of the screened interval
ID = Incomplete documentation. Well sampling form not completely filled out
MM = The pH and oxidation/reduction potential meters malfunctioned and did not produce reliable results
PF = Purge flow rate exceeded the work plan maximum rate of 0.132 gallons per minute or was not recorded and less than three casing volumes were purged

Table 3-2
Wells with Deviations from the Work Plan that Resulted in Rejected Data

Well ID	Sampling Event	Deviation from Work Plan	Results Replaced with Qualifier
MW47	Spring 2011	PF	R
MW78	Spring 2011	DT	R
MW91	Spring 2011	PF	R
MW92	Spring 2011	PF	R
MW78	Fall 2011	DT, ID	R
MW91	Fall 2011	PF	R
MW92	Fall 2011	PF	R

Notes:
DT = Depth of tubing not recorded or sampling occurred outside of the screened interval
ID = Incomplete documentation. Well sampling form not completely filled out
PF = Purge flow rate exceeded the work plan maximum rate of 0.132 gallons per minute or was not recorded and less than three casing volumes were purged

Table 3-3 Wells with Deviations from the Work Plan that Did Not Result in Data Qualification

Well ID	Sampling Event	Deviation from Work Plan
MW80	Spring 2011	Depth of tubing at the top of the screen during sampling
MW8	Fall 2011	Product thickness recorded when no sheen was seen
MW33	Fall 2011	Non-standard drawdown notation and malfunctioning pH and ORP meter
MW35	Fall 2011	Drawdown not recorded
MW37	Fall 2011	Drawdown not recorded
MW38	Fall 2011	Drawdown not recorded
MW39	Fall 2011	Drawdown not recorded
MW43	Fall 2011	Non-standard drawdown notation
MW53	Fall 2011	Drawdown not recorded
MW56	Fall 2011	Drawdown not recorded
MW57	Fall 2011	Drawdown not recorded
MW64	Fall 2011	Drawdown not recorded
MW69	Fall 2011	Drawdown not recorded
MW70	Fall 2011	Drawdown not recorded
MW77	Fall 2011	Drawdown not recorded
MW80	Fall 2011	Drawdown not recorded
MW83	Fall 2011	Drawdown not recorded
MW84	Fall 2011	Drawdown not recorded and purge flow exceeded Work Plan maximum flow rate of 0.132 gallons per minute
MW86	Fall 2011	Drawdown not recorded
MW87	Fall 2011	Drawdown not recorded
MW88	Fall 2011	Drawdown not recorded
MW89	Fall 2011	Drawdown not recorded

3.2 SEMIANNUAL MONITORING EVENTS

In the spring of 2011, 44 wells were sampled. During the fall of 2011, 45 wells were sampled. 2011 sampling included the 33 wells sampled in 2008 and 2009, the nine wells installed and sampled in 2009, and the two deep monitoring wells installed in 2010 (Figure 3-1). The deep monitoring wells were screened from 50 to 70 feet (MW91) and 40 to 60 feet (MW92). MW28 was sampled during the fall event, in conjunction with the excavation activities near Building 08, in order to determine whether the DRO plume extended farther west than originally thought. The analytes sampled from each well were based on the contaminants of concern observed in previous investigations.

The natural attenuation parameters included in the 2010 sampling events were not included during the 2011 sampling events. These parameters were collected for use in the FCS Groundwater Summary Report (to be released in 2012). Additionally, the deep monitoring wells (MW91 and MW92) were only analyzed for VOCs and SVOCs in spring 2011; in fall 2011 they were analyzed for the full suite of analyses. All wells sampled and the methods analyzed for each well are listed in Table 3-4.

In accordance with the *Fort Wainwright Post Wide Work Plan* (USACE 2011), sampling was conducted using dedicated Teflon®-lined tubing for each well and a peristaltic pump. A Waterra pump was used for the deep monitoring wells. An electronic oil-water interface probe was used to measure depth to groundwater and determine whether any petroleum, oil, and lubricants (POL) product was present. Each well was purged until well parameters stabilized or a minimum of three well-casing volumes with drawdown not exceeding 4 inches had been purged. During well purging, temperature, conductivity, pH, dissolved oxygen, redox potential, and turbidity parameters were recorded until stable limits were obtained.

Table 3-4
2011 Groundwater Monitoring Sampling Plan

Location ID	Subarea	Sample ID	Field QA/QC	GRO AK101	DRO/RRO 102/103	Metals SW6010/SW6020/ SW7470	Pesticides SW8081A	PCB SW8082	Herbicides SW8151	VOC SW8260	Low-level VOC SW8260 SIM[a]	SVOC SW8270C	PAH SW8270 SIM	Explosives SW8321
MW08	A	11FWAMW08-GW		X	X	X	X		X	X	X	X	X	X
MW39	A	11FWAMW39-GW		X	X	X	X		X	X	X	X	X	X
MW39	A	11FWAMW39-GWB	field duplicate	X	X	X	X		X	X	X	X	X	X
MW39	A	11FWAMW39-GW	matrix spike	X	X	X	X		X	X	X	X	X	X
MW39	A	11FWAMW39-GW	matrix spike duplicate	X	X	X	X		X	X	X	X	X	X
MW40	A	11FWAMW40-GW		X	X	X	X		X	X	X	X	X	X
MW43	A	11FWAMW43-GW		X	X	X	X		X	X	X	X	X	X
MW45	A	11FWAMW45-GW		X	X	X	X		X	X	X	X	X	X
MW47	A	11FWAMW47-GW		X	X	X	X		X	X	X	X	X	X
MW48	A	11FWAMW48-GW		X	X	X	X		X	X	X	X	X	X
MW53	A	11FWAMW53-GW		X	X	X	X		X	X	X	X	X	X
MW56	A	11FWAMW56-GW		X	X	X	X		X	X	X	X	X	X
MW57	A	11FWAMW57-GW		X	X	X	X		X	X	X	X	X	X
MW61	A	11FWAMW61-GW		X	X	X	X		X	X	X	X	X	X
MW62	A	11FWAMW62-GWB		X	X	X	X		X	X	X	X	X	X
MW62	A	11FWAMW62-GW	field duplicate	X	X	X	X		X	X	X	X	X	X
MW62	A	11FWAMW62-GW	matrix spike	X	X	X	X		X	X	X	X	X	X
MW62	A	11FWAMW62-GW	matrix spike duplicate	X	X	X	X		X	X	X	X	X	X
MW69	A	11FWAMW69-GW		X	X	X	X		X	X	X	X	X	X
MW70	A	11FWAMW70-GW		X	X	X	X		X	X	X	X	X	X
MW78	A	11FWAMW78-GW		X	X	X	X		X	X	X	X	X	X

Table 3-4
2011 Groundwater Monitoring Sampling Plan (Continued)

Location ID	Subarea	Sample ID	Field QA/QC	GRO AK101	DRO/RRO 102/103	Metals SW6010/SW6020/ SW7470	Pesticides SW8081A	PCB SW8082	Herbicides SW8151	VOC SW8260	Low-level VOC SW8260 SIM[a]	SVOC SW8270C	PAH SW8270 SIM	Explosives SW8321
MW79	A	11FWAMW79-GW		X	X	X	X		X	X	X	X	X	X
MW80	A	11FWAMW80-GW		X	X	X	X		X	X	X	X	X	X
MW91	A	11FWAMW91-GW		X	X	X	X		X	X	X	X	X	X
MW92	A	11FWAMW92-GW		X	X	X	X		X	X	X	X	X	X
MW06A	B	11FWAMW06A-GW		X	X	X	X		X	X	X	X	X	X
MW12	B	11FWAMW12-GW		X	X	X	X		X	X	X	X	X	X
MW12	B	11FWAMW12-GWB	field duplicate	X	X	X	X		X	X	X	X	X	X
MW26	B	11FWAMW26-GW		X	X	X	X		X	X	X	X	X	X
MW28	B	11FWAMW28-GW		X	X	X	X		X	X	X	X	X	X
MW33	B	11FWAMW33-GW		X	X	X	X		X	X	X	X	X	X
MW35	B	11FWAMW35-GW		X	X	X	X		X	X	X	X	X	X
MW36	B	11FWAMW36-GW		X	X	X	X		X	X	X	X	X	X
MW37	B	11FWAMW37-GW		X	X	X	X		X	X	X	X	X	X
MW38	B	11FWAMW38-GW		X	X	X	X		X	X	X	X	X	X
MW58	B	11FWAMW58-GW		X	X	X	X		X	X	X	X	X	X
MW64	B	11FWAMW64-GW		X	X	X	X		X	X	X	X	X	X
MW64	B	11FWAMW64-GWB	field duplicate	X	X	X	X		X	X	X	X	X	X
MW64	B	11FWAMW64-GW	matrix spike	X	X	X	X		X	X	X	X	X	X
MW64	B	11FWAMW64-GW	matrix spike duplicate	X	X	X	X		X	X	X	X	X	X
MW77	B	11FWAMW77-GW		X	X	X	X		X	X	X	X	X	X
MW77	B	11FWAMW77-GW	matrix spike											X

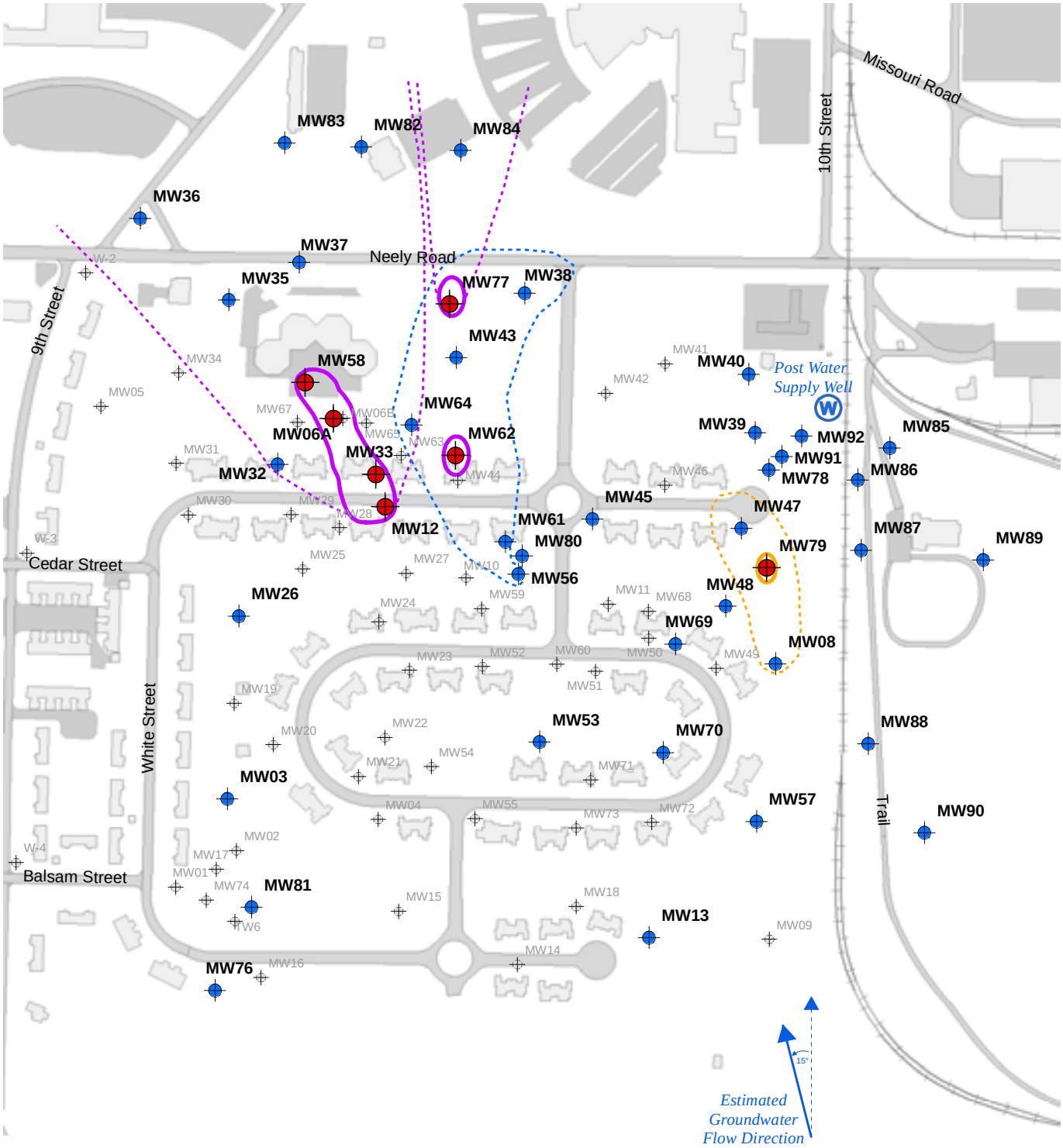
Table 3-4
2011 Groundwater Monitoring Sampling Plan (Continued)

Location ID	Subarea	Sample ID	Field QA/QC	GRO AK101	DRO/RRO 102/103	Metals SW6010/SW6020/ SW7470	Pesticides SW8081A	PCB SW8082	Herbicides SW8151	VOC SW8260	Low-level VOC SW8260 SIM[a]	SVOC SW8270C	PAH SW8270 SIM	Explosives SW8321
MW77	B	11FWAMW77-GW	matrix spike duplicate											X
MW32	C	11FWAMW32-GW		X	X	X	X		X	X	X	X	X	X
MW13	D	11FWAMW13-GW		X	X	X	X	X	X	X	X	X	X	
MW03	E	11FWAMW03-GW		X	X	X	X	X	X	X	X	X	X	
MW03	E	11FWAMW03-GWB	field duplicate (PCB only)	X	X	X	X	X	X	X	X	X	X	
MW03	E	11FWAMW03-GW	matrix spike (PCB only)					X						
MW03	E	11FWAMW03-GW	matrix spike duplicate (PCB only)					X						
MW76	E	11FWAMW76-GW		X	X	X	X	X	X	X	X	X	X	
MW81	E	11FWAMW81-GW		X	X	X	X	X	X	X	X	X	X	
MW82	T	11FWAMW82-GW			X					X	X		X	
MW83	T	11FWAMW83-GW			X					X	X		X	
MW84	T	11FWAMW84-GW			X					X	X		X	
MW85	T	11FWAMW85-GW			X					X	X		X	
MW85	T	11FWAMW85-GWB	field duplicate		X					X	X		X	
MW85	T	11FWAMW85-GW	matrix spike		X					X	X		X	
MW85	T	11FWAMW85-GW	matrix spike duplicate		X					X	X		X	
MW86	T	11FWAMW86-GW			X					X	X		X	
MW87	T	11FWAMW87-GW			X					X	X		X	
MW88	T	11FWAMW88-GW			X					X	X		X	

Table 3-4
2011 Groundwater Monitoring Sampling Plan (Continued)

Location ID	Subarea	Sample ID	Field QA/QC	GRO AK101	DRO/RRO 102/103	Metals SW6010/SW6020/ SW7470	Pesticides SW8081A	PCB SW8082	Herbicides SW8151	VOC SW8260	Low-level VOC SW8260 SIM[a]	SVOC SW8270C	PAH SW8270 SIM	Explosives SW8321
MW89	T	11FWAMW89-GW			X					X	X		X	
MW90	T	11FWAMW90-GW			X					X	X		X	

Notes:
The last letter in the Sample ID was S for the spring 2011 sampling event and F for the fall 2011 sampling event.
* Method SW8330 was run in the fall 2011 sampling event but not in the spring 2011 sampling event. The corrected explosives method was SW8321.
MW91 and MW92 were only sampled for SW8260 and 8260LL in the spring 2011 sampling event.
MW28 was only sampled in the fall 2011 sampling event



DRO Above ADEC Criteria (Plume Area)

TCP Above ADEC Criteria (Plume Area)

DRO Below ADEC Criteria (Leading Plume Edge)

TCE Below ADEC Criteria (Leading Plume Edge)

TCP Below ADEC Criteria (Leading Edge of Plume)

Monitoring Well Sampled in 2011 - Exceedance

Monitoring Well Sampled in 2011 - No Exceedance

Monitoring Well

Post Water Supply Well

Railroad

Building

Road or Trail

* TCP: 1,2,3-Trichloropropane

All Locations Are Approximate

0 250 500 750 1,000

Feet

WGS 1984 UTM Zone 6N Transverse Mercator

N

2011 FORMER COMMUNICATIONS SITE PLUME BOUNDARIES

FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 02 Mar 2012	PROJECT MANAGER: T. HEIKKILA	FIGURE NO: 3

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4.0 RESULTS

This section presents analytical results for the semiannual sampling events of the spring and fall 2011.

4.1 ANNUAL MONITORING EVENTS

Groundwater samples were collected at the FCS from a total of 44 wells during the spring and 45 wells during the fall events of 2011. Sample results for spring and fall events that exceeded the ADEC cleanup criteria are presented in Tables 4-1 and 4-2, respectively. Figures 4-1 and 4-2 present the current groundwater plumes and locations of those exceedances. Appendix B presents all data and laboratory documentation.

Explosive residual analytes were observed in three wells during the spring event and one well during the fall event. However, in each well where explosive residuals were detected above cleanup criteria, there were also exceedances of DRO, indicating that the results were due to interference from DRO. Since no explosive compounds have been present in these wells previously, there is no reason for their current occurrence. It was determined that the explosive residual analyte exceedances were due the method used (SW8330) and the resulting interference from POL contamination present in the samples. This was corrected during the fall event by switching to Method SW8321. No explosives residual were detected above criteria after switching to Method SW8321. Results from Method SW8330 have been removed from the exceedance tables, but are included in the complete analytical results (Appendix B).

An SVOC (bis-[2-Ethylhexyl]phthalate) result was removed from the exceedance table due to consistent concentrations across all wells, indicating laboratory contamination and not contamination in the groundwater. These results are discussed in further detail in the Data Quality Assessment (Appendix B). Arsenic was observed above ADEC cleanup criteria in 11 (10 primary and 1 duplicate) groundwater samples during the spring event and 14 (13 primary and 1 duplicate) groundwater samples during the fall event. However, arsenic naturally occurs in the area at average concentrations of 0.036 milligrams per liter (mg/L). All sample results

that exceeded ADEC criteria for arsenic were below the background level, and therefore arsenic is not considered a contaminant of concern at the FCS (USACE 1994). Arsenic exceedances have been omitted from the ADEC exceedance tables, but are included with the complete analytical results (Appendix B).

Table 4-1
Former Communications Site Spring Groundwater Sample Exceedances

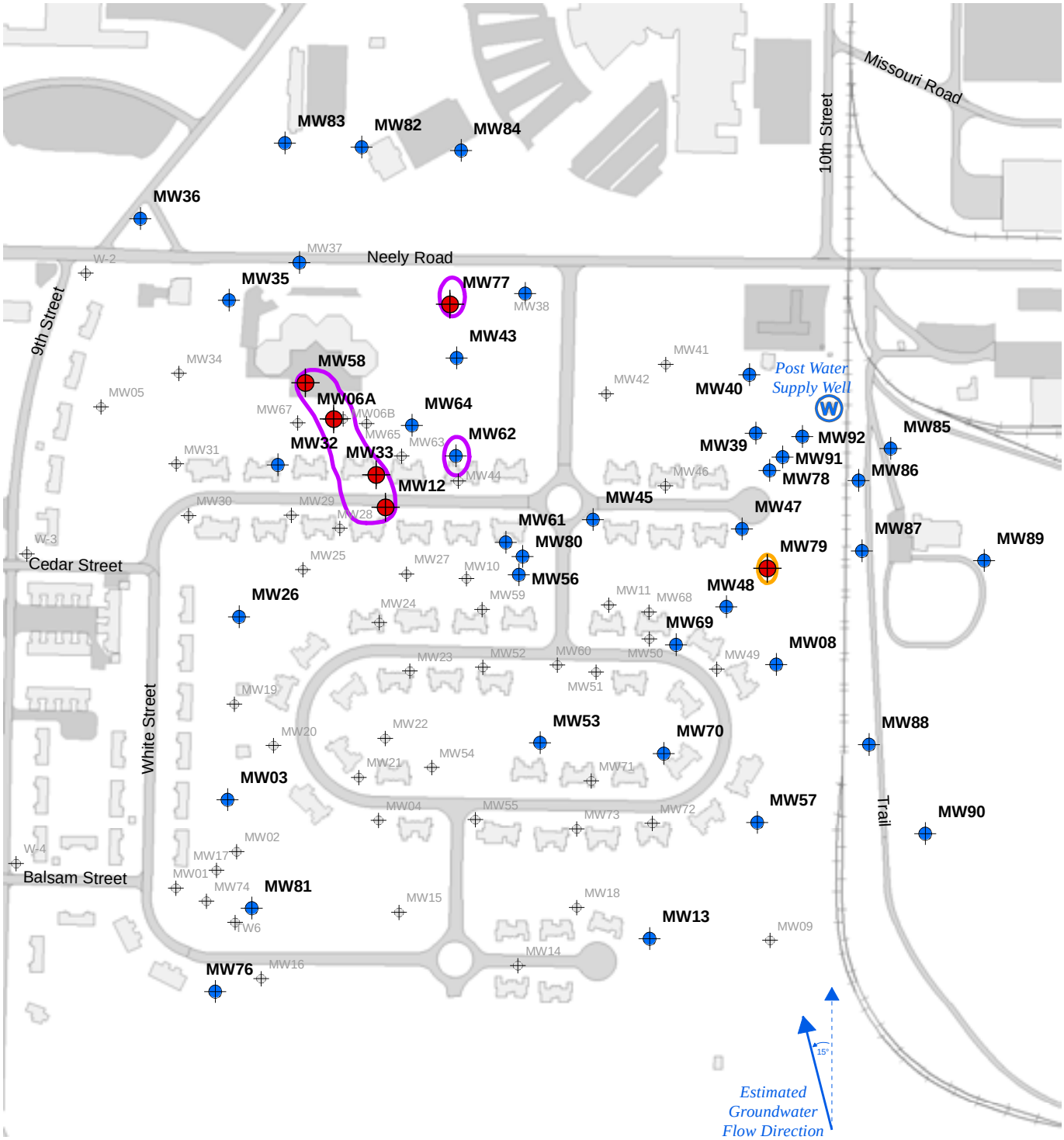
Location	Sample ID	Analyte	ADEC Action Level (mg/L)	Result (mg/L)
MW06A	11FWAMW06A-GWS	Diesel-Range Organics (C10-C25)	1.5	3.2
MW12	11FWAMW12-GWS	Residual-Range Organics (C25-C36)	1.1	1.3
	11FWAMW12-GWBS	Residual-Range Organics (C25-C36)	1.1	1.3
	11FWAMW12-GWBS	Diesel-Range Organics (C10-C25)	1.5	9.5
	11FWAMW12-GWS	Diesel-Range Organics (C10-C25)	1.5	9.8
MW33	11FWAMW33-GWS	Diesel-Range Organics (C10-C25)	1.5	6.7 JL-
MW58	11FWAMW58-GWS	Diesel-Range Organics (C10-C25)	1.5	2.2
MW77	11FWAMW77-GWS	Diesel-Range Organics (C10-C25)	1.5	1.6
MW79	11FWAMW79-GWS	1,2,3-Trichloropropane	0.00012	0.00034

Notes:
18 AAC 75, Table C, Groundwater Cleanup Levels (ADEC 2008)
JL- = The result is potentially biased low due to laboratory control sample failure.
mg/L = milligrams per liter

Table 4-2
Former Communications Site Fall Groundwater Sample Exceedances

Location ID	Sample ID	Analyte	ADEC Action Level	Result (mg/L)
MW06A	11FWAMW06A-GWF	Diesel-Range Organics (C10-C25)	1.5	5.2 JS+
MW12	11FWAMW12-GWF	Residual-Range Organics (C25-C36)	1.1	1.3
	11FWAMW12-GWF	Diesel-Range Organics (C10-C25)	1.5	12
	11FWAMW12-GWBF	Residual-Range Organics (C25-C36)	1.1	1.3
	11FWAMW12-GWBF	Diesel-Range Organics (C10-C25)	1.5	13
MW33	11FWAMW33-GWF	Residual-Range Organics (C25-C36)	1.1	3.2
	11FWAMW33-GWF	Diesel-Range Organics (C10-C25)	1.5	22
MW62	11FWAMW62-GWF	Residual-Range Organics (C25-C36)	1.1	5
	11FWAMW62-GWF	Diesel-Range Organics (C10-C25)	1.5	18
MW77	11FWAMW77-GWF	Diesel-Range Organics (C10-C25)	1.5	4.2
MW79	11FWAMW79-GWF	1,2,3-Trichloropropane	0.00012	0.00038

Notes:
18 AAC 75, Table C, groundwater cleanup levels (ADEC 2008)
JS+ = The result is potentially biased high due to surrogate recovery failure
mg/L = milligram per liter



DRO Above ADEC Criteria (Plume Area)

TCP Above ADEC Criteria (Plume Area)

Building

Road or Trail

Railroad

Monitoring Well Sampled in Spring 2011 - Exceedance

Monitoring Well Sampled in 2011 - No Exceedance

Monitoring Well

Post Water Supply Well

All Locations Are Approximate

0 250 500 750 1,000

Feet

WGS 1984 UTM Zone 6N Transverse Mercator

N

* TCP: 1,2,3-Trichloropropane

2011 FORMER COMMUNICATIONS SITE
SPRING GROUNDWATER MONITORING ADEC EXCEEDANCES

FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE:	PROJECT MANAGER:	FIGURE NO:
	02 Mar 2012	T. HEIKKILA	4-1

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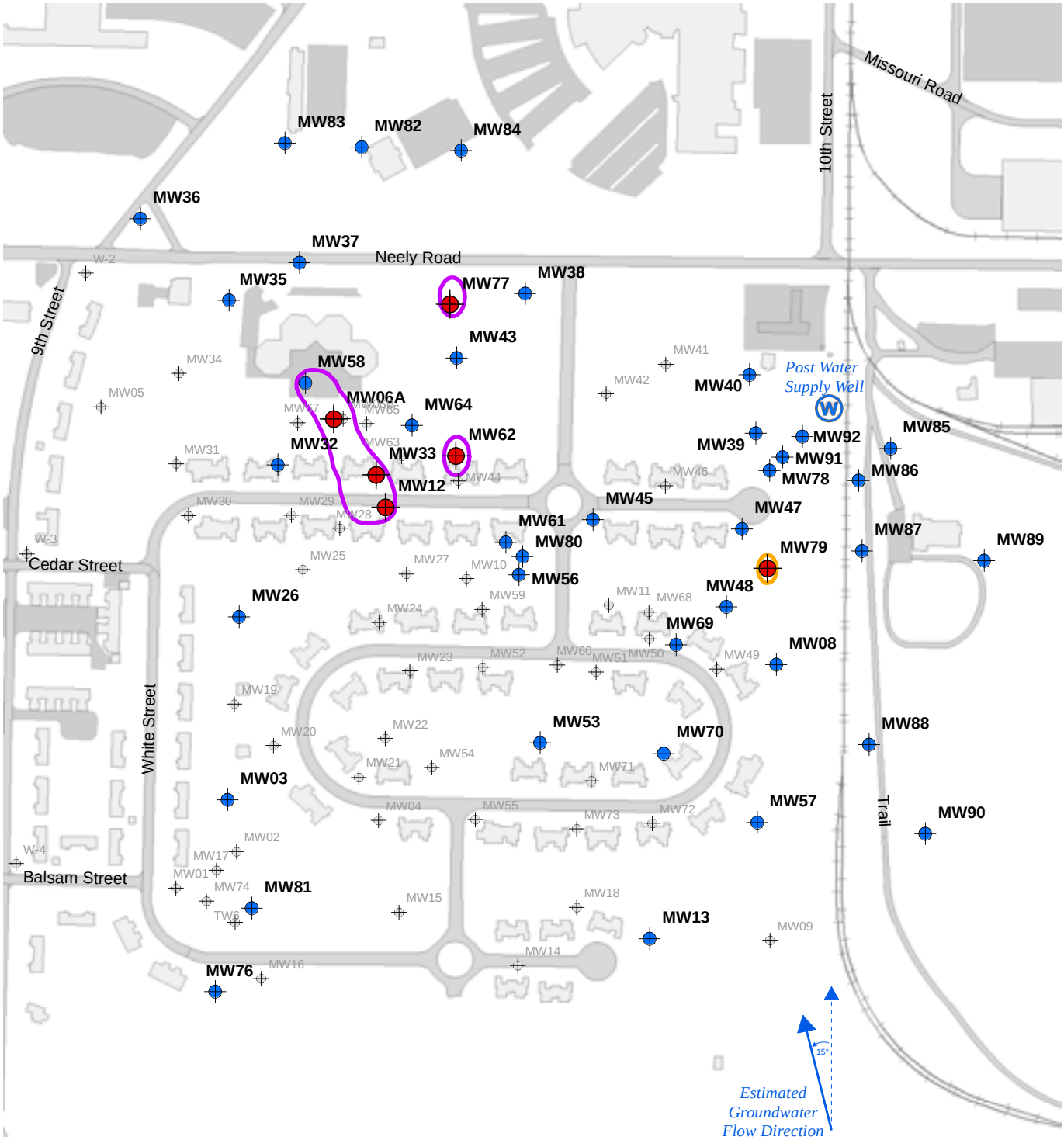

DRO Above ADEC Criteria (Plume Area)

TCP Above ADEC Criteria (Plume Area)

Building

Road or Trail

Railroad

Monitoring Well Sampled in Fall 2011 - Exceedance

Monitoring Well Sampled in 2011 - No Exceedance

Monitoring Well

Post Water Supply Well

All Locations Are Approximate

0 250 500 750 1,000

Feet

WGS 1984 UTM Zone 6N Transverse Mercator

N

* TCP: 1,2,3-Trichloropropane

2011 FORMER COMMUNICATIONS SITE
FALL GROUNDWATER MONITORING ADEC EXCEEDANCES

FORT WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS	DATE: 02 Mar 2012	PROJECT MANAGER: T. HEIKKILA	FIGURE NO: 4-2

P:\Taku Gardens\MXD\Taku GWMP Plumes Fall.mxd beatyci

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5.0 WASTE MANAGEMENT

Wastewater generated during these events was containerized in 55-gallon drums. Results from the sampling events were used for characterization purposes (Appendix B). The wastewater from the spring 2011 sampling event was transferred to Environmental Compliance Consultants for disposal, and the wastewater from the fall 2011 sampling event is currently staged at the DERA Building on FWA awaiting final disposal. Other investigation-derived waste (i.e., gloves, spoons, paper towels, etc.) was disposed of at the Fairbanks North Star Borough landfill.

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6.0 CONCLUSIONS

The primary project objectives in 2011 were to sample and analyze groundwater from across the FCS in order to evaluate current contaminant levels, evaluate the contaminant trends within the plumes, and determine whether changes had occurred since previous investigations at the site. The project objectives were met. Forty-four wells and forty-five wells were sampled and analyzed in spring and fall, respectively. Exceedances from both events were reported on a site map where they will be compared to previous and future sample results in order to identify changes in contaminant levels over time.

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7.0 REFERENCES

ADEC (Alaska Department of Environmental Conservation). 2009 (February). *Monitoring Well Guidance*. Division of Spill Prevention and Response Contaminated Sites Program.

ADEC. 2008 (October). *Oil and Other Hazardous Pollution Control Regulations—Discharge Reporting, Cleanup, and Disposal of Oil and Other Hazardous Substances*. 18 AAC 75.

CH2M HILL 2008 (January). *Revised Interim Draft Remedial Investigation Work Plan*. Fort Wainwright, Alaska.

USACE (U.S. Army Corps of Engineers, Alaska District). 2011 (March). *Fort Wainwright Post Wide Work Plan*. Fort Wainwright, Alaska. Prepared by Jacobs Engineering Group Inc.

USACE. 2010 (July). *Draft Taku Gardens Groundwater Monitoring Work Plan Addendum*. Fort Wainwright, Alaska. Prepared by Jacobs Engineering Group Inc.

USACE. 2008a (September). *Work Plan for Fall 2008 Remedial Investigation Activities, Former Communications Site* (Taku Gardens). Technical Memorandum. Fort Wainwright, Alaska. Prepared by CH2MHill.

USACE. 2008b (August). *Former Communications Site Drum and Debris Investigation Work Plan.* Final. Fort Wainwright, Alaska. Prepared by Jacobs Engineering Group Inc.

USACE. 1994 (March). *Background Data Analysis for Arsenic, Barium, Cadmium, Chromium, and Lead on Fort Wainwright, Alaska.*

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APPENDIX A

Photograph Log

Taku Gardens Groundwater Monitoring
Fort Wainwright, Alaska

Photo No. 1
Stabilizing well parameters. Spring 2011 sampling event. View facing northwest.

Photo No. 2
Collecting samples. Spring 2011 sampling event. View facing east.

Photo No. 3
View of a flush-mount monitoring well. Fall 2011 sampling event.

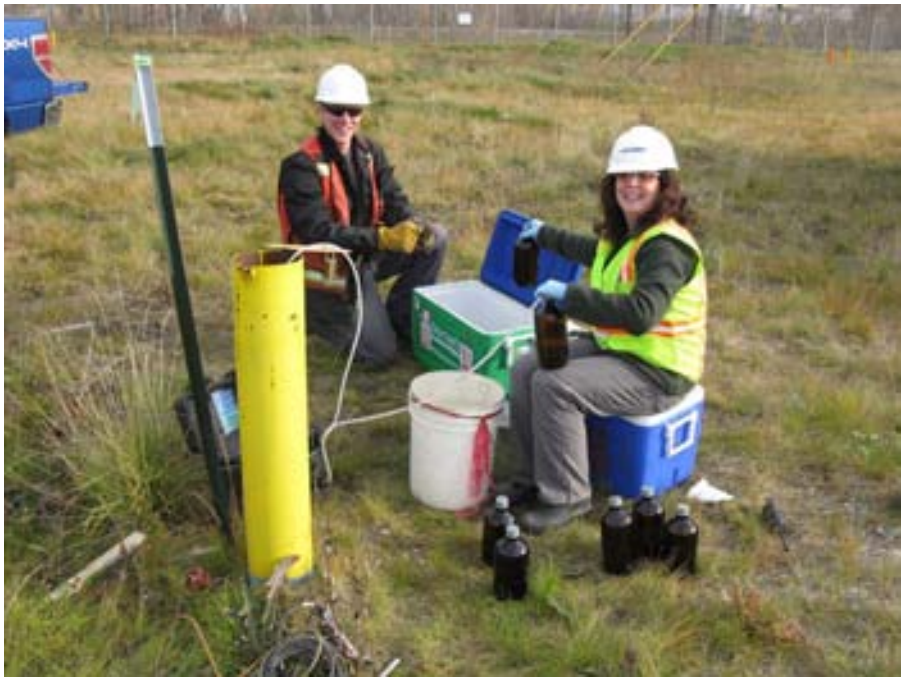

Photo No. 4
Collecting samples. Fall 2011 sampling event. View facing east.

Photo No. 5
Collecting samples from the deep monitoring well. Fall 2011 sampling event. View facing east.

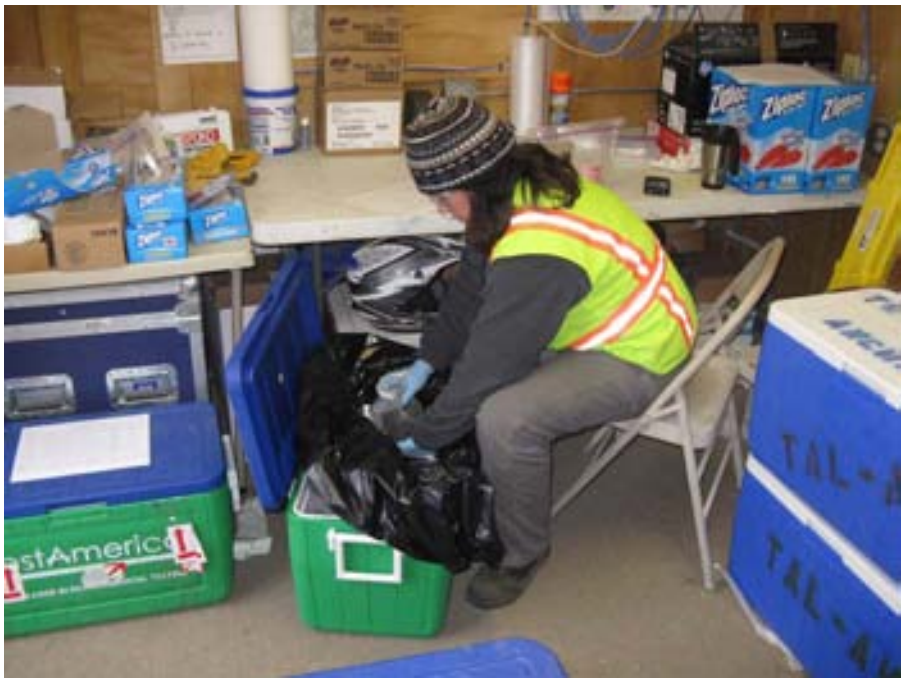

Photo No. 6
Packing sample coolers. Fall 2011 sampling event.

APPENDIX B

Data Quality Assessment

DEPARTMENT OF THE ARMY
INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, U.S. ARMY GARRISON, FORT WAINWRIGHT

FORMER COMMUNICATIONS SITE
2011 GROUNDWATER MONITORING REPORT
FORT WAINWRIGHT, ALASKA

APPENDIX B – DATA QUALITY ASSESSMENT

FINAL

JULY 2012

U.S. Army Corps of Engineers, Alaska District
Environmental Remediation Services
Contract No. W911KB-06-D-0006
Task Order No. 07

Prepared by
Jacobs Engineering Group Inc.
4300 B Street, Suite 600
Anchorage, Alaska 99503

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ATTACHMENTS

Attachment B-1 Sample Summary and Analytical Data Tables

Attachment B-2 Qualified Data Tables

Attachment B-3 Alaska Department of Conservation Laboratory Data Review Checklists

Attachment B-4 Laboratory Deliverables *(Provided separately on CD)*

ACRONYMS AND ABBREVIATIONS

ADEC	Alaska Department of Environmental Conservation
CCV	continuing calibration verification
DL	detection limit
DoD	U.S. Department of Defense
DRO	diesel-range organics
DQA	Data Quality Assessment
DQO	data quality objective
EDB	dibromoethane
EPA	U.S. Environmental Protection Agency
FCS	Former Communications Site
GRO	gasoline-range organics
ICV	initial calibration value
Jacobs	Jacobs Engineering Group Inc.
LCL	lower control limit
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LOQ	limit of quantitation
mg/L	milligrams per liter
MS	matrix spike
MSD	matrix spike duplicate
PCE	tetrachloroethene
QC	quality control
QSM	Quality Systems Manual
RPD	relative percent difference
RRO	residual-range organics
SVOC	semivolatile organic compounds
TCE	trichloroethene
UCL	upper control limit
USACE	U.S. Army Corps of Engineers
VOC	volatile organic compounds
°C	degree Celsius

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1.0 INTRODUCTION

This Data Quality Assessment (DQA) was performed to assess the overall quality and usability of the data collected to support the biannual groundwater sampling events at the Former Communications Site (FCS) on Fort Wainwright, Alaska. TestAmerica Laboratories of Tacoma, Washington provided the primary analytical support, with TestAmerica Laboratories of Denver, Colorado (nitroaromatic explosive analyses) providing secondary support.

This DQA includes the sample summary and analytical data tables (Attachment B-1), sample results that did not meet the project data quality objectives (DQO) (Attachment B-2), and Alaska Department of Environmental Conservation (ADEC) Laboratory Data Review Checklists for each sample delivery group (Attachment B-3). Laboratory data files are provided electronically in separate files (Attachment B-4).

Jacobs Engineering Group Inc. (Jacobs) performed a data review, DQA, and completed ADEC laboratory data review checklists for the records associated with the analytical data. The data review and DQA were performed in accordance with the *Fort Wainwright Post Wide Work Plan*, Fort Wainwright, Alaska (U.S. Army Corps of Engineers, Alaska [USACE] 2011) and the *Draft Taku Gardens Groundwater Monitoring Work Plan Addendum*, Fort Wainwright, Alaska (USACE 2010). Results were categorized as acceptable, estimated, or rejected (Section 1.1 of this DQA). A completeness check of the laboratory data was performed to verify that the data packages and electronic files included all information requested.

1.1 DATA REVIEW AND QUALIFICATION

The Jacobs Project Chemist reviewed all analytical data. This evaluation consisted of a review of chain-of-custody and sample receipt records, laboratory case narratives, laboratory data including analytical methodology, sample holding times, laboratory blanks, detection limits (DL), limits of detection (LOD), limit of quantitation (LOQ), surrogate recoveries, laboratory control sample (LCS) recoveries, matrix spike (MS) recoveries, and precision. Analytical

DQOs were considered met when the quality of the sample data met precision, accuracy, representativeness, completeness, comparability, and sensitivity requirements specified in the Work Plan (USACE 2011).

Analytical results were evaluated against DQOs listed in the Work Plan (USACE 2011); the U.S. Department of Defense (DoD) Quality Systems Manual (QSM), version 4.2 (DoD 2010); analytical methods (ADEC 2002; U.S. Environmental Protection Agency [EPA] 1996); and laboratory limits. Table B-1 lists the quality control (QC) criteria for the spring and fall 2010 samples.

Table B-1
Quality Control Criteria Used for Data Quality Assessment – 2011

Analytical Methods													
Sample Type	**AK101[1]**	**AK102[1]**	**AK103[1]**	**SW6010/ SW6020A[2]**	**SW7471A[2]**	**SW8081A[2]**	**SW8082[2]**	**SW8151A[2]**	**SW8260B[2]**	**SW8260B Low Level[2]**	**SW8270C/ SW8270C SIM[2]**	**SW8330[2]**	**SW8321A[2]**
LCS Recovery Limits	60 to 120 %	75 to 125%	60 to 120%	DoD QSM v4.2, Table G-18	DoD QSM v4.2, Table G-18	DoD QSM v4.2, Table G-14	DoD QSM v4.2, Table G-16	DoD QSM v4.2, Table G-8	DoD QSM v4.2, Table G-4	DoD QSM v4.2, Table G-4	DoD QSM v4, Table G-6	DoD QSM v4.2, Table G-12	DoD QSM v4.2, Table G-12
LCS RPD	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
Surrogate Recovery	50 to 150%	50 to 150%	50 to 150%	-	-	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-3	Laboratory Determined	DoD QSM v4.2, Table G-3	DoD QSM v4.2, Table G-3	DoD QSM v4, Table G-3	DoD QSM v4.2, Table G-12	DoD QSM v4.2, Table G-12
MS Recovery	60 to 120 %	75 to 125%	60 to 120%	DoD QSM v4.2, Table G-18	DoD QSM v4.2, Table G-18	DoD QSM v4.2, Table G-14	DoD QSM v4.2, Table G-16	DoD QSM v4.2, Table G-8	DoD QSM v4.2, Table G-4	DoD QSM v4.2, Table G-4	DoD QSM v4, Table G-6	DoD QSM v4.2, Table G-12	DoD QSM v4.2, Table G-12
MS Recovery RPD	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%

Notes:
[1] = Criteria from Alaska Test Methods (ADEC 2002)
[2] = Criteria from the DoD QSM v.4.2 (DoD 2010)
For definitions, see the Acronyms and Abbreviations section

Qualification was not required in the following circumstances:

- Surrogate or MS recoveries were outside QC limits, and the sample was diluted by a factor of 5 or greater.
- MS recoveries were outside QC limits, and the spiked concentration was less than twice that of the parent sample.
- An analyte was detected in the method blank, but there was no detection in the sample.
- MS or LCS recoveries exceeded upper control limits, and there was no detection in the sample(s).
- Continuing calibration verification (CCV) recoveries exceeded upper control limits, and there was no detection in the sample(s).
- Field duplicate relative percent difference (RPD) results exceeded 30 percent and the values were less than the LOQ.

Qualifiers applied to the analytical data set, where appropriate, include the following:

J The analyte was positively identified, but the associated result was less than the LOQ and greater than or equal to the DL.

B The analyte was detected in the method blank or the trip blank above the DL, and the concentration in the sample did not exceed the blank concentration by a factor of 5 (factor of 10 for common laboratory contaminants acetone and methylene chloride).

+ The result was biased high.

– The result was biased low.

JTE The cooler temperature blank, upon receipt at the laboratory, exceeded 6 degrees Celsius (°C).

JL(±) The result was an estimated value because the analyte failed recovery criteria in the LCS or LCS duplicate (LCSD) sample or both. The result was either biased low because the LCS and LCSD recovery was less than the lower control limit (LCL), or the result was biased high because the recovery exceeded the upper control limit (UCL).

JM(±) The result was an estimated value because the analyte failed recovery criteria in the MS or MS duplicate (MSD) sample or both. The MS sample recoveries were only evaluated if the spike concentration exceeded the native sample concentration by a factor of 2 or greater than a factor of 2.

JS(±) The result was an estimated value because at least one surrogate failed recovery criteria for that sample, or two or more surrogates failed only for methods SW8260B and SW8270C.

JH The numerical result was considered an estimate because the analysis was performed at greater than the method holding time and less than twice the method holding time.

JD The result was qualified because the RPD between the regular sample and the field duplicate sample exceeded 30 percent when the results were greater than the LOQ.

R The result was rejected. A rejected result was not usable and therefore was deleted from the report.

E The result is nondetect and the limit of detection exceeds the ADEC groundwater cleanup level.

Data may be rejected on the following grounds:

- Initial calibration (per compound) criteria was not met
- Continuing calibration (per compound) was not verified
- All samples that were not detected where the continuing calibration recovery was less than control limits
- Any compound where the LCS recovery was less than 10 percent
- The sample holding time was greater than two times the method-specified holding time
- Surrogate recovery of less than 10 percent and a dilution factor of 5 or less

Completeness is a quantitative evaluation indicating the percentage of the data that was considered usable (not rejected) for the intent of the project. The completeness goal was considered met when 95 percent of sample data was not rejected. During the spring 2011 sampling event, 20 results for the semivolatile organic compound (SVOC) 3,3'-dichlorobenzidine, 17 results for the SVOC compound 4-chloroaniline, and one result for the SVOC compound benzidine were rejected (flagged R), resulting in a greater than 98 percent completeness for SVOC results. During the fall 2011 sampling, two results for the SVOC compound 3,3'-dichlorobenzidine were rejected (flagged R), resulting in a greater than 99 percent completeness for semivolatile organics results. All other parameter results were 100 percent complete; therefore, the completeness goal of 95 percent for all parameters was met.

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2.0 DATA QUALITY SUMMARY

A review of the analytical results and associated QC samples found the overall quality of the project data to be acceptable. These data are considered usable with the limitations discussed in this DQA and the ADEC checklists. Sample results that did not meet project DQOs are qualified as described in Section 1.1. Attachment B-2 presents all qualified results, and Attachment B-3 presents all laboratory data review checklists.

2.1 FIELD QUALITY CONTROL SAMPLE COLLECTION

The collection frequency of field QC samples of one field duplicate per every 10 field samples and one MS/MSD pair per 20 field samples outlined in the Work Plan (USACE 2011) was not met. Although the field duplicate collection frequency of 10 percent was not met for several methods, the frequency described in the Work Plan Addendum (USACE 2010) was followed.

Tables B-2 and B-3 list the analytical methods and associated field QC sample frequency for the spring 2011 samples and fall 2011 samples, respectively.

Table B-2
Field and Quality Control Sample Quantities – Spring 2011

	Analytical Method												
Sample Type	**AK101[1]**	**AK102[1]**	**AK103[1]**	**SW6010B/ SW6020A[2]**	**SW7470A[2]**	**SW8081A[2]**	**SW8082[2]**	**SW8151A[2]**	**SW8260B[2]**	**SW8260B Low Level[2]**	**SW8270C[2]**	**SW8270C SIM[2]**	**SW8330[2]**
Primary	33	42	42	32	32	33	4	33	44	42	33	42	28
Field Duplicate	4	5	5	3	3	4	1	4	5	4	4	5	3
MS	4	4	4	4	3	3	1	4	5	3	4	4	3
MSD	4	4	4	4	3	3	1	4	5	3	4	4	3

Note:
[1] = Criteria from Alaska Test Methods (ADEC 2002)
[2] = Criteria from the DoD QSM v.4.2 (DoD 2010)
For definitions, see the Acronyms and Abbreviations section.

Table B-3
Field and Quality Control Sample Quantities – Fall 2011

	Analytical Method													
Sample Type	**AK101[1]**	**AK102[2]**	**AK103[2]**	**SW6010B/ SW6020A[2]**	**SW7470A[2]**	**SW8081A[2]**	**SW8082[2]**	**SW8151A[2]**	**SW8260B[2]**	**SW8260B Low Level[2]**	**SW8270C[2]**	**SW8270C SIM[2]**	**SW8330[2]**	**SW8321A[2]**
Primary	36	45	45	36	36	36	5	36	45	45	36	45	23	9
Field Duplicate	3	4	4	3	3	3	1	3	4	4	3	4	3	-
MS	3	3	3	4	3	2	1	2	3	3	2	3	2	-
MSD	3	3	3	4	3	2	1	2	3	3	2	3	2	-

Note:
[1] = Criteria from Alaska Test Methods (ADEC 2002)
2 = Criteria from the DoD QSM v.4.2 (DoD 2010)
For definitions, see the Acronyms and Abbreviations section.

2.2 SAMPLE HANDLING

A total of 80 coolers were submitted over the course of the spring 2011 groundwater monitoring sampling event. A total of 81 coolers were submitted over the course of the fall 2011 groundwater monitoring sampling event. All coolers were received intact with temperatures of 6 °C or less with the exception of the cooler "Portuguese Water Dog," which was received at 6.7 °C. The diesel-range organic (DRO) results, residual-range organic (RRO) results, mercury results, SVOC results, low-level SVOC results and nitroaromatic explosive results in sample 11FWAMW26-GWS were qualified as estimated due to the high cooler temperature (flagged JTE).

2.3 HOLDING TIMES

Spring 2011 Sampling Event

Five gasoline-range organic (GRO) samples, one GRO trip blank sample, and eight nitroaromatic explosive samples were analyzed outside of the method-specified holding time. The affected GRO samples were 11FWAMW39-GWS, 11FWAMW39-GWBS, 11FWAMW40-GWS, 11FWAMW78-GWS, 11FWAMW79-GWS, and 11FWATB01-GWS. The affected nitroaromatic explosive samples were 11FWAMW39-GWS, 11FWAMW39-GWBS, 11FWAMW40-GWS, 11FWAMW78-GWS, 11FWAMW79-GWS, 11FWAMW08-GWS, 11FWAMW47-GWS, and 11FWAMW57-GWS.

Although the samples were analyzed past the method-specified holding time, they were analyzed within twice the recommended hold time. All affected results are flagged with the JH qualifier and are considered estimated. The GRO results may be biased low. The nitroaromatic explosive results that were qualified JH were analyzed by a more stable method and likely were not affected by the hold time exceedance. The JH-qualified results are presented in Attachment B-2, Table B-2-1.

Fall 2011 Sampling Event

The results for the VOC compounds 1,2-dibromo-3-chloropropane, acetone, bromoform, bromomethane, chloromethane, trichlorofluoromethane and vinyl chloride in several VOC samples collected on 6, 7, and 8 October 2011 were originally reported from samples where the initial calibration value (ICV) and/or CCV recoveries were lower than the acceptable QSM limits. The samples were re-analyzed on 25 October 2011 for the compounds affected by the low ICV and/or CCV recoveries, which was past the 14 day hold time for VOC analyses, but within twice the method hold time. The results were qualified with JH to indicate the hold time exceedance, and are summarized in Attachment B-2, Table B-2-2.

2.4 METHOD BLANKS AND TRIP BLANKS

Spring 2011 Sampling Event

The following analytes were detected above the DL in method blanks or trip blanks associated with samples of the spring 2011 groundwater that resulted in the qualification of sample results:

- SW8260B: 2-butanone and methylene chloride
- SW8260B Low Level: tetrachloroethene (PCE)
- AK101: GRO
- AK103: RRO
- SW8081: 4,4'-DDT
- SW8270C: benzoic acid, benzyl butyl phthalate, di-n-butyl phthalate
- SW6010: iron
- SW6020: copper

Fall 2011 Sampling Event

The following analytes were detected above the DL in method blanks or trip blanks associated with samples of the fall 2011 groundwater that resulted in the qualification of sample results:

- SW8260B: cis-1,2-dichloroethene and trichloroethene (TCE)

- SW8260B Low Level: 1,1,2,2-tetrachloroethane, 1,1-dichloroethene, 1,2-dichloroethane, 1,2-dibromoethane (EDB), benzene, carbon tetrachloride, PCE, TCE, and vinyl chloride
- AK101: GRO
- AK102: DRO
- SW8270C: benzoic acid, benzyl butyl phthalate, diethylphthalate, di-n-butylphthalate, and phenanthrene

Sample results were qualified with the B flag when the sample concentration was within a factor of five from the blank concentration. The B-qualified results are presented in Attachment B-2, Tables B-2-3 through B-2-6. B-flagged results are likely due to laboratory contamination and are not representative of the in situ sample concentration. Note that there was persistent low-level VOC contamination in both the trip blanks and method blanks for the low-level SW8260B method during the fall 2011 sampling event; therefore, all estimated results (i.e., below the LOQ), whether they were qualified with a B, should be considered suspect and decisions made using the fall low-level SW8260B results should be made with this in mind.

All project sample results that were qualified with the B flag were less than the corresponding ADEC Table C cleanup levels (ADEC 2008).

2.5 LABORATORY CONTROL SAMPLE RECOVERY

Spring 2011 Sampling Event

The LCS and LCSD recovery for several analytes associated with samples of the spring 2011 groundwater event did not meet recovery goals listed in Table B-1 (or to laboratory limits when there was no DoD QSM criteria) and resulted in the qualification of sample results. The following methods were affected:

- AK102: DRO (biased low)
- SW8270C: 2,4-dimethylphenol (biased low), 3,3'-dichlorobenzidine (biased low and less than 10 percent), 4-chloroaniline (biased low and less than 10 percent), di-n-butyl phthalate (biased high), hexachlorocyclopentadiene (biased low), and n-nitrosodiphenylamine (biased low)
- SW8330: m-nitrotolouene (biased low), o-nitrotolouene (biased low) and p-nitrotoluene (biased low)

Fall 2011 Sampling Event

The LCS and LCSD recovery for several analytes associated with samples of the fall 2011 groundwater event did not meet recovery goals listed in Table B-1 and resulted in the qualification of sample results. The following methods were affected:

- SW8260B: acetone (biased low) and bromoform (biased low)
- SW8270C: 2,4-dimethylphenol (biased low) and 4-chloroaniline (biased low)

Sample results were qualified with the JL+ or JL- flag when the associated LCS and/or LCSD recovery was outside of recovery goals. In extreme cases where the LCS and/or LCSD recovery was less than 10 percent, the associated sample results were qualified with the R flag and were considered rejected. All results that were qualified JL+, JL-, and R that were associated with LCS and/or LCSD recovery exceedances are presented in Attachment B-2, Tables B-2-7 and B-2-8.

The majority of the sample results flagged for LCS recovery exceedances were qualified using the JL+ or the JL- flag. The data usability was not significantly affected for results flagged with JL+ or JL- because none of the results were near the associated action levels.

The most significantly affected results were associated with the R-qualified 3,3'-dichlorobenzidine and 4-chloroaniline results. The LCS recovery for 3,3'-dichlorobenzidine was 7 percent, and the LCS recovery for 4-chloroaniline was 5 percent in batch 90758. The R qualifier was applied to 3,3'-dichlorobenzidine and 4-chloroaniline in 17 samples, as summarized in Table B-2-7. These compounds have not historically been detected in FCS groundwater.

2.6 LABORATORY CONTROL SAMPLE PRECISION

Spring 2011 Sampling Event

The RPDs for all LCS/LCSD pairs in all methods met precision goals for the spring 2011 event with the following exceptions:

- SW8260B: acetone (batch 88935 and batch 90812)

- SW8270C: 2,4-dimethylphenol (batch 91158)
- SW8081A: endosulfan I (batch 91159)
- SW8151: dicamba (batch 90343)

Fall 2011 Sampling Event

The RPDs for the majority of the LCS/LCSD pairs met precision goals for the fall 2011 event with the following exceptions:

- SW8270C: bis(2-chloroethyl)ether (batch 97356 and batch 98008), bis(2-ethylhexyl)phthalate (batch 97356 and batch 98008), n-nitrosodimethylamine (batch 97420), 2-chlorophenol (batch 98008), benzyl alcohol (batch 98008), 2-methylphenol (batch 98008), 3&4-methylphenol (batch 98008), 2,4-dimethylphenol (batch 98008) and 4-chloroaniline (batch 98008), 3,3'-dichlorobenzidine (batch 98008)
- SW8081A: aldrin (batch 97606)

Although the analytes listed above did not meet precision goals, the results were not significantly affected, because these analytes were either not found in the associated samples or the detected results were well below their respective ADEC limits.

2.7 SURROGATE RECOVERY

Surrogate recoveries were evaluated for all samples analyzed at a dilution factor less than 5. If surrogate recoveries were above the UCL but no analytes were detected, qualifications were not applied. If surrogate recoveries were below the LCL, then all results in the sample were qualified as estimated with a possible low bias. For methods SW8260B and SW8270C, results were qualified if two or more surrogates failed recovery criteria.

Spring 2011 Sampling Event

The surrogate trifluorotoluene in the SW8260B Low Level analysis on sample 11FWAMW40-GWS was recovered above its UCL. The detected results for 1,2-dichloroethane, TCE, and vinyl chloride were qualified as estimated with a high bias (flagged JS+). The surrogate terphenyl-d14 in three LL8270C samples was recovered below its respective LCL; associated results were qualified as estimated with a possible low bias (flagged JS-). The surrogate 2,4-dichlorophenylacetic acid (DCAA) in the SW8151A analysis

on sample 11FWAMW33-GWS was recovered below its LCL. The associated nondetect results were qualified as estimated with a possible low bias (flagged JS-). The surrogate 1,2-dinitrobenzene in several SW8330 analyses was recovered less than its LCL; the nondetect results in the associated samples were qualified as estimated with a possible low bias (flagged JS-). The surrogate 1,2-dinitrobenzene in several other SW8330 analyses was recovered at greater than its UCL; detected results in samples 11FWAMW12-GWS; 11FWAM12-GWBS and 11FWAMW33-GWS were qualified as estimated with a possible high bias (flagged JS+).

Fall 2011 Sampling Event

The surrogate n-triacontane-d62 in the AK102/AK103 analysis was recovered above its UCL in sample 11FWMA06A-GWF and below its LCL in sample 11FWAMW43-GWF. DRO and RRO results were qualified as estimated with a high bias (flagged JS+) or with a low bias (flagged JS-), respectively. The surrogate 1,2-dinitrobenzene in the SW8330 analyses was recovered above its UCL in sample 11FWAMW77-GWF and below its LCL in sample 11FWAMW06A-GWF. The detected result for o-nitrotoluene in sample 11FWAMW77-GWF was qualified as estimated with a possible high bias (flagged JS+) and the nondetect results in sample 11FWAMW06A-GWF were qualified as estimated with a possible low bias (flagged JS-).

Sample results qualified due to surrogate outliers are summarized in Attachment B-2, Tables B-2-9 and B-2-10. All other surrogate recoveries were within the limits specified in Table B-1.

2.8 MATRIX SPIKE RECOVERY

The MS and/or MSD recovery for several analytes did not meet recovery goals listed in Table B-1 and resulted in the qualification of sample results. Results in the respective parent samples were qualified as estimated with either a high (JM+) or low (JM-) bias, depending on the MS/MSD recoveries. Parent samples with high MS and/or MSD recoveries were not qualified if the sample result was nondetect.

Spring 2011 Sampling Event

Several MS and/or MSD had recoveries outside the target limits and were qualified with JM+ or JM- flags, as appropriate. The usability of the JM+ or JM- qualified data was not significantly affected because these flagged results were below the action levels. The result for 3,3'-dichlorobenzidine in sample 11FWAMW39-GWS and the result for benzidine in sample 11FWA-TAKU-MW62 were qualified as rejected (flagged R) due to 0 percent recoveries in the associated MS/MSD samples. Results flagged as rejected are not usable for decision-making purposes.

Fall 2011 Sampling Event

Several MS and/or MSD samples had recoveries outside the target limits and were qualified with JM+ or JM- data flags, as appropriate. The usability of the JM+ or JM- qualified data was not significantly affected because these flagged results were below the action levels. The result for 3,3'-dichlorobenzidine in samples 11FWAMW39-GWS and 11FWAMW62-GWS were qualified as rejected (flagged R) due to 0 percent recoveries in the associated MS/MSD samples. Results flagged as rejected are not usable for decision-making purposes.

Attachment B-2, Tables B-2-11 and B-2-12, provides a list of the MS and MSD recovery exceedances and the affected sample results.

2.9 MATRIX SPIKE PRECISION

Several MS/MSD pairs had RPDs greater than the required limit of 30 percent. These exceedances were likely due to matrix impacts on the specific sample.

Based on the related QC results, the analytical systems were shown to be in control, and therefore the impact on data quality was minimal. Qualifications were not required and the specific samples where the RPD was greater than 30 percent are detailed on the individual ADEC checklists (Attachment B-3).

2.10 CALIBRATION VERIFICATIONS

Spring 2011 Sampling Event

Several CCV samples had recoveries that were outside QC goals; the following method batches were affected:

- SW8270C: 3-nitroaniline, 4-nitroaniline (batch 89009 – biased high)
- SW8081A: toxaphene (batch 89227 and 89347 – biased high); alpha-chlordane (batch 91217 – biased low)

Data qualification was not required because either the CCV result was biased high and the results were nondetect in the associated samples or, in the case of alpha-chlordane, the samples were re-analyzed and reported with a passing CCV.

Fall 2011 Sampling Event

Several ICV and CCV sample recoveries were outside QC goals and resulted in a sample qualification. The following methods were affected:

- SW8260B: acetone and bromomethane (batch 97863 – biased high); acetone (batch 98063 – biased high); PCE (batch 98063 – biased low)
- SW8081A: methoxychlor (batch 99515 – biased high); methoxychlor and 4,4'-DDT (batch 99343 – biased high)
- SW8330: o-nitrotoluene (batches 93339 and 93992 – biased high)

The nondetect results for PCE in samples analyzed in batch 98063 were qualified as estimated with a possible low bias (JC-) due to the low ICV or CCV recoveries. Data qualification for acetone and bromomethane were not required because the CCV results were biased high an the results were nondetect in the associated samples. Results qualified due to ICV and/or CCV exceedances are summarized in Attachment B-2, Table B-2-13.

Note that several VOC results for 1,2-dibromoethane, acetone, bromoform, bromomethane, chloromethane, trichlorofluoromethane and vinyl chloride analyzed on 19 October 2011 were reported from analyses where the ICV recoveries were below the QSM limits. These results were not retained, and instead results were reported from analyses where the ICV recoveries

were within compliance. Qualification of the data based on the low ICV recoveries for these results was not required.

Data qualification for SW8081A (pesticide) and SW8330 (nitroaromatic explosives) was not required because the CCV results were biased high and the results were nondetect in the associated samples.

2.11 FIELD DUPLICATE PRECISION

Field duplicate precision was evaluated against the recommended RPD limit of 30 percent for aqueous samples, as stated in the *Environmental Laboratory Data and Quality Assurance Requirements* (ADEC 2009).

All results were evaluated, but only results where both values exceeded the LOQ were qualified based on RPD exceedances. Detected results and associated RPD values for all field duplicate sample pairs are shown in Attachment B-2, tables B-2-14 and B-2-15. Results qualified due to RPD exceedances (coded JD) are shown in bold. Results were minimally affected since all JD qualified results were less than ADEC Table C action levels (ADEC 2008).

2.12 REPORTING LIMIT ASSESSMENT

Laboratory LOQs for nondetect samples were evaluated against the corresponding ADEC cleanup level. In some cases, laboratory LOQs were greater than the ADEC cleanup level; however, in all cases the laboratory LODs for nondetect samples were less than the ADEC cleanup level, except for the following compounds:

- SW8270: n-Nitrosodimethylamine (ADEC action level 0.000017 milligrams per liter [mg/L])
- SW8260: EDB (ADEC action level 0.00005 mg/L) and 1,2,3-trichloropropane (ADEC action level 0.00012 mg/L)

Note that the laboratory limit of detection is less than the ADEC action level for EDB and 1,2,3-trichloropropane in samples analyzed by the SW8260B Low Level method.

The LODs for a few analytes were greater than the ADEC cleanup levels due to matrix interferences resulting in the samples being analyzed at a dilution. Dilutions were required in the following samples:

Spring 2011 Sampling Event

SW8270

- n-Nitrosodi-n-propylamine

  11FWA-TAKU-MW62 11FWAMW12-GWS
  11FWA-TAKU-MW62D 11FWAMW33-GWS
  11FWAMW12-GWBS

- Dibenzo(a,h)anthracene
  11FWA-TAKU-MW62 11FWAMW12-GWS
  11FWA-TAKU-MW62D 11FWAMW33-GWS
  11FWAMW12-GWBS

- bis-2-Chloroethylether
  11FWA-TAKU-MW62 11FWAMW12-GWS
  11FWA-TAKU-MW62D 11FWAMW33-GWS
  11FWAMW12-GWBS

- bis-2-(Ethylhexyl)phthalate
  11FWA-TAKU-MW62 11FWAMW12-GWS
  11FWA-TAKU-MW62D 11FWAMW33-GWS

Fall 2011 Sampling Event

SW8270

- n-Nitrosodi-n-propylamine

  11FWAMW62-GWF 11FWAMW12-GWF
  11FWAMW06A-GWF 11FWAMW77-GWF
  11FWAMW12-GWBF 11FWAMW33-GWF

- Dibenzo(a,h)anthracene
  11FWAMW62-GWF 11FWAMW12-GWF
  11FWAMW06A-GWF 11FWAMW77-GWF
  11FWAMW12-GWBF 11FWAMW33-GWF

- bis-(2-Chloroethyl)ether
  11FWAMW62-GWF 11FWAMW12-GWF
  11FWAMW06A-GWF 11FWAMW77-GWF
  11FWAMW12-GWBF 11FWAMW33-GWF

- bis-(2-Ethylhexyl)phthalate

11FWAMW62-GWF	11FWAMW12-GWF
11FWAMW06A-GWF	11FWAMW77-GWF
11FWAMW12-GWBF	11FWAMW33-GWF

- Dibenzo(a,h)anthracene

11FWAMW62-GWF	11FWAMW12-GWF
11FWAMW06A-GWF	11FWAMW77-GWF
11FWAMW12-GWBF	11FWAMW33-GWF

SW8330

- 2,4-Dinitrotoluene

11FWAMW12-GWF	11FWAMW33-GWF
11FWAMW12-GWBF	11FWAMW62-GWF

- 2,6-Dinitrotoluene

11FWAMW12-GWF	11FWAMW33-GWF
11FWAMW12-GWBF	11FWAMW62-GWF

Nondetect sample results with LODs exceeding ADEC cleanup criteria were flagged with an E and shown in italics in Attachment B-1. They are summarized in Attachment B-2, tables B-2-16 and B-2-17.

Note that the [ ] results reported in Attachment B-1 are the laboratory LOQ values for both detected and nondetect results.

2.13 PESTICIDE DETECTIONS BY METHOD SW8081A

Several pesticide compounds were reported by the laboratory in samples from both the spring and fall 2011 groundwater events. Although pesticide compounds were reported by the laboratory, they did not appear to be present in the samples based on Jacobs' review of the raw data.

Review of the raw data found that all the pesticide detections could be categorized into two groups: false positive results due to interference from non-target analytes and false positive results reported as J values often with poor second column confirmation precision. Samples affected by non-target peak interference include 11FWAMW12-GWS, 11FWAMW12-

GWBS, 11FWAMW33-GWS, 11FWAMW77-GWS, and 11FWAMW77-GWF. These samples contained elevated levels of DRO and showed significant groups of unresolved peaks on the SW8081A chromatograms. This interference was also observed on the associated SW8270C and SW8270C SIM chromatograms indicating that the interference was not specific to the pesticides analysis and is sample-related. Samples affected by false positive results reported as J values often with poor second column confirmation precision include 10FWAMW40-GWS, 10FWAMW78-GWS, 10FWAMW79-GWS, 10FWAMW08-GWS, and 11FWAMW03-GWS (methoxychlor only). All of the reported pesticides associated with this group were reported well below the LOQ as J values. Additionally, the majority of the J-flagged results were reported even though the second column precision greatly exceeded an RPD of 40 percent.

Although most of the pesticide detections for the FCS groundwater samples were clearly suspect and do not appear to be truly present at the site, none of pesticide detections were deleted from the data tables in Attachment B-1.

2.14 NITROAROMATIC EXPLOSIVE DETECTIONS BY METHOD SW8330

Several nitroaromatic explosive compounds were reported by method SW8330 in samples from both the spring and fall groundwater events. Although these nitroaromatic explosive compounds were reported by the laboratory, they did not appear to be present in the samples based on Jacobs' review of the raw data.

Review of the raw data found that all the nitroaromatic explosive detects were associated with very poor chromatography including elevated baselines, unresolved peaks on the edge of slopes and poor peak differentiation. Nitroaromatic explosive detects associated with the poor chromatography were present in the following samples: 11FWAMW06A-GWS, 11FWAMW37-GWS, 11FWAMW58-GWS, 11FWAMW12-GWS, 11FWAMW12-GWBF, 11FWAMW12-GWBS, 11FWAMW12-GWF, 11FWAMW33-GWS, 11FWAMW62-GWF, and 11FWAMW77-GWF. Most of these samples contained elevated levels of DRO. This DRO interference was also observed on the associated SW8270C and SW8270C SIM

chromatograms indicating that the interference was not specific to the explosive analyses and is sample-related.

Although the detections of nitroaromatic explosive for the FCS groundwater samples were suspect and do not appear to be truly present at the site, none of the nitroaromatic explosive detections were deleted from the data tables in Attachment B-1. Note that the reported results for 2,6-dinitrotoluene in samples 11FWAMW12-GWBS (0.0016 mg/L), 11FWAMW33-GWS (0.0025 mg/L), and 11FWAMW06A-GWS (0.0022 mg/L) were above the ADEC limit of 0.0013 mg/L and the results for 4-amino-2,6-dinitrotoluene in samples 11FWAMW12-GWF (0.0093 mg/L) and 11FWAMW12-GWBF (0.0096 mg/L) were above the ADEC limit of 0.0073 mg/L. Also note that 2,6-dinitrotoluene results were not detected in the associated SW8270C SVOC method, even though the detects would have, in most cases, been higher than the SVOC LOQ. Therefore, decisions made based on these results should be made with full consideration of the matrix interferences that could have resulted in potential false positives.

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3.0 CONCLUSION

In general, the overall quality of the project data was acceptable. Although 34 SVOC data points were rejected (flagged R) due to low LCS recoveries (3,3'-dichlorobenzidine and 4-chloroaniline) and three SVOC data points were rejected due to low MS/MSD recoveries (3,3'-dichlorobenzidine, benzidine), the project completeness goal of 95 percent was met. Several pesticide and nitroaromatic explosive compounds were reported as detected in samples from both the spring and fall 2011 groundwater events. Although these compounds were reported by the laboratory, they did not appear to be present in the samples based on Jacobs' review of the raw data. The SW8260B Low Level results from the fall 2011 sampling event that were less than the LOQ should also be considered suspect due to the persistent low-level detects seen in both the method blanks and trip blank samples. All the remaining data is considered usable with the limitations discussed in this DQA and the ADEC Laboratory Data Review Checklists (Attachment B-3).

Note that additional results were rejected due to sampling deviations from the Work Plan, and those results are not discussed in this DQA. These rejected results are also reflected in the results summary table in Attachment B-1, and are discussed in Section 3.1 of the Former Communications Site 2011 Groundwater Monitoring Report.

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4.0 REFERENCES

ADEC (Alaska Department of Environmental Conservation). 2009 (March). *Environmental Laboratory Data and Quality Assurance Requirements*. Technical Memorandum 06-002.

ADEC. 2008 (October). *Oil and Other Hazardous Pollution Control Regulations—Discharge Reporting, Cleanup, and Disposal of Oil and Other Hazardous Substances*. Title 18 Alaska Administrative Code Section 75.

ADEC. 2002 (November). *Underground Storage Tanks Procedures Manual – Guidance for Remediation of Petroleum-Contaminated Soil and Water and Standard Sampling Procedures*.

DoD (U.S. Department of Defense). 2010. *Department of Defense Quality Systems Manual for Environmental Laboratories*. DoD Environmental Quality Workgroup, Department of the Navy, Lead Service. Version 4.2.

EPA (U.S. Environmental Protection Agency). 1996 (September). *Test Methods for Evaluating Solid Waste*. Final Update III, SW-846.

USACE (U.S. Army Corps of Engineers). 2011 (March). *Fort Wainwright Post Wide Work Plan*. Fort Wainwright, Alaska. Prepared by Jacobs Engineering Group Inc.

USACE. 2010 (July). *Draft Taku Gardens Groundwater Monitoring Work Plan Addendum.* Fort Wainwright, Alaska. Prepared by Jacobs Engineering Group Inc.

USACE. 1994 (March). *Background Data Analysis for Arsenic, Barium, Cadmium, Chromium, and Lead on Fort Wainwright, Alaska.*

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ATTACHMENT B-1

Sample Summary and Analytical Data Tables

FCS 2011 Groundwater Monitoring After-Action Report
Sample Summary

CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU001	Ohio	580-26986	TA-TAC	11FWA-TAKU-MW62	MW62	6/21/2011	9:36	JY/DH	6	Amber	1L	HCl; 4°C	WG	AK102/103	MS/D	30
11FWATAKU001	Ohio	580-26986	TA-TAC	11FWA-TAKU-MW62D	MW62	6/21/2011	9:36	JY/DH	2	Amber	1L	HCl; 4°C	WG	AK102/103		30
11FWATAKU002	Old Man	580-26986	TA-TAC	11FWA-TAKU-MW62	MW62	6/21/2011	9:36	JY/DH	6	Amber	1L	4°C	WG	SW8270 SIM, PAH	MS/D	30
11FWATAKU002	Old Man	580-26986	TA-TAC	11FWA-TAKU-MW62D	MW62	6/21/2011	9:36	JY/DH	2	Amber	1L	4°C	WG	SW8270 SIM, PAH		30
11FWATAKU003	Heart of Gold	580-26986	TA-TAC	11FWA-TAKU-MW62	MW62	6/21/2011	9:36	JY/DH	6	Amber	1L	4°C	WG	SW8270	MS/D	30
11FWATAKU003	Heart of Gold	580-26986	TA-TAC	11FWA-TAKU-MW62D	MW62	6/21/2011	9:36	JY/DH	2	Amber	1L	4°C	WG	SW8270		30
11FWATAKU004	Hey Hey, My My	580-26986	TA-TAC	11FWA-TAKU-MW62	MW62	6/21/2011	9:36	JY/DH	6	Amber	1L	4°C	WG	SW8081	MS/D	30
11FWATAKU004	Hey Hey, My My	580-26986	TA-TAC	11FWA-TAKU-MW62D	MW62	6/21/2011	9:36	JY/DH	2	Amber	1L	4°C	WG	SW8081		30
11FWATAKU005	Harvest Moon	580-26986	TA-TAC	11FWA-TAKU-MW62	MW62	6/21/2011	9:36	JY/DH	6	Amber	1L	4°C	WG	SW8151	MS/D	30
11FWATAKU005	Harvest Moon	580-26986	TA-TAC	11FWA-TAKU-MW62D	MW62	6/21/2011	9:36	JY/DH	2	Amber	1L	4°C	WG	SW8151		30
11FWATAKU006	Comes a Time	580-26986	TA-TAC	11FWA-TAKU-MW62	MW62	6/21/2011	9:36	JY/DH	18	VOA	40 mL	HCL; 4°C	WG	AK101;SW8260	MS/D	30
11FWATAKU006	Comes a Time	580-26986	TA-TAC	11FWA-TAKU-MW62D	MW62	6/21/2011	9:36	JY/DH	6	VOA	40 mL	HCL; 4°C	WG	AK101;SW8260		30
11FWATAKU006	Comes a Time	580-26986	TA-TAC	11FWA-TAKU-TB01	TB01	6/21/2011	8:00	JY/DH	6	VOA	40 mL	HCL; 4°C	WG	AK101;SW8260	TB	30
11FWATAKU008	Skye Terrier	580-27365	TA-TAC	11FWAMW39-GWBS	MW39	7/11/2011	1355	JY/KT/DH	2	Amber	1L	4°C, HCl	WG	AK102/103	DUP	30
11FWATAKU008	Skye Terrier	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	6	Amber	1L	4°C, HCl	WG	AK102/103	MS/D	30
11FWATAKU009	Aussie	580-27365	TA-TAC	11FWAMW39-GWBS	MW39	7/11/2011	1355	JY/KT/DH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU009	Aussie	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU010	Labrador	580-27365	TA-TAC	11FWAMW39-GWBS	MW39	7/11/2011	1355	JY/KT/DH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU010	Labrador	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU010	Labrador	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	MS/D	30
11FWATAKU011	Boston Terrier	580-27365	TA-TAC	11FWAMW39-GWBS	MW39	7/11/2011	1355	JY/KT/DH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU011	Boston Terrier	580-27365	TA-TAC	11FWAMW39-GWBS	MW39	7/11/2011	1355	JY/KT/DH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	DUP	30
11FWATAKU011	Boston Terrier	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU012	German Shepherd	580-27365	TA-TAC	11FWAMW39-GWBS	MW39	7/11/2011	1355	JY/KT/DH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU012	German Shepherd	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU013	Siberian Husky	580-27365	TA-TAC	11FWAMW39-GWBS	MW39	7/11/2011	1355	JY/KT/DH	9	VOA	40mL	4°C, HCL	WG	AK101; SW8260; SW8260 LL	DUP	30
11FWATAKU013	Siberian Husky	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	27	VOA	40mL	4°C, HCL	WG	AK101; SW8260; SW8260 LL	MS/D	30
11FWATAKU013	Siberian Husky	580-27365	TA-TAC	11FWAMW40-GWS	MW40	7/11/2011	1005	JY/KT/DH	9	VOA	40mL	4°C, HCL	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU013	Siberian Husky	580-27365	TA-TAC	11FWAMW78-GWS	MW78	7/11/2011	1000	JY/KT/DH	9	VOA	40mL	4°C, HCL	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU013	Siberian Husky	580-27365	TA-TAC	11FWAMW79-GWS	MW79	7/11/2011	1345	JY/KT/DH	9	VOA	40mL	4°C, HCL	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU013	Siberian Husky	580-27365	TA-TAC	11FWAMW79-GWS	MW79	7/11/2011	1345	JY/KT/DH	4	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU013	Siberian Husky	580-27365	TA-TAC	11FWATB01-GWS	TB01	7/11/2011	800	JY/KT/DH	9	VOA	40mL	4°C, HCL	WG	AK101; SW8260; SW8260 LL	TB	30
11FWATAKU014	Akita	580-27365	TA-TAC	11FWAMW40-GWS	MW40	7/11/2011	1005	JY/KT/DH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU014	Akita	580-27365	TA-TAC	11FWAMW40-GWS	MW40	7/11/2011	1005	JY/KT/DH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU015	Mastiff	580-27365	TA-TAC	11FWAMW40-GWS	MW40	7/11/2011	1005	JY/KT/DH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU015	Mastiff	580-27365	TA-TAC	11FWAMW40-GWS	MW40	7/11/2011	1005	JY/KT/DH	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU015	Mastiff	580-27365	TA-TAC	11FWAMW78-GWS	MW78	7/11/2011	1000	JY/KT/DH	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU015	Mastiff	580-27365	TA-TAC	11FWAMW79-GWS	MW79	7/11/2011	1345	JY/KT/DH	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU016	Irish Setter	580-27365	TA-TAC	11FWAMW78-GWS	MW78	7/11/2011	1000	JY/KT/DH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU016	Irish Setter	580-27365	TA-TAC	11FWAMW78-GWS	MW78	7/11/2011	1000	JY/KT/DH	1	Poly	500 mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU017	Weimaraner	580-27365	TA-TAC	11FWAMW78-GWS	MW78	7/11/2011	1000	JY/KT/DH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU017	Weimaraner	580-27365	TA-TAC	11FWAMW79-GWS	MW79	7/11/2011	1345	JY/KT/DH	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU017	Weimaraner	580-27365	TA-TAC	11FWAMW79-GWS	MW79	7/11/2011	1345	JY/KT/DH	1	Poly	500 mL	HNO3	WG	SW6010/6020/7470		30

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Sample Summary

CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU018	Lhasa Apso	580-27365	TA-TAC	11FWAMW08-GWS	MW08	7/12/2011	950	JY/KT/DH/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU018	Lhasa Apso	580-27365	TA-TAC	11FWAMW08-GWS	MW08	7/12/2011	950	JY/KT/DH/CJ	1	Poly	500 mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU019	Afghan	580-27365	TA-TAC	11FWAMW39-GWBS	MW39	7/11/2011	1355	JY/KT/DH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU019	Afghan	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	5	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU019	Afghan	580-27365	TA-TAC	11FWAMW39-GWS	MW39	7/11/2011	1355	JY/KT/DH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	MS/D	30
11FWATAKU020	Keeshond	580-27365	TA-TAC	11FWAMW08-GWS	MW08	7/12/2011	950	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU020	Keeshond	580-27365	TA-TAC	11FWAMW13-GWS	MW13	7/12/2011	1145	JY/KT/DH/CJ	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU021	Chow Chow	580-27365	TA-TAC	11FWAMW13-GWS	MW13	7/12/2011	1145	JY/KT/DH/CJ	4	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU021	Chow Chow	580-27365	TA-TAC	11FWAMW13-GWS	MW13	7/12/2011	1145	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU021	Chow Chow	580-27365	TA-TAC	11FWAMW47-GWS	MW47	7/12/2011	940	JY/KT/DH/CJ	4	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU022	Jack Russell Terrier	580-27365	TA-TAC	11FWAMW47-GWS	MW47	7/12/2011	940	JY/KT/DH/CJ	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU022	Jack Russell Terrier	580-27365	TA-TAC	11FWAMW57-GWS	MW57	7/12/2011	1145	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU022	Jack Russell Terrier	580-27365	TA-TAC	11FWAMW57-GWS	MW57	7/12/2011	1145	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU023	Beagle	580-27365	TA-TAC	11FWAMW08-GWS	MW08	7/12/2011	950	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU023	Beagle	580-27365	TA-TAC	11FWAMW13-GWS	MW13	7/12/2011	1145	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU023	Beagle	580-27365	TA-TAC	11FWAMW47-GWS	MW47	7/12/2011	940	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU023	Beagle	580-27365	TA-TAC	11FWAMW47-GWS	MW47	7/12/2011	940	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU023	Beagle	580-27365	TA-TAC	11FWAMW57-GWS	MW57	7/12/2011	1145	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW08-GWS	MW08	7/12/2011	950	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW13-GWS	MW13	7/12/2011	1145	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW47-GWS	MW47	7/12/2011	940	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW48-GWS	MW48	7/12/2011	1450	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW53-GWS	MW53	7/13/2011	905	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW57-GWS	MW57	7/12/2011	1145	JY/KT/DH/CJ	7	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW69-GWS	MW69	7/12/2011	1510	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW70-GWS	MW70	7/13/2011	847	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW76-GWS	MW76	7/13/2011	1330	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWAMW81-GWS	MW81	7/13/2011	1355	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU024	Great Dane	580-27395	TA-TAC	11FWATB02-GWS	TB02	7/12/2011	800	JY/KT/DH/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL	TB	30
11FWATAKU025	Basenji	580-27365	TA-TAC	11FWAMW57-GWS	MW57	7/12/2011	1145	JY/KT/DH/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU026	Schnauzer	580-27395	TA-TAC	11FWAMW48-GWS	MW48	7/12/2011	1450	JY/KT/DH/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU026	Schnauzer	580-27395	TA-TAC	11FWAMW48-GWS	MW48	7/12/2011	1450	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU027	Greyhound	580-27395	TA-TAC	11FWAMW69-GWS	MW69	7/12/2011	1510	JY/KT/DH/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU027	Greyhound	580-27395	TA-TAC	11FWAMW69-GWS	MW69	7/12/2011	1510	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU028	Irish Wolfhound	580-27395	TA-TAC	11FWAMW48-GWS	MW48	7/12/2011	1450	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU028	Irish Wolfhound	580-27395	TA-TAC	11FWAMW48-GWS	MW48	7/12/2011	1450	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU028	Irish Wolfhound	580-27395	TA-TAC	11FWAMW69-GWS	MW69	7/12/2011	1510	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU028	Irish Wolfhound	580-27395	TA-TAC	11FWAMW69-GWS	MW69	7/12/2011	1510	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	AK102/103		30
11FWATAKU029	Norwegian Elkhound	580-27395	TA-TAC	11FWAMW53-GWS	MW53	7/13/2011	905	JY/KT/DH/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU029	Norwegian Elkhound	580-27395	TA-TAC	11FWAMW53-GWS	MW53	7/13/2011	905	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU030	Cocker Spaniel	580-27395	TA-TAC	11FWAMW70-GWS	MW70	7/13/2011	847	JY/KT/DH/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30

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CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU030	Cocker Spaniel	580-27395	TA-TAC	11FWAMW70-GWS	MW70	7/13/2011	847	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU031	Saint Bernard	580-27395	TA-TAC	11FWAMW53-GWS	MW53	7/13/2011	905	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU031	Saint Bernard	580-27395	TA-TAC	11FWAMW53-GWS	MW53	7/13/2011	905	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU031	Saint Bernard	580-27395	TA-TAC	11FWAMW70-GWS	MW70	7/13/2011	847	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU031	Saint Bernard	580-27395	TA-TAC	11FWAMW70-GWS	MW70	7/13/2011	847	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU032	Vizsla	580-27395	TA-TAC	11FWAMW76-GWS	MW76	7/13/2011	1330	JY/KT/DH/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU032	Vizsla	580-27395	TA-TAC	11FWAMW76-GWS	MW76	7/13/2011	1330	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU033	Whippet	580-27395	TA-TAC	11FWAMW81-GWS	MW81	7/13/2011	1355	JY/KT/DH/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU033	Whippet	580-27395	TA-TAC	11FWAMW81-GWS	MW81	7/13/2011	1355	JY/KT/DH/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU034	Yorkshire Terrier	580-27395	TA-TAC	11FWAMW76-GWS	MW76	7/13/2011	1330	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU034	Yorkshire Terrier	580-27395	TA-TAC	11FWAMW76-GWS	MW76	7/13/2011	1330	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU034	Yorkshire Terrier	580-27395	TA-TAC	11FWAMW81-GWS	MW81	7/13/2011	1355	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU034	Yorkshire Terrier	580-27395	TA-TAC	11FWAMW81-GWS	MW81	7/13/2011	1355	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU035	Bernese Mountain Dog	580-27442	TA-TAC	11FWAMW03-GWS	MW03	7/14/2011	915	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082	MS/D (PCBs Only)	30
11FWATAKU035	Bernese Mountain Dog	580-27442	TA-TAC	11FWAMW03-GWS	MW03	7/14/2011	915	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU036	Poodle	580-27442	TA-TAC	11FWAMW03-GWBS	MW03	7/14/2011	915	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8082	DUP	30
11FWATAKU036	Poodle	580-27442	TA-TAC	11FWAMW03-GWS	MW03	7/14/2011	915	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082	MS/D (PCBs Only)	30
11FWATAKU036	Poodle	580-27442	TA-TAC	11FWAMW03-GWS	MW03	7/14/2011	915	JY/KT/CJ	4	Amber	1L	4°C	WG	SW8082	MS/D (PCBs Only)	30
11FWATAKU037	Newfoundland	580-27442	TA-TAC	11FWAMW06A-GWS	MW06A	7/14/2011	1155	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU037	Newfoundland	580-27442	TA-TAC	11FWAMW06A-GWS	MW06A	7/14/2011	1155	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU038	Old English Sheepdog	580-27442	TA-TAC	11FWAMW03-GWS	MW03	7/14/2011	915	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU038	Old English Sheepdog	580-27442	TA-TAC	11FWAMW06A-GWS	MW06A	7/14/2011	1155	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU038	Old English Sheepdog	580-27442	TA-TAC	11FWAMW06A-GWS	MW06A	7/14/2011	1155	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU039	Portuguese Water Dog	580-27442	TA-TAC	11FWAMW26-GWS	MW26	7/14/2011	905	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU039	Portuguese Water Dog	580-27442	TA-TAC	11FWAMW26-GWS	MW26	7/14/2011	905	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU040	Rottweiler	580-27442	TA-TAC	11FWAMW43-GWS	MW43	7/14/2011	1120	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU040	Rottweiler	580-27442	TA-TAC	11FWAMW43-GWS	MW43	7/14/2011	1120	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU041	Schipperke	580-27442	TA-TAC	11FWAMW26-GWS	MW26	7/14/2011	905	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU041	Schipperke	580-27442	TA-TAC	11FWAMW26-GWS	MW26	7/14/2011	905	JY/KTCJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU041	Schipperke	580-27442	TA-TAC	11FWAMW43-GWS	MW43	7/14/2011	1120	JY/KT/DH/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU041	Schipperke	580-27442	TA-TAC	11FWAMW43-GWS	MW43	7/14/2011	1120	JY/KT/DH/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU042	Great Pyrenees	580-27464	TA-TAC	11FWAMW38-GWS	MW38	7/14/2011	1445	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU042	Great Pyrenees	580-27464	TA-TAC	11FWAMW38-GWS	MW38	7/14/2011	1445	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU043	Pembroke Welsh Corgi	580-27464	TA-TAC	11FWAMW45-GWS	MW45	7/14/2011	1510	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU043	Pembroke Welsh Corgi	580-27464	TA-TAC	11FWAMW45-GWS	MW45	7/14/2011	1510	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU044	Silky Terrier	580-27464	TA-TAC	11FWAMW38-GWS	MW38	7/14/2011	1445	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU044	Silky Terrier	580-27464	TA-TAC	11FWAMW38-GWS	MW38	7/14/2011	1445	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU044	Silky Terrier	580-27464	TA-TAC	11FWAMW45-GWS	MW45	7/14/2011	1510	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30

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CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU044	Silky Terrier	580-27464	TA-TAC	11FWAMW45-GWS	MW45	7/14/2011	1510	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWAMW03-GWS	MW03	7/14/2011	915	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWAMW06A-GWS	MW06A	7/14/2011	1155	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWAMW26-GWS	MW26	7/14/2011	905	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWAMW38-GWS	MW38	7/14/2011	1445	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWAMW43-GWS	MW43	7/14/2011	1120	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWAMW45-GWS	MW45	7/14/2011	1510	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWAMW64-GWBS	MW64	7/15/2011	840	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL	DUP	30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	27	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL	MS/D	30
11FWATAKU045	Golden Retriever	580-27464	TA-TAC	11FWATB03-GWS	TB03	7/14/2011	800	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL	TB	30
11FWATAKU046	Shiba Inu	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU046	Shiba Inu	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	MS/D	30
11FWATAKU047	Shetland Sheepdog	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU047	Shetland Sheepdog	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	MS/D	30
11FWATAKU048	Shih Tzu	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU048	Shih Tzu	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	MS/D	30
11FWATAKU049	Doberman Pinscher	580-27464	TA-TAC	11FWAMW64-GWBS	MW64	7/15/2011	840	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU049	Doberman Pinscher	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU050	Dachshund	580-27464	TA-TAC	11FWAMW64-GWBS	MW64	7/15/2011	840	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU050	Dachshund	580-27464	TA-TAC	11FWAMW64-GWBS	MW64	7/15/2011	840	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	DUP	30
11FWATAKU051	Saluki	580-27464	TA-TAC	11FWAMW64-GWBS	MW64	7/15/2011	840	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103	DUP	30
11FWATAKU051	Saluki	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	6	Amber	1L	4°C, HCl	WG	AK102/103	MS/D	30
11FWATAKU052	Scottish Terrier	580-27464	TA-TAC	11FWAMW35-GWS	MW35	7/16/2011	925	JY/KT/CJ	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU052	Scottish Terrier	580-27464	TA-TAC	11FWAMW35-GWS	MW35	7/16/2011	925	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU052	Scottish Terrier	580-27464	TA-TAC	11FWAMW35-GWS	MW35	7/16/2011	925	JY/KT/CJ	1	Poly	500mL	4°C, HNO3	WG	SW6010/6020/7470		30
11FWATAKU053	Australian Terrier	580-27464	TA-TAC	11FWAMW35-GWS	MW35	7/16/2011	925	JY/KT/CJ	4	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU053	Australian Terrier	580-27464	TA-TAC	11FWAMW58-GWS	MW58	7/16/2011	915	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU053	Australian Terrier	580-27464	TA-TAC	11FWAMW58-GWS	MW58	7/16/2011	915	JY/KT/CJ	1	Poly	500mL	4°C, HNO3	WG	SW6010/6020/7470		30
11FWATAKU054	Norfolk Terrier	580-27464	TA-TAC	11FWAMW37-GWS	MW37	7/16/2011	905	JY/KT/CJ	4	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU054	Norfolk Terrier	580-27464	TA-TAC	11FWAMW58-GWS	MW58	7/16/2011	915	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU054	Norfolk Terrier	580-27464	TA-TAC	11FWAMW58-GWS	MW58	7/16/2011	915	JY/KT/CJ	2	Amber	1L	4°C_HCL	WG	AK102/103		30
11FWATAKU055	West Highland Terrier	580-27464	TA-TAC	11FWAMW58-GWS	MW58	7/16/2011	915	JY/KT/CJ	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU056	Cairn Terrier	580-27464	TA-TAC	11FWAMW37-GWS	MW37	7/16/2011	905	JY/KT/CJ	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU056	Cairn Terrier	580-27464	TA-TAC	11FWAMW37-GWS	MW37	7/16/2011	905	JY/KT/CJ	2	Amber	1L	4°C	WG	AK102/103		30
11FWATAKU056	Cairn Terrier	580-27464	TA-TAC	11FWAMW37-GWS	MW37	7/16/2011	905	JY/KT/CJ	1	Poly	500mL	4°C, HNO3	WG	SW6010/6020/7470		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW35-GWS	MW35	7/16/2011	925	JY/KT/CJ	9	VOA	40mL	4°C_HCL	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW36-GWS	MW36	7/19/2011	942	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW37-GWS	MW37	7/16/2011	905	JY/KT/CJ	9	VOA	40mL	4°C_HCL	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW58-GWS	MW58	7/16/2011	915	JY/KT/CJ	9	VOA	40mL	4°C_HCL	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW82-GWS	MW82	7/19/2011	832	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW83-GWS	MW83	7/19/2011	935	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW84-GWS	MW84	7/19/2011	830	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW85-GWBS	MW85	7/18/2011	952	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW85-GWS	MW85	7/18/2011	952	JY/KT/CJ	16	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL	MS/D	30

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CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW86-GWS	MW86	7/18/2011	1105	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW87-GWS	MW87	7/18/2011	1450	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW88-GWS	MW88	7/18/2011	1350	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW89-GWS	MW89	7/18/2011	935	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWAMW90-GWS	MW90	7/18/2011	1342	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260;SW8260LL		30
11FWATAKU057	Airedale Terrier	580-27511	TA-TAC	11FWATB04-GWS	TB04	7/18/2011	800	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU058	Kuvasv	580-27511	TA-TAC	11FWAMW85-GWBS	MW85	7/18/2011	952	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU058	Kuvasv	580-27511	TA-TAC	11FWAMW85-GWS	MW85	7/18/2011	952	JY/KT/CJ	6	Amber	1L	4°C, HCl	WG	AK102/103	MS/D	30
11FWATAKU059	Pug	580-27511	TA-TAC	11FWAMW85-GWBS	MW85	7/18/2011	952	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU059	Pug	580-27511	TA-TAC	11FWAMW85-GWS	MW85	7/18/2011	952	JY/KT/CJ	6	Amber	1L	4°C	WG	SW8270 SIM	MS/D	30
11FWATAKU060	Otterhound	580-27511	TA-TAC	11FWAMW86-GWS	MW86	7/18/2011	1105	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU060	Otterhound	580-27511	TA-TAC	11FWAMW86-GWS	MW86	7/18/2011	1105	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU060	Otterhound	580-27511	TA-TAC	11FWAMW89-GWS	MW89	7/18/2011	935	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU060	Otterhound	580-27511	TA-TAC	11FWAMW89-GWS	MW89	7/18/2011	935	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU061	Maltese	580-27511	TA-TAC	11FWAMW88-GWS	MW88	7/18/2011	1350	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU061	Maltese	580-27511	TA-TAC	11FWAMW88-GWS	MW88	7/18/2011	1350	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU061	Maltese	580-27511	TA-TAC	11FWAMW90-GWS	MW90	7/18/2011	1342	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU061	Maltese	580-27511	TA-TAC	11FWAMW90-GWS	MW90	7/18/2011	1342	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU062	Chihuahua	580-27511	TA-TAC	11FWAMW82-GWS	MW82	7/19/2011	832	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU062	Chihuahua	580-27511	TA-TAC	11FWAMW82-GWS	MW82	7/19/2011	832	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU062	Chihuahua	580-27511	TA-TAC	11FWAMW87-GWS	MW87	7/18/2011	1450	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU062	Chihuahua	580-27511	TA-TAC	11FWAMW87-GWS	MW87	7/18/2011	1450	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU063	Dalmatian	580-27511	TA-TAC	11FWAMW83-GWS	MW83	7/19/2011	935	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU063	Dalmatian	580-27511	TA-TAC	11FWAMW83-GWS	MW83	7/19/2011	935	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU063	Dalmatian	580-27511	TA-TAC	11FWAMW84-GWS	MW84	7/19/2011	830	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU063	Dalmatian	580-27511	TA-TAC	11FWAMW84-GWS	MW84	7/19/2011	830	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU064	Wirehaired Pointing Griffin	580-27511	TA-TAC	11FWAMW36-GWS	MW36	7/19/2011	942	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU065	Tibetan Mastiff	580-27511	TA-TAC	11FWAMW36-GWS	MW36	7/19/2011	942	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU065	Tibetan Mastiff	580-27511	TA-TAC	11FWAMW36-GWS	MW36	7/19/2011	942	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU065	Tibetan Mastiff	580-27511	TA-TAC	11FWAMW36-GWS	MW36	7/19/2011	942	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU066	Shiba Inu	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU066	Shiba Inu	580-27464	TA-TAC	11FWAMW64-GWS	MW64	7/15/2011	840	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	MS/D	30
11FWATAKU067	Wheaten Terrier	580-27551	TA-TAC	11FWAMW80-GWS	MW80	7/20/2011	1059	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU067	Wheaten Terrier	580-27551	TA-TAC	11FWAMW80-GWS	MW80	7/20/2011	1059	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU068	Norwich Terrier	580-27551	TA-TAC	11FWAMW33-GWS	MW33	7/20/2011	910	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU068	Norwich Terrier	580-27551	TA-TAC	11FWAMW33-GWS	MW33	7/20/2011	910	JY/KT/CJ	2	Amber	1L	4°C_HCL	WG	AK102/103		30
11FWATAKU068	Norwich Terrier	580-27551	TA-TAC	11FWAMW80-GWS	MW80	7/20/2011	1059	JY/KT/CJ	2	Amber	1L	4°C_HCL	WG	AK102/103		30
11FWATAKU068	Norwich Terrier	580-27551	TA-TAC	11FWAMW80-GWS	MW80	7/20/2011	1059	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU069	Norfolk Terrier	580-27551	TA-TAC	11FWAMW61-GWS	MW61	7/20/2011	1130	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU069	Norfolk Terrier	580-27551	TA-TAC	11FWAMW61-GWS	MW61	7/20/2011	1130	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU070	Irish Terrier	580-27551	TA-TAC	11FWAMW56-GWS	MW56	7/20/2011	1132	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU070	Irish Terrier	580-27551	TA-TAC	11FWAMW56-GWS	MW56	7/20/2011	1132	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU071	Pit Bull Terrier	580-27551	TA-TAC	11FWAMW56-GWS	MW56	7/20/2011	1132	JY/KT/CJ	2	Amber	1L	4°C_HCL	WG	AK102/103		30
11FWATAKU071	Pit Bull Terrier	580-27551	TA-TAC	11FWAMW56-GWS	MW56	7/20/2011	1132	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU071	Pit Bull Terrier	580-27551	TA-TAC	11FWAMW61-GWS	MW61	7/20/2011	1130	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU071	Pit Bull Terrier	580-27551	TA-TAC	11FWAMW61-GWS	MW61	7/20/2011	1130	JY/KT/CJ	2	Amber	1L	4°C_HCL	WG	AK102/103		30

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CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU072	Dandie Dinmont	580-27551	TA-TAC	11FWAMW32-GWS	MW32	7/20/2011	905	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU072	Dandie Dinmont	580-27551	TA-TAC	11FWAMW32-GWS	MW32	7/20/2011	905	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU073	Glen of Imaal	580-27551	TA-TAC	11FWAMW12-GWS	MW12	7/20/2011	928	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU073	Glen of Imaal	580-27551	TA-TAC	11FWAMW12-GWS	MW12	7/20/2011	928	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU074	Affenspinscher	580-27551	TA-TAC	11FWAMW12-GWBS	MW12	7/20/2011	928	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU074	Affenspinscher	580-27551	TA-TAC	11FWAMW12-GWS	MW12	7/20/2011	928	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU074	Affenspinscher	580-27551	TA-TAC	11FWAMW32-GWS	MW32	7/20/2011	905	JY/KT/CJ	2	Amber	1L	4°C_HCL	WG	AK102/103		30
11FWATAKU074	Affenspinscher	580-27551	TA-TAC	11FWAMW32-GWS	MW32	7/20/2011	905	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU075	Fox Terrier	580-27551	TA-TAC	11FWAMW12-GWBS	MW12	7/20/2011	928	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU075	Fox Terrier	580-27551	TA-TAC	11FWAMW12-GWBS	MW12	7/20/2011	928	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU076	Komondor	580-27574	TA-TAC	11FWAMW12-GWBS	MW12	7/20/2011	928	JY/KT/CJ	2	Amber	1L	4°C_HCL	WG	AK102/103		30
11FWATAKU076	Komondor	580-27574	TA-TAC	11FWAMW12-GWS	MW12	7/20/2011	928	JY/KT/CJ	2	Amber	1L	4°C_HCL	WG	AK102/103		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW12-GWBS	MW12	7/20/2011	928	JY/KT/CJ	9	VOA	40mL	4°C_HCL	WG	AK101; SW8260; SW8260SIM		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW12-GWS	MW12	7/20/2011	928	JY/KT/CJ	9	VOA	40mL	4°C_HCL	WG	AK101; SW8260; SW8260SIM		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW32-GWS	MW32	7/20/2011	905	JY/KT/CJ	9	VOA	40mL	4°C_HCL	WG	AK101; SW8260; SW8260SIM		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW33-GWS	MW33	7/20/2011	910	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW56-GWS	MW56	7/20/2011	1132	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW61-GWS	MW61	7/20/2011	1130	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW77-GWS	MW77	7/21/2011	845	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW80-GWS	MW80	7/20/2011	1059	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW92-GWS	MW92	7/21/2011	1430	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWAMW93-GWS	MW93	7/21/2011	1300	JY/KT/CJ	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WX	AK101; SW8260; SW8260 LL		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	3	VOA	40mL	4°C	WX	SW8015 Propylene and Ethylene Glycol		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	2	Amber	1L	4°C	WX	SW8081; SW8151; SW8082; SW8270; SW8270 SIM; SW8330		30
11FWATAKU077	American Eskimo Dog	580-27574	TA-TAC	11FWATB05-GWS	TB05	7/20/2011	800	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM	TB	30
11FWATAKU078	Blue Heeler	580-27551	TA-TAC	11FWAMW33-GWS	MW33	7/20/2011	910	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU078	Blue Heeler	580-27551	TA-TAC	11FWAMW33-GWS	MW33	7/20/2011	910	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU079	Shar-Pei	580-27574	TA-TAC	11FWAMW77-GWS	MW77	7/21/2011	845	JY/KT/CJ	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU079	Shar-Pei	580-27574	TA-TAC	11FWAMW77-GWS	MW77	7/21/2011	845	JY/KT/CJ	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU080	French Bulldog	580-27574	TA-TAC	11FWAMW77-GWS	MW77	7/21/2011	845	JY/KT/CJ	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D (SW8330 Only)	30
11FWATAKU080	French Bulldog	580-27574	TA-TAC	11FWAMW77-GWS	MW77	7/21/2011	845	JY/KT/CJ	4	Amber	1L	4°C	WG	SW8330	MS/D	30
11FWATAKU080	French Bulldog	580-27574	TA-TAC	11FWAMW77-GWS	MW77	7/21/2011	845	JY/KT/CJ	2	Amber	1L	4°C, HCl	WG	AK102/103		30
11FWATAKU081	Blood Hound	580-27548	TA-TAC	11FWA-TAKU-WX01	Sewage LS	7/21/2011	1340	JY/KT/CJ	8	Amber	1L	4°C	WX	SW8081; SW8151; SW8082; SW8270; SW8270 SIM; SW8330		30
11FWATAKU104	Mary	580-29125	TA-TAC	11FWAMW39-GWBF	MW39	10/3/2011	1155	CM/PB/SD	2	Amber	1L	4°C, HCl	WG	AK102/103	DUP	30
11FWATAKU104	Mary	580-29125	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	6	Amber	1L	4°C, HCl	WG	AK102/103	MS/D	30
11FWATAKU105	Cody	580-29125	TA-TAC	11FWAMW39-GWBF	MW39	10/3/2011	1155	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU105	Cody	580-29125	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU106	Drew	580-29125	TA-TAC	11FWAMW39-GWBF	MW39	10/3/2011	1155	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU106	Drew	580-29125	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30

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Sample Summary

CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU106	Drew	580-29125	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	3	Poly	500mL	HNO3	WG	SW6010/6020/7470	MS/D	30
11FWATAKU107	Jennifer	580-29125	TA-TAC	11FWAMW39-GWBF	MW39	10/3/2011	1155	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU107	Jennifer	580-29125	TA-TAC	11FWAMW39-GWBF	MW39	10/3/2011	1155	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	DUP	30
11FWATAKU107	Jennifer	580-29125	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU108	Elizabeth	580-29125	TA-TAC	11FWAMW39-GWBF	MW39	10/3/2011	1155	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	DUP	30
11FWATAKU108	Elizabeth	580-29125	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	6	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW08-GWF	MW08	10/4/2011	1204	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW12-GWBF	MW12B	10/4/2011	1155	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW12-GWF	MW12	10/4/2011	1155	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW12-GWF	MW12B	10/4/2011	1155	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW12-GWF	MW12	10/4/2011	1155	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW28-GWF	MW28	10/3/2011	1707	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW39-GWBF	MW39	10/3/2011	1155	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL	DUP	30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	27	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL	MS/D	30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW40-GWF	MW40	10/3/2011	1735	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW47-GWF	MW47	10/3/2011	1145	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW78-GWF	MW78	10/3/2011	1345	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWAMW79-GWF	MW79	10/4/2011	1050	CM/PB/SD	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU109	Christy	580-29142	TA-TAC	11FWATB01-GWF	TB01	10/3/2011	800	JY/KT/CJ	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM	TB	30
11FWATAKU110	Katie	580-29125	TA-TAC	11FWAMW39-GWBF	MW39	10/3/2011	1155	CM/PB/SD	4	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU110	Katie	580-29125	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	4	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU111	Penny	580-29125	TA-TAC	11FWAMW47-GWF	MW47	10/3/2011	1145	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU111	Penny	580-29125	TA-TAC	11FWAMW47-GWF	MW47	10/3/2011	1145	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU112	Phyllys	580-29125	TA-TAC	11FWAMW78-GWF	MW78	10/3/2011	1345	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU112	Phyllys	580-29125	TA-TAC	11FWAMW78-GWF	MW78	10/3/2011	1345	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU113	Kenton	580-29125	TA-TAC	11FWAMW47-GWF	MW47	10/3/2011	1145	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU113	Kenton	580-29125	TA-TAC	11FWAMW47-GWF	MW47	10/3/2011	1145	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU113	Kenton	580-29125	TA-TAC	11FWAMW78-GWF	MW78	10/3/2011	1345	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU113	Kenton	580-29125	TA-TAC	11FWAMW78-GWF	MW78	10/3/2011	1345	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU114	Stephen	580-29125	TA-TAC	11FWAMW40-GWF	MW40	10/3/2011	1735	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU114	Stephen	580-29125	TA-TAC	11FWAMW40-GWF	MW40	10/3/2011	1735	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU115	Derek	580-29125	TA-TAC	11FWAMW28-GWF	MW28	10/3/2011	1707	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU115	Derek	580-29125	TA-TAC	11FWAMW28-GWF	MW28	10/3/2011	1707	CM/PB/SD	1	Amber	1L	4°C+HNO3	WG	SW6010/6020/7471		30
11FWATAKU115	Duke	580-29125	TA-TAC	11FWAMW39-GWF	MW39	10/3/2011	1155	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU116	Angela	580-29125	TA-TAC	11FWAMW40-GWF	MW40	10/3/2011	1735	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU116	Angela	580-29125	TA-TAC	11FWAMW40-GWF	MW40	10/3/2011	1735	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU117	Angela	580-29125	TA-TAC	11FWAMW28-GWF	MW28	10/3/2011	1707	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU117	Angela	580-29125	TA-TAC	11FWAMW28-GWF	MW28	10/3/2011	1707	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU118	Ali	580-29142	TA-TAC	11FWAMW79-GWF	MW79	10/4/2011	1050	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU118	Ali	580-29142	TA-TAC	11FWAMW79-GWF	MW79	10/4/2011	1050	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30

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Sample Summary

CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU119	Rolly	580-29142	TA-TAC	11FWAMW08-GWF	MW08	10/4/2011	1204	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU119	Rolly	580-29142	TA-TAC	11FWAMW08-GWF	MW08	10/4/2011	1204	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU120	Christopher	580-29142	TA-TAC	11FWAMW08-GWF	MW08	10/4/2011	1204	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU120	Christopher	580-29142	TA-TAC	11FWAMW08-GWF	MW08	10/4/2011	1204	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU120	Christopher	580-29142	TA-TAC	11FWAMW79-GWF	MW79	10/4/2011	1050	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU120	Christopher	580-29142	TA-TAC	11FWAMW79-GWF	MW79	10/4/2011	1050	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU121	Dan	580-29142	TA-TAC	11FWAMW61-GWF	MW61	10/4/2011	1440	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU121	Dan	580-29142	TA-TAC	11FWAMW61-GWF	MW61	10/4/2011	1440	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU122	Marty	580-29142	TA-TAC	11FWAMW80-GWF	MW80	10/4/2011	1505	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU122	Marty	580-29142	TA-TAC	11FWAMW80-GWF	MW80	10/4/2011	1505	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU123	Carrie	580-29142	TA-TAC	11FWAMW61-GWF	MW61	10/4/2011	1440	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU123	Carrie	580-29142	TA-TAC	11FWAMW61-GWF	MW61	10/4/2011	1440	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU123	Carrie	580-29142	TA-TAC	11FWAMW80-GWF	MW80	10/4/2011	1505	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU123	Carrie	580-29142	TA-TAC	11FWAMW80-GWF	MW80	10/4/2011	1505	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU124	Shadden	580-29142	TA-TAC	11FWAMW12-GWF	MW12	10/4/2011	1155	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU124	Shadden	580-29142	TA-TAC	11FWAMW12-GWF	MW12	10/4/2011	1155	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU125	Terry	580-29142	TA-TAC	11FWAMW12-GWBF	MW12B	10/4/2011	1155	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU125	Terry	580-29142	TA-TAC	11FWAMW12-GWBF	MW12B	10/4/2011	1155	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU126	Susan	580-29142	TA-TAC	11FWAMW12-GWBF	MW12B	10/4/2011	1155	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU126	Susan	580-29142	TA-TAC	11FWAMW12-GWBF	MW12B	10/4/2011	1155	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU126	Susan	580-29142	TA-TAC	11FWAMW12-GWF	MW12	10/4/2011	1155	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU126	Susan	580-29142	TA-TAC	11FWAMW12-GWF	MW12	10/4/2011	1155	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU127	Forrest	580-29142	TA-TAC	11FWAMW48-GWF	MW48	10/4/2011	1050	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU127	Forrest	580-29142	TA-TAC	11FWAMW48-GWF	MW48	10/4/2011	1050	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU128	Caitlin	580-29142	TA-TAC	11FWAMW57-GWF	MW57	10/4/2011	1255	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU128	Caitlin	580-29142	TA-TAC	11FWAMW57-GWF	MW57	10/4/2011	1255	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU129	Tracy	580-29142	TA-TAC	11FWAMW48-GWF	MW48	10/4/2011	1050	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU129	Tracy	580-29142	TA-TAC	11FWAMW48-GWF	MW48	10/4/2011	1050	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU129	Tracy	580-29142	TA-TAC	11FWAMW57-GWF	MW57	10/4/2011	1255	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU129	Tracy	580-29142	TA-TAC	11FWAMW57-GWF	MW57	10/4/2011	1255	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU130	Jeanette	580-29125	TA-TAC	11FWAMW56-GWF	MW56	10/4/2011	1558	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU130	Jeanette	580-29125	TA-TAC	11FWAMW56-GWF	MW56	10/4/2011	1558	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU131	Todd	580-29125	TA-TAC	11FWAMW33-GWF	MW33	10/4/2011	1735	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU131	Todd	580-29125	TA-TAC	11FWAMW33-GWF	MW33	10/4/2011	1735	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU132	EK	580-29125	TA-TAC	11FWAMW33-GWF	MW33	10/4/2011	1735	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU132	EK	580-29125	TA-TAC	11FWAMW33-GWF	MW33	10/4/2011	1735	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU132	EK	580-29125	TA-TAC	11FWAMW56-GWF	MW56	10/4/2011	1558	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU132	EK	580-29125	TA-TAC	11FWAMW56-GWF	MW56	10/4/2011	1558	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30

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Sample Summary

CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU133	Naoko	580-29175	TA-TAC	11FWAMW38-GWF	MW38	10/5/2011	1650	CJ/CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU133	Naoko	580-29175	TA-TAC	11FWAMW38-GWF	MW38	10/5/2011	1650	CJ/CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU134	Rogue Nation	580-29175	TA-TAC	11FWAMW62-GWF	MW62	10/5/2011	1225	CJ/CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU134	Rogue Nation	580-29175	TA-TAC	11FWAMW62-GWF	MW62	10/5/2011	1225	CJ/CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU135	Jill	580-29175	TA-TAC	11FWAMW38-GWF	MW38	10/5/2011	1650	CJ/CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU135	Jill	580-29175	TA-TAC	11FWAMW38-GWF	MW38	10/5/2011	1650	CJ/CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU135	Jill	580-29175	TA-TAC	11FWAMW62-GWF	MW62	10/5/2011	1225	CJ/CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU135	Jill	580-29175	TA-TAC	11FWAMW62-GWF	MW62	10/5/2011	1225	CJ/CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW06A-GWF	MW06A	10/5/2011	1030	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW32-GWF	MW32	10/5/2011	1625	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW33-GWF	MW33	10/4/2011	1735	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW38-GWF	MW38	10/5/2011	1650	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW43-GWF	MW43	10/5/2011	1445	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW48-GWF	MW48	10/4/2011	1050	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW56-GWF	MW56	10/4/2011	1558	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW57-GWF	MW57	10/4/2011	1255	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW61-GWF	MW61	10/4/2011	1440	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW62-GWF	MW62	10/5/2011	1225	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW76-GWF	MW76	10/5/2011	1800	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWAMW80-GWF	MW80	10/4/2011	1505	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU136	Steve	580-29175	TA-TAC	11FWATB02-GWF	TB02	10/4/2011	800	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM	TB	30
11FWATAKU137	Collin	580-29142	TA-TAC	11FWAMW06A-GWF	MW06A	10/5/2011	1030	CJ/CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU137	Collin	580-29142	TA-TAC	11FWAMW06A-GWF	MW06A	10/5/2011	1030	CJ/CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU138	Kevin	580-29142	TA-TAC	11FWAMW62-GWF	MW62	10/5/2011	1625	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU138	Kevin	580-29142	TA-TAC	11FWAMW62-GWF	MW62	10/5/2011	1625	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU139	Tim	580-29142	TA-TAC	11FWAMW06A-GWF	MW06A	10/5/2011	1030	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU139	Tim	580-29142	TA-TAC	11FWAMW06A-GWF	MW06A	10/5/2011	1030	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU139	Tim	580-29142	TA-TAC	11FWAMW43-GWF	MW43	10/5/2011	1445	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU139	Tim	580-29142	TA-TAC	11FWAMW43-GWF	MW43	10/5/2011	1445	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU140	Erika	580-29175	TA-TAC	11FWAMW32-GWF	MW32	10/5/2011	1625	CJ/CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU140	Erika	580-29175	TA-TAC	11FWAMW32-GWF	MW32	10/5/2011	1625	CJ/CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU141	Kelly	580-29175	TA-TAC	11FWAMW76-GWF	MW76	10/5/2011	1800	CJ/CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU141	Kelly	580-29175	TA-TAC	11FWAMW76-GWF	MW76	10/5/2011	1800	CJ/CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU142	Neil	580-29175	TA-TAC	11FWAMW32-GWF	MW32	10/5/2011	1625	CJ/CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU142	Neil	580-29175	TA-TAC	11FWAMW32-GWF	MW32	10/5/2011	1625	CJ/CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU142	Neil	580-29175	TA-TAC	11FWAMW76-GWF	MW76	10/5/2011	1800	CJ/CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU142	Neil	580-29175	TA-TAC	11FWAMW76-GWF	MW76	10/5/2011	1800	CJ/CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU143	Jon	580-29175	TA-TAC	11FWAMW81-GWF	MW81	10/5/2011	1830	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU143	Jon	580-29175	TA-TAC	11FWAMW81-GWF	MW81	10/5/2011	1830	CM/PB/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU144	Brian	580-29175	TA-TAC	11FWAMW64-GWBF	MW64B	10/5/2011	1010	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU144	Brian	580-29175	TA-TAC	11FWAMW64-GWBF	MW64B	10/5/2011	1010	CM/PB/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU145	Prakruthi	580-29175	TA-TAC	11FWAMW64-GWBF	MW64B	10/5/2011	1010	CM/PB/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30

CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU145	Prakruthi	580-29175	TA-TAC	11FWAMW64-GWBF	MW64B	10/5/2011	1010	CM/PB/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU145	Prakruthi	580-29175	TA-TAC	11FWAMW81-GWF	MW81	10/5/2011	1830	CM/PB/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU145	Prakruthi	580-29175	TA-TAC	11FWAMW81-GWF	MW81	10/5/2011	1830	CM/PB/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW13-GWF	MW13	10/6/2011	1105	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW26-GWF	MW26	10/6/2011	1215	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW36-GWF	MW36	10/6/2011	1510	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW37-GWF	MW37	10/6/2011	1655	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW53-GWF	MW53	10/6/2011	1010	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW64-GWBF	MW64B	10/5/2011	1010	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	27	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL	MS/D	30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW70-GWF	MW70	10/6/2011	1200	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW77-GWF	MW77	10/6/2011	1520	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWAMW81-GWF	MW81	10/5/2011	1830	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU146	Matt	580-29175	TA-TAC	11FWATB03-GWF	TB03	10/5/2011	800	CM/PB/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM	TB	30
11FWATAKU147	Kristi	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU147	Kristi	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470	MS/D	30
11FWATAKU148	Sarah	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU149	Clay	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	4	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU149	Clay	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	4	Amber	1L	4°C+HCl	WG	AK102/103	MS/D	30
11FWATAKU150	Pat	580-29175	TA-TAC	11FWAMW37-GWF	MW37	10/6/2011	1655	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU150	Pat	580-29175	TA-TAC	11FWAMW37-GWF	MW37	10/6/2011	1655	CM/PB/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU151	Hal	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU152	Jenny	580-29175	TA-TAC	11FWAMW37-GWF	MW37	10/6/2011	1655	CM/PB/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU152	Jenny	580-29175	TA-TAC	11FWAMW37-GWF	MW37	10/6/2011	1655	CM/PB/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU152	Jenny	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330	MS/D	30
11FWATAKU152	Jenny	580-29175	TA-TAC	11FWAMW64-GWF	MW64	10/5/2011	1010	CM/PB/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103	MS/D	30
11FWATAKU153	Anthony	580-29175	TA-TAC	11FWAMW36-GWF	MW36	10/6/2011	1510	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU153	Anthony	580-29175	TA-TAC	11FWAMW36-GWF	MW36	10/6/2011	1510	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU154	Greg	580-29175	TA-TAC	11FWAMW77-GWF	MW77	10/6/2011	1520	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU154	Greg	580-29175	TA-TAC	11FWAMW77-GWF	MW77	10/6/2011	1520	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU155	Jackie	580-29175	TA-TAC	11FWAMW36-GWF	MW36	10/6/2011	1510	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU155	Jackie	580-29175	TA-TAC	11FWAMW36-GWF	MW36	10/6/2011	1510	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU155	Jackie	580-29175	TA-TAC	11FWAMW77-GWF	MW77	10/6/2011	1520	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU155	Jackie	580-29175	TA-TAC	11FWAMW77-GWF	MW77	10/6/2011	1520	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU156	Mark	580-29181	TA-TAC	11FWAMW70-GWF	MW70	10/6/2011	1200	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU156	Mark	580-29181	TA-TAC	11FWAMW70-GWF	MW70	10/6/2011	1200	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU157	Jodi	580-29181	TA-TAC	11FWAMW53-GWF	MW53	10/6/2011	1010	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU157	Jodi	580-29181	TA-TAC	11FWAMW53-GWF	MW53	10/6/2011	1010	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU158	David	580-29181	TA-TAC	11FWAMW53-GWF	MW53	10/6/2011	1010	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU158	David	580-29181	TA-TAC	11FWAMW53-GWF	MW53	10/6/2011	1010	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU158	David	580-29181	TA-TAC	11FWAMW70-GWF	MW70	10/6/2011	1200	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30

FCS 2011 Groundwater Monitoring After-Action Report
Sample Summary

CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU158	David	580-29181	TA-TAC	11FWAMW70-GWF	MW70	10/6/2011	1200	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU159	Theresa	580-29181	TA-TAC	11FWAMW26-GWF	MW26	10/6/2011	1215	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU159	Theresa	580-29181	TA-TAC	11FWAMW26-GWF	MW26	10/6/2011	1215	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU160	Anna	580-29181	TA-TAC	11FWAMW13-GWF	MW13	10/6/2011	1105	CM/PB/SD	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU160	Anna	580-29181	TA-TAC	11FWAMW13-GWF	MW13	10/6/2011	1105	CM/PB/SD	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU161	Beki	580-29181	TA-TAC	11FWAMW13-GWF	MW13	10/6/2011	1105	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU161	Beki	580-29181	TA-TAC	11FWAMW13-GWF	MW13	10/6/2011	1105	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU161	Beki	580-29181	TA-TAC	11FWAMW26-GWF	MW26	10/6/2011	1215	CM/PB/SD	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU161	Beki	580-29181	TA-TAC	11FWAMW26-GWF	MW26	10/6/2011	1215	CM/PB/SD	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU162	Kathy	580-29181	TA-TAC	11FWAMW69-GWF	MW69	10/6/2011	1000	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU162	Kathy	580-29181	TA-TAC	11FWAMW69-GWF	MW69	10/6/2011	1000	CM/PB/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU163	Valentine	580-29181	TA-TAC	11FWAMW45-GWF	MW45	10/6/2011	1235	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU163	Valentine	580-29181	TA-TAC	11FWAMW45-GWF	MW45	10/6/2011	1235	CM/PB/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU164	Dr. Dave	580-29181	TA-TAC	11FWAMW45-GWF	MW45	10/6/2011	1235	CM/PB/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU164	Dr. Dave	580-29181	TA-TAC	11FWAMW45-GWF	MW45	10/6/2011	1235	CM/PB/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU164	Dr. Dave	580-29181	TA-TAC	11FWAMW69-GWF	MW69	10/6/2011	1000	CM/PB/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU164	Dr. Dave	580-29181	TA-TAC	11FWAMW69-GWF	MW69	10/6/2011	1000	CM/PB/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW03-GWF	MW03	10/6/2011	1525	CM/CJ/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW35-GWF	MW35	10/7/2011	1020	CM/CJ/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW45-GWF	MW45	10/6/2011	1235	CM/CJ/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW58-GWF	MW58	10/8/2011	945	CM/CJ/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW69-GWF	MW69	10/6/2011	1000	CM/CJ/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW82-GWF	MW82	10/7/2011	1210	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW83-GWF	MW83	10/7/2011	1320	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW84-GWF	MW84	10/7/2011	1535	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW86-GWF	MW86	10/7/2011	1140	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW87-GWF	MW87	10/7/2011	1012	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW88-GWF	MW88	10/7/2011	1355	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWAMW90-GWF	MW90	10/7/2011	1445	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU165	Jenni	580-29203	TA-TAC	11FWATB04-GWF	TB04	10/6/2011	800	CM/CJ/SD/KH	9	VOA	40mL	4°C, HCl	WG	AK101; SW8260; SW8260SIM	TB	30
11FWATAKU166	Mindy	580-29181	TA-TAC	11FWAMW03-GWF	MW03	10/6/2011	1525	CM/PB/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU166	Mindy	580-29181	TA-TAC	11FWAMW03-GWF	MW03	10/6/2011	1525	CM/PB/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU167	Belway	580-29181	TA-TAC	11FWAMW03-GWF	MW03	10/6/2011	1525	CM/PB/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8082		30
11FWATAKU167	Belway	580-29181	TA-TAC	11FWAMW03-GWF	MW03	10/6/2011	1525	CM/PB/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU167	Belway	580-29181	TA-TAC	11FWAMW03-GWF	MW03	10/6/2011	1525	CM/PB/SD/KH	4	Amber	1L	4°C	WG	SW8082	MS/D	30
11FWATAKU168	Pete	580-29203	TA-TAC	11FWAMW03-GWBF	MW03B	10/6/2011	1525	CM/CJ/SD/KH	1	Amber	1L	4°C	WG	SW8082		30
11FWATAKU168	Pete	580-29203	TA-TAC	11FWAMW03-GWF	MW03B	10/6/2011	1525	CM/CJ/SD/KH	1	Amber	1L	4°C	WG	SW8082	MS/D	30
11FWATAKU168	Pete	580-29203	TA-TAC	11FWAMW85-GWBF	MW85B	10/7/2011	1035	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU168	Pete	580-29203	TA-TAC	11FWAMW85-GWF	MW85	10/7/2011	1035	CM/CJ/SD/KH	18	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL	MS/D	30
11FWATAKU168	Pete	580-29203	TA-TAC	11FWAMW89-GWF	MW89	10/7/2011	1530	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU168	Pete	580-29203	TA-TAC	11FWAMW93-GWF	MW93	10/8/2011	1303	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU168	Pete	580-29203	TA-TAC	11FWAMW94-GWF	MW94	10/8/2011	1407	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260 LL		30
11FWATAKU168	Pete	580-29203	TA-TAC	11FWATB05-GWF	TB05	10/7/2011	800	CM/CJ/SD/KH	6	VOA	40mL	4°C, HCl	WG	SW8260; SW8260SIM	TB	30
11FWATAKU173	Trudy	580-29203	TA-TAC	11FWAMW58-GWF	MW58	10/8/2011	945	CM/CJ/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU173	Trudy	580-29203	TA-TAC	11FWAMW58-GWF	MW58	10/8/2011	945	CM/CJ/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30

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Sample Summary

CoC Number	Cooler ID	SDG	Lab	CoC Sample ID	Location ID	Date	Time	Sampler	QTY	Container	Volume	Preservation	Matrix	Method	QC	TAT (days)
11FWATAKU174	Scott	580-29203	TA-TAC	11FWAMW35-GWF	MW35	10/7/2011	1020	CM/CJ/SD/KH	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU174	Scott	580-29203	TA-TAC	11FWAMW35-GWF	MW35	10/7/2011	1020	CM/CJ/SD/KH	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU175	Kari	580-29203	TA-TAC	11FWAMW35-GWF	MW35	10/7/2011	1020	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU175	Kari	580-29203	TA-TAC	11FWAMW35-GWF	MW35	10/7/2011	1020	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU175	Kari	580-29203	TA-TAC	11FWAMW58-GWF	MW58	10/8/2011	945	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU175	Kari	580-29203	TA-TAC	11FWAMW58-GWF	MW58	10/8/2011	945	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU176	Al	580-29203	TA-TAC	11FWAMW82-GWF	MW82	10/7/2011	1210	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU176	Al	580-29203	TA-TAC	11FWAMW82-GWF	MW82	10/7/2011	1210	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU176	Al	580-29203	TA-TAC	11FWAMW83-GWF	MW83	10/7/2011	1320	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU176	Al	580-29203	TA-TAC	11FWAMW83-GWF	MW83	10/7/2011	1320	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU177	KellyG	580-29203	TA-TAC	11FWAMW84-GWF	MW84	10/7/2011	1535	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU177	KellyG	580-29203	TA-TAC	11FWAMW84-GWF	MW84	10/7/2011	1535	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU177	KellyG	580-29203	TA-TAC	11FWAMW90-GWF	MW90	10/7/2011	1445	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU177	KellyG	580-29203	TA-TAC	11FWAMW90-GWF	MW90	10/7/2011	1445	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU178	Robbie	580-29203	TA-TAC	11FWAMW86-GWF	MW86	10/7/2011	1140	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU178	Robbie	580-29203	TA-TAC	11FWAMW86-GWF	MW86	10/7/2011	1140	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU178	Robbie	580-29203	TA-TAC	11FWAMW87-GWF	MW87	10/7/2011	1012	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU178	Robbie	580-29203	TA-TAC	11FWAMW87-GWF	MW87	10/7/2011	1012	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU179	Cory	580-29203	TA-TAC	11FWAMW88-GWF	MW88	10/7/2011	1355	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU179	Cory	580-29203	TA-TAC	11FWAMW88-GWF	MW88	10/7/2011	1355	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU179	Cory	580-29203	TA-TAC	11FWAMW89-GWF	MW89	10/7/2011	1530	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU179	Cory	580-29203	TA-TAC	11FWAMW89-GWF	MW89	10/7/2011	1530	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU180	Tyson	580-29203	TA-TAC	11FWAMW85-GWF	MW85	10/7/2011	1035	CM/CJ/SD/KH	4	Amber	1L	4°C	WG	SW8270 SIM	MS/D	30
11FWATAKU180	Tyson	580-29203	TA-TAC	11FWAMW85-GWF	MW85	10/7/2011	1035	CM/CJ/SD/KH	4	Amber	1L	4°C+HCl	WG	AK102/103	MS/D	30
11FWATAKU181	Monte	580-29203	TA-TAC	11FWAMW85-GWBF	MW85B	10/7/2011	1035	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM		30
11FWATAKU181	Monte	580-29203	TA-TAC	11FWAMW85-GWBF	MW85B	10/7/2011	1035	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU181	Monte	580-29203	TA-TAC	11FWAMW85-GWF	MW85	10/7/2011	1035	CM/CJ/SD/KH	2	Amber	1L	4°C	WG	SW8270 SIM	MS/D	30
11FWATAKU181	Monte	580-29203	TA-TAC	11FWAMW85-GWF	MW85	10/7/2011	1035	CM/CJ/SD/KH	2	Amber	1L	4°C+HCl	WG	AK102/103	MS/D	30
11FWATAKU182	Ronin	580-29332	TA-TAC	11FWAMW91-GWF	MW91	10/15/2011	1120	CJ/SB	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8321		30
11FWATAKU182	Ronin	580-29332	TA-TAC	11FWAMW91-GWF	MW91	10/15/2011	1120	CJ/SB	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU183	Kiska	580-29332	TA-TAC	11FWAMW92-GWF	MW92	10/15/2011	1000	CJ/SB	8	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8330		30
11FWATAKU183	Kiska	580-29332	TA-TAC	11FWAMW92-GWF	MW92	10/15/2011	1000	CJ/SB	1	Poly	500mL	HNO3	WG	SW6010/6020/7470		30
11FWATAKU184	Hooper	580-29332	TA-TAC	11FWAMW91-GWF	MW91	10/15/2011	1120	CJ/SB	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8321		30
11FWATAKU184	Hooper	580-29332	TA-TAC	11FWAMW91-GWF	MW91	10/15/2011	1120	CJ/SB	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU184	Hooper	580-29332	TA-TAC	11FWAMW91-GWF	MW91	10/15/2011	1120	CJ/SB	3	VOA	40mL	4°C+HCl	WG	AK101		30
11FWATAKU184	Hooper	580-29332	TA-TAC	11FWAMW92-GWF	MW92	10/15/2011	1000	CJ/SB	2	Amber	1L	4°C	WG	SW8081; SW8151; SW8270; SW8270 SIM; SW8321		30
11FWATAKU184	Hooper	580-29332	TA-TAC	11FWAMW92-GWF	MW92	10/15/2011	1000	CJ/SB	2	Amber	1L	4°C+HCl	WG	AK102/103		30
11FWATAKU184	Hooper	580-29332	TA-TAC	11FWAMW92-GWF	MW92	10/15/2011	1000	CJ/SB	3	VOA	40mL	4°C+HCl	WG	AK101		30
11FWATAKU184	Hooper	580-29332	TA-TAC	11FWATB05-GWF	TB05	10/15/2011	800	CJ/SB	3	VOA	40mL	4°C+HCl	WG	AK101		30

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Spring 2011 Sampling Event

			Location	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW32-	11FWAMW32-	11FWAMW33-	11FWAMW33-
			Sample ID	11FWAMW12-GWBS	11FWAMW12-GWBS	11FWAMW12-GWS	11FWAMW12-GWS	11FWAMW32-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW33-GWS
			Laboratory Sample ID	27551-2	27551-2	27551-1	27551-1	27551-3	27551-3	27551-4	27551-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	-	-	-	-	-	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	-	-	-	-	0.11 [0.098] JL-	-	**6.7 [0.094] JL-**
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	-	-	-	-	0.15 [0.098]	-	**1.1 [0.094]**
SW6010B	Aluminum		mg/L	-	ND [1] SJ-	-	ND [1] SJ-	-	ND [1]	-	ND [1]
SW6010B	Boron		mg/L	-	ND [2.5] SJ-	-	ND [2.5] SJ-	-	ND [2.5]	-	ND [2.5]
SW6010B	Calcium		mg/L	-	76 [1.1] SJ-	-	76 [1.1] SJ-	-	84 [1.1]	-	72 [1.1]
SW6010B	Iron		mg/L	-	17 [0.2] SJ-	-	17 [0.2] SJ-	-	1.1 [0.2]	-	32 [0.2]
SW6010B	Magnesium		mg/L	-	20 [1.1] SJ-	-	20 [1.1] SJ-	-	22 [1.1]	-	17 [1.1]
SW6010B	Potassium		mg/L	-	5 [3.3] SJ-	-	5.1 [3.3] SJ-	-	4.6 [3.3]	-	4.3 [3.3]
SW6010B	Sodium		mg/L	-	5.4 [2] SJ-	-	5.4 [2] SJ-	-	5.1 [2]	-	5.2 [2]
SW6020	Antimony	0.006	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]
SW6020	Arsenic	0.01	mg/L	-	0.0095 [0.005] SJ-	-	0.0096 [0.005] SJ-	-	ND [0.005]	-	**0.026 [0.005]**
SW6020	Barium	2	mg/L	-	0.23 [0.006] SJ-	-	0.22 [0.006] SJ-	-	0.15 [0.006]	-	0.25 [0.006]
SW6020	Beryllium	0.004	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]
SW6020	Cadmium	0.005	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]
SW6020	Chromium	0.1	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]
SW6020	Cobalt		mg/L	-	0.0012 [0.002] J, SJ-	-	0.0012 [0.002] J, SJ-	-	0.00082 [0.002] J	-	ND [0.002]
SW6020	Copper	1	mg/L	-	0.0025 [0.005] J, B, SJ-	-	0.002 [0.005] J, B, SJ-	-	0.0012 [0.005] J, B	-	0.002 [0.005] J, B
SW6020	Lead	0.015	mg/L	-	0.00046 [0.002] J, SJ-	-	0.00044 [0.002] J, SJ-	-	ND [0.002]	-	0.0003 [0.002] J
SW6020	Manganese		mg/L	-	1.3 [0.002] SJ-	-	1.4 [0.002] SJ-	-	0.64 [0.002]	-	1.3 [0.002]
SW6020	Nickel	0.1	mg/L	-	ND [0.015] SJ-	-	ND [0.015] SJ-	-	0.0046 [0.015] J	-	ND [0.015]
SW6020	Selenium	0.05	mg/L	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005]
SW6020	Silver	0.1	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]
SW6020	Thallium	0.002	mg/L	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005]
SW6020	Vanadium	0.26	mg/L	-	ND [0.01] SJ-	-	ND [0.01] SJ-	-	ND [0.01]	-	ND [0.01]
SW6020	Zinc	5	mg/L	-	ND [0.007] SJ-	-	ND [0.007] SJ-	-	ND [0.007]	-	ND [0.007]
SW7470A	Mercury	0.002	mg/L	-	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]
SW8081	4,4'-DDD		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002]	-	0.000019 [0.00002] J
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002]	-	ND [0.00002]
SW8081	4,4'-DDT	0.0025	mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002]	-	0.000032 [0.00002]
SW8081	Aldrin	0.00005	mg/L	-	ND [0.0000096] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001]	-	ND [0.0000098]
SW8081	alpha-BHC	0.00014	mg/L	-	0.000035 [0.0000096] SJ-	-	0.000027 [0.0000096] SJ-	-	ND [0.00001]	-	0.000023 [0.0000098]
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.0000096] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001]	-	ND [0.0000098]
SW8081	beta-BHC	0.00047	mg/L	-	0.000063 [0.000019] JD, SJ-	-	0.000072 [0.000019] JD, SJ-	-	ND [0.00002]	-	0.000015 [0.00002] J
SW8081	delta-BHC		mg/L	-	0.00001 [0.0000096] SJ-	-	0.00001 [0.0000096] SJ-	-	ND [0.00001]	-	ND [0.0000098]
SW8081	Dieldrin	0.000053	mg/L	-	0.000039 [0.000019] SJ-	-	0.000033 [0.000019] SJ-	-	ND [0.00002]	-	ND [0.00002]
SW8081	Endosulfan I		mg/L	-	0.000042 [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002]	-	ND [0.00002]
SW8081	Endosulfan II		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	0.0000049 [0.00002] J	-	0.000059 [0.00002]
SW8081	Endosulfan sulfate		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002]	-	ND [0.00002]
SW8081	Endrin	0.002	mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002]	-	0.000032 [0.00002]
SW8081	Endrin aldehyde		mg/L	-	ND [0.000048] SJ-	-	ND [0.000048] SJ-	-	ND [0.00005]	-	0.00012 [0.000049]
SW8081	Endrin ketone		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002]	-	ND [0.00002]
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	0.000019 [0.0000096] SJ-	-	0.00003 [0.0000096] SJ-	-	ND [0.00001]	-	ND [0.0000098]
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.0000096] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001]	-	ND [0.0000098]
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.0000096] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001]	-	ND [0.0000098]

			Location	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW32-	11FWAMW32-	11FWAMW33-	11FWAMW33-
			Sample ID	11FWAMW12-GWBS	11FWAMW12-GWBS	11FWAMW12-GWS	11FWAMW12-GWS	11FWAMW32-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW33-GWS
			Laboratory Sample ID	27551-2	27551-2	27551-1	27551-1	27551-3	27551-3	27551-4	27551-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.0000096] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001]	-	ND [0.0000098]
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.000096] SJ-	-	0.000065 [0.000096] J, SJ-	-	ND [0.0001]	-	0.00028 [0.000098]
SW8081	Toxaphene	0.003	mg/L	-	ND [0.00096] SJ-	-	ND [0.00096] SJ-	-	ND [0.001]	-	ND [0.00098]
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00028]	-	ND [0.00024] JS-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00028]	-	ND [0.00024] JS-
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00028]	-	ND [0.00024] JS-
SW8151A	2,4-DB		mg/L	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00028]	-	ND [0.00024] JS-
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00028]	-	ND [0.00024] JS-
SW8151A	Dalapon		mg/L	-	ND [0.00041] SJ-	-	ND [0.00041] SJ-	-	ND [0.00044]	-	ND [0.00039] JS-
SW8151A	Dicamba		mg/L	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00028]	-	ND [0.00024] JS-
SW8151A	Dichlorprop		mg/L	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00028]	-	ND [0.00024] JS-
SW8151A	Dinoseb		mg/L	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00028]	-	ND [0.00024] JS-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1-Dichloropropene		mg/L	-	-	-	-	-	-	-	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	-	-	-	-	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	-	-	-	-	-	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	-	-	-	-	-	-	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	-	-	-	-	-	-	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	-	-	-	-	-	-	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	-	-	-	-	-	-	-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	-	-	-	-	-	-	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	-	-	-	-	-	-	-
SW8260	1,3-Dichloropropane		mg/L	-	-	-	-	-	-	-	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	-	-	-	-	-	-	-
SW8260	2,2-Dichloropropane		mg/L	-	-	-	-	-	-	-	-
SW8260	2-Butanone	22	mg/L	-	-	-	-	-	-	-	-
SW8260	2-Chlorotoluene		mg/L	-	-	-	-	-	-	-	-
SW8260	2-Hexanone		mg/L	-	-	-	-	-	-	-	-
SW8260	4-Chlorotoluene		mg/L	-	-	-	-	-	-	-	-

FCS 2011 Groundwater Monitoring After-Action Report
Spring 2011 Sampling Event

			Location	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW32-	11FWAMW32-	11FWAMW33-	11FWAMW33-
			Sample ID	11FWAMW12-GWBS	11FWAMW12-GWBS	11FWAMW12-GWS	11FWAMW12-GWS	11FWAMW32-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW33-GWS
			Laboratory Sample ID	27551-2	27551-2	27551-1	27551-1	27551-3	27551-3	27551-4	27551-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8260	4-Isopropyltoluene		mg/L	-	-	-	-	-	-	-	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	-	-	-	-	-	-	-
SW8260	Acetone	33	mg/L	-	-	-	-	-	-	-	-
SW8260	Benzene	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260	Bromobenzene		mg/L	-	-	-	-	-	-	-	-
SW8260	Bromochloromethane		mg/L	-	-	-	-	-	-	-	-
SW8260	Bromodichloromethane	0.014	mg/L	-	-	-	-	-	-	-	-
SW8260	Bromoform	0.11	mg/L	-	-	-	-	-	-	-	-
SW8260	Bromomethane	0.051	mg/L	-	-	-	-	-	-	-	-
SW8260	Carbon disulfide	3.7	mg/L	-	-	-	-	-	-	-	-
SW8260	Carbon tetrachloride	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260	Chlorobenzene	0.1	mg/L	-	-	-	-	-	-	-	-
SW8260	Chloroethane	0.29	mg/L	-	-	-	-	-	-	-	-
SW8260	Chloroform	0.14	mg/L	-	-	-	-	-	-	-	-
SW8260	Chloromethane	0.066	mg/L	-	-	-	-	-	-	-	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	-	-	-	-	-	-	-
SW8260	cis-1,3-Dichloropropene		mg/L	-	-	-	-	-	-	-	-
SW8260	Dibromochloromethane	0.01	mg/L	-	-	-	-	-	-	-	-
SW8260	Dibromomethane		mg/L	-	-	-	-	-	-	-	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	-	-	-	-	-	-	-
SW8260	Ethylbenzene	0.7	mg/L	-	-	-	-	-	-	-	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8260	Isopropylbenzene	3.7	mg/L	-	-	-	-	-	-	-	-
SW8260	Methylene chloride	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	-	-	-	-	-	-	-
SW8260	Naphthalene	0.73	mg/L	-	-	-	-	-	-	-	-
SW8260	n-Butylbenzene	0.37	mg/L	-	-	-	-	-	-	-	-
SW8260	n-Propylbenzene	0.37	mg/L	-	-	-	-	-	-	-	-
SW8260	o-Xylene	10	mg/L	-	-	-	-	-	-	-	-
SW8260	sec-Butylbenzene	0.37	mg/L	-	-	-	-	-	-	-	-
SW8260	Styrene	0.1	mg/L	-	-	-	-	-	-	-	-
SW8260	tert-Butylbenzene	0.37	mg/L	-	-	-	-	-	-	-	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260	Toluene	1	mg/L	-	-	-	-	-	-	-	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	-	-	-	-	-	-	-
SW8260	trans-1,3-Dichloropropene		mg/L	-	-	-	-	-	-	-	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260	Trichlorofluoromethane	11	mg/L	-	-	-	-	-	-	-	-
SW8260	Vinyl chloride	0.002	mg/L	-	-	-	-	-	-	-	-
SW8260	Xylene, Isomers m & p	10	mg/L	-	-	-	-	-	-	-	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	-	-	-	-	-	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	-	-	-	-	-	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	-	-	-	-	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	-	-	-	-	-	-	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260B	Benzene	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	-	-	-	-	-	-	-

			Location	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW32-	11FWAMW32-	11FWAMW33-	11FWAMW33-
			Sample ID	11FWAMW12-GWBS	11FWAMW12-GWBS	11FWAMW12-GWS	11FWAMW12-GWS	11FWAMW32-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW33-GWS
			Laboratory Sample ID	27551-2	27551-2	27551-1	27551-1	27551-3	27551-3	27551-4	27551-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	-	-	-	-	-	-	-
SW8260B	Vinyl chloride	0.002	mg/L	-	-	-	-	-	-	-	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.0029] SJ-	-	ND [0.0031] SJ-	-	ND [0.00033]	-	ND [0.0031]
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.0098] JL-, SJ-	-	ND [0.01] JL-, SJ-	-	ND [0.0011] JL-	-	ND [0.01] JL-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.025] SJ-	-	ND [0.026] SJ-	-	ND [0.0027]	-	ND [0.026]
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	ND [0.000033]	-	ND [0.00031]
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.02] SJ-	-	ND [0.02] SJ-	-	ND [0.0022]	-	ND [0.02]
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.00098] SJ-	-	ND [0.001] SJ-	-	ND [0.00011]	-	ND [0.001]
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	2-Nitroaniline		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	2-Nitrophenol		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.0098] SJ-	-	ND [0.01] SJ-	-	ND [0.0011]	-	ND [0.01]
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.0039] SJ-	-	ND [0.0041] SJ-	-	ND [0.00043]	-	ND [0.0041]
SW8270	3-Nitroaniline		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	4-Nitroaniline		mg/L	-	ND [0.0029] SJ-	-	ND [0.0031] SJ-	-	ND [0.00033]	-	ND [0.0031]
SW8270	4-Nitrophenol		mg/L	-	ND [0.0098] SJ-	-	ND [0.01] SJ-	-	ND [0.0011]	-	ND [0.01]
SW8270	Acenaphthene	2.2	mg/L	-	ND [0.00049] SJ-	-	ND [0.00051] SJ-	-	ND [0.000054]	-	ND [0.00051]
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.00039] SJ-	-	ND [0.00041] SJ-	-	ND [0.000043]	-	ND [0.00041]
SW8270	Anthracene	11	mg/L	-	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.000022]	-	ND [0.0002]
SW8270	Azobenzene		mg/L	-	ND [0.0049] SJ-	-	ND [0.0051] SJ-	-	ND [0.00054]	-	ND [0.0051]
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	ND [0.000033]	-	ND [0.00031]
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.000022]	-	ND [0.0002]
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00039] SJ-	-	ND [0.00041] SJ-	-	ND [0.000043]	-	ND [0.00041]
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	ND [0.000033]	-	ND [0.00031]
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	ND [0.000033]	-	ND [0.00031]
SW8270	Benzoic acid	150	mg/L	-	ND [0.0098] SJ-	-	ND [0.01] SJ-	-	0.00086 [0.0011] J	-	ND [0.01]
SW8270	Benzyl alcohol		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	0.000059 [0.00022] J	-	ND [0.002]
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	ND [0.0029] SJ-	-	ND [0.0031] SJ-	-	0.00012 [0.00033] J, JL+	-	ND [0.0031]
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	*ND [0.002] E, SJ-*	-	*ND [0.002] E, SJ-*	-	ND [0.00022]	-	*ND [0.002] E*
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	**0.011 [0.015] J, SJ-**	-	*ND [0.015] E, SJ-*	-	ND [0.0016]	-	*ND [0.015] E*
SW8270	Carbazole	0.043	mg/L	-	ND [0.002] SJ-	-	0.00082 [0.002] J, SJ-	-	ND [0.00022]	-	ND [0.002]

			Location	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW32-	11FWAMW32-	11FWAMW33-	11FWAMW33-
			Sample ID	11FWAMW12-GWBS	11FWAMW12-GWBS	11FWAMW12-GWS	11FWAMW12-GWS	11FWAMW32-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW33-GWS
			Laboratory Sample ID	27551-2	27551-2	27551-1	27551-1	27551-3	27551-3	27551-4	27551-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8270	Chrysene	0.12	mg/L	-	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.000022]	-	ND [0.0002]
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	*ND [0.00029] E, SJ-*	-	*ND [0.00031] E, SJ-*	-	ND [0.000033]	-	*ND [0.00031] E*
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	Diethyl phthalate	29	mg/L	-	ND [0.002] SJ-	-	0.0032 [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	0.00018 [0.00022] J, B,	-	ND [0.002]
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.00025] SJ-	-	ND [0.00026] SJ-	-	ND [0.000027]	-	ND [0.00026]
SW8270	Fluorene	1.5	mg/L	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	ND [0.000033]	-	ND [0.00031]
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	-	ND [0.0029] SJ-	-	ND [0.0031] SJ-	-	ND [0.00033]	-	ND [0.0031]
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.0029] SJ-	-	ND [0.0031] SJ-	-	ND [0.00033]	-	ND [0.0031]
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	ND [0.000033]	-	ND [0.00031]
SW8270	Isophorone	0.9	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	Naphthalene	0.73	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	*ND [0.0098] E, SJ-*	-	*ND [0.01] E, SJ-*	-	*ND [0.0011] E*	-	*ND [0.01] E*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	*ND [0.002] E, SJ-*	-	*ND [0.002] E, SJ-*	-	ND [0.00022]	-	*ND [0.002] E*
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.00022]	-	ND [0.002]
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.0034] SJ-	-	ND [0.0036] SJ-	-	ND [0.00038]	-	ND [0.0036]
SW8270	Phenanthrene	11	mg/L	-	ND [0.00039] SJ-	-	ND [0.00041] SJ-	-	ND [0.000043]	-	ND [0.00041]
SW8270	Phenol	11	mg/L	-	ND [0.0029] SJ-	-	ND [0.0031] SJ-	-	ND [0.00033]	-	ND [0.0031]
SW8270	Pyrene	1.1	mg/L	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	ND [0.000033]	-	ND [0.00031]
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	0.00046 [0.00013] SJ-	-	0.00053 [0.00013] SJ-	-	ND [0.000014]	-	0.00021 [0.00013]
8270SIM	Acenaphthene	2.2	mg/L	-	ND [0.00098] SJ-	-	ND [0.001] SJ-	-	ND [0.000011]	-	ND [0.001]
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.00098] SJ-	-	ND [0.001] SJ-	-	ND [0.000011]	-	ND [0.001]
8270SIM	Anthracene	11	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	0.000052 [0.0001] J
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	ND [0.0001]
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.000022]	-	ND [0.0002]
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	ND [0.0001]
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	ND [0.0001]
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	ND [0.0001]
8270SIM	Chrysene	0.12	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	ND [0.0001]
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	ND [0.0001]
8270SIM	Fluoranthene	1.5	mg/L	-	0.00013 [0.000098] SJ-	-	0.00012 [0.0001] SJ-	-	ND [0.000011]	-	0.000039 [0.0001] J
8270SIM	Fluorene	1.5	mg/L	-	ND [0.00098] SJ-	-	ND [0.001] SJ-	-	ND [0.000011]	-	ND [0.001]
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	ND [0.0001]
8270SIM	Naphthalene	0.73	mg/L	-	0.0006 [0.000098] SJ-	-	0.00063 [0.0001] SJ-	-	0.0000039 [0.000011] J	-	0.00022 [0.0001]
8270SIM	Phenanthrene	11	mg/L	-	ND [0.000098] SJ-	-	ND [0.0001] SJ-	-	ND [0.000011]	-	0.000039 [0.0001] J
8270SIM	Pyrene	1.1	mg/L	-	0.00005 [0.000098] J, SJ-	-	0.000052 [0.0001] J, SJ-	-	ND [0.000011]	-	0.000078 [0.0001] J
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	ND [0.00099] SJ-	-	ND [0.00099] SJ-	-	ND [0.001]	-	ND [0.00099]	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	ND [0.0004] SJ-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.0004]	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	ND [0.0004] SJ-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.0004]	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0004] SJ-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.0004]	-

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			Location	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW12-	11FWAMW32-	11FWAMW32-	11FWAMW33-	11FWAMW33-
			Sample ID	11FWAMW12-GWBS	11FWAMW12-GWBS	11FWAMW12-GWS	11FWAMW12-GWS	11FWAMW32-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW33-GWS
			Laboratory Sample ID	27551-2	27551-2	27551-1	27551-1	27551-3	27551-3	27551-4	27551-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	**0.0016 [0.0002] JS+, JD, SJ-**	-	0.00072 [0.0002] JS+, JD, SJ-	-	ND [0.0002]	-	**0.0025 [0.0002] JS+**	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	0.0067 [0.0002] JS+, JD, JS-	-	0.0016 [0.0002] JS+, JD, SJ-	-	ND [0.0002]	-	0.0051 [0.0002] JS+	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	m-Nitrotoluene	0.73	mg/L	ND [0.0004] SJ-	-	0.0025 [0.0004] JS+, SJ-	-	ND [0.0004]	-	ND [0.0004]	-
SW8330	Nitrobenzene	0.018	mg/L	ND [0.0004] SJ-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.0004]	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	ND [0.0004] SJ-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.0004]	-
SW8330	o-Nitrotoluene	0.0037	mg/L	**0.021 [0.0004] JS+, SJ-**	-	**0.018 [0.0004] JS+, SJ-**	-	ND [0.0004]	-	**0.012 [0.0004] JS+**	-
SW8330	p-Nitrotoluene	0.05	mg/L	ND [0.00099] SJ-	-	ND [0.00099] SJ-	-	ND [0.001]	-	ND [0.00099]	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	11FWAMW35-	11FWAMW36-	11FWAMW36-	11FWAMW37-	11FWAMW56-	11FWAMW56-	11FWAMW58-	11FWAMW61-
			Sample ID	11FWAMW35-GWS	11FWAMW36-GWS	11FWAMW36-GWS	11FWAMW37-GWS	11FWAMW56-GWS	11FWAMW56-GWS	11FWAMW58-GWS	11FWAMW61-GWS
			Laboratory Sample ID	27511-1	27511-14	27511-14	27511-2	27551-7	27551-7	27511-3	27551-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/19/2011	7/19/2011	7/16/2011	7/20/2011	7/20/2011	7/16/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	ND [0.05]	-	ND [0.05]	ND [0.05]	-	-	0.019 [0.05] J, SJ-	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	-	0.052 [0.1] J	-	-	0.11 [0.098] JL-, SJ-	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	-	0.13 [0.1]	-	-	0.079 [0.098] J, SJ-	-	-
SW6010B	Aluminum		mg/L	-	-	ND [1]	-	-	ND [1] SJ-	-	-
SW6010B	Boron		mg/L	-	-	ND [2.5]	-	-	ND [2.5] SJ-	-	-
SW6010B	Calcium		mg/L	-	-	81 [1.1] J	-	-	94 [1.1] SJ-	-	-
SW6010B	Iron		mg/L	-	-	0.056 [0.2] J	-	-	15 [0.2] SJ-	-	-
SW6010B	Magnesium		mg/L	-	-	19 [1.1]	-	-	22 [1.1] SJ-	-	-
SW6010B	Potassium		mg/L	-	-	5.8 [3.3]	-	-	5.1 [3.3] SJ-	-	-
SW6010B	Sodium		mg/L	-	-	7 [2]	-	-	5.2 [2] SJ-	-	-
SW6020	Antimony	0.006	mg/L	-	-	0.0033 [0.002]	-	-	ND [0.002] SJ-	-	-
SW6020	Arsenic	0.01	mg/L	-	-	0.004 [0.005] J	-	-	**0.016 [0.005] SJ-**	-	-
SW6020	Barium	2	mg/L	-	-	0.043 [0.006]	-	-	0.17 [0.006] SJ-	-	-
SW6020	Beryllium	0.004	mg/L	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-
SW6020	Cadmium	0.005	mg/L	-	-	0.00031 [0.002] J	-	-	ND [0.002] SJ-	-	-
SW6020	Chromium	0.1	mg/L	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-
SW6020	Cobalt		mg/L	-	-	0.011 [0.002]	-	-	0.001 [0.002] J, SJ-	-	-
SW6020	Copper	1	mg/L	-	-	0.0071 [0.005]	-	-	ND [0.005] SJ-	-	-
SW6020	Lead	0.015	mg/L	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-
SW6020	Manganese		mg/L	-	-	0.0018 [0.002] J	-	-	1.4 [0.002] SJ-	-	-
SW6020	Nickel	0.1	mg/L	-	-	0.034 [0.015]	-	-	ND [0.015] SJ-	-	-
SW6020	Selenium	0.05	mg/L	-	-	0.0066 [0.005]	-	-	ND [0.005] SJ-	-	-
SW6020	Silver	0.1	mg/L	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-
SW6020	Thallium	0.002	mg/L	-	-	ND [0.005]	-	-	ND [0.005] SJ-	-	-
SW6020	Vanadium	0.26	mg/L	-	-	0.01 [0.01]	-	-	ND [0.01] SJ-	-	-
SW6020	Zinc	5	mg/L	-	-	ND [0.007]	-	-	ND [0.007] SJ-	-	-
SW7470A	Mercury	0.002	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-
SW8081	4,4'-DDD		mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	4,4'-DDE	0.0025	mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	4,4'-DDT	0.0025	mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	Aldrin	0.00005	mg/L	-	-	ND [0.0000094]	-	-	ND [0.0000096] SJ-	-	-
SW8081	alpha-BHC	0.00014	mg/L	-	-	ND [0.0000094]	-	-	ND [0.0000096] SJ-	-	-
SW8081	alpha-Chlordane	0.002	mg/L	-	-	ND [0.0000094]	-	-	ND [0.0000096] SJ-	-	-
SW8081	beta-BHC	0.00047	mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	delta-BHC		mg/L	-	-	ND [0.0000094]	-	-	ND [0.0000096] SJ-	-	-
SW8081	Dieldrin	0.000053	mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	Endosulfan I		mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	Endosulfan II		mg/L	-	-	0.0000065 [0.000019] J	-	-	0.000021 [0.000019] SJ-	-	-
SW8081	Endosulfan sulfate		mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	Endrin	0.002	mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	Endrin aldehyde		mg/L	-	-	ND [0.000047]	-	-	ND [0.000048] SJ-	-	-
SW8081	Endrin ketone		mg/L	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	-	ND [0.0000094]	-	-	ND [0.0000096] SJ-	-	-
SW8081	gamma-Chlordane	0.002	mg/L	-	-	ND [0.0000094]	-	-	ND [0.0000096] SJ-	-	-
SW8081	Heptachlor	0.0004	mg/L	-	-	ND [0.0000094]	-	-	ND [0.0000096] SJ-	-	-

			Location	11FWAMW35-	11FWAMW36-	11FWAMW36-	11FWAMW37-	11FWAMW56-	11FWAMW56-	11FWAMW58-	11FWAMW61-
			Sample ID	11FWAMW35-GWS	11FWAMW36-GWS	11FWAMW36-GWS	11FWAMW37-GWS	11FWAMW56-GWS	11FWAMW56-GWS	11FWAMW58-GWS	11FWAMW61-GWS
			Laboratory Sample ID	27511-1	27511-14	27511-14	27511-2	27551-7	27551-7	27511-3	27551-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/19/2011	7/19/2011	7/16/2011	7/20/2011	7/20/2011	7/16/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	-	-	ND [0.0000094]	-	-	ND [0.0000096] SJ-	-	-
SW8081	Methoxychlor	0.04	mg/L	-	-	ND [0.000094]	-	-	ND [0.000096] SJ-	-	-
SW8081	Toxaphene	0.003	mg/L	-	-	ND [0.00094]	-	-	ND [0.00096] SJ-	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	-	ND [0.00026]	-	-	ND [0.00025] SJ-	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	-	ND [0.00026]	-	-	ND [0.00025] SJ-	-	-
SW8151A	2,4-D	0.07	mg/L	-	-	ND [0.00026]	-	-	ND [0.00025] SJ-	-	-
SW8151A	2,4-DB		mg/L	-	-	ND [0.00026]	-	-	ND [0.00025] SJ-	-	-
SW8151A	4-Nitrophenol		mg/L	-	-	ND [0.00026]	-	-	ND [0.00025] SJ-	-	-
SW8151A	Dalapon		mg/L	-	-	ND [0.00041]	-	-	ND [0.0004] SJ-	-	-
SW8151A	Dicamba		mg/L	-	-	ND [0.00026]	-	-	ND [0.00025] SJ-	-	-
SW8151A	Dichlorprop		mg/L	-	-	ND [0.00026]	-	-	ND [0.00025] SJ-	-	-
SW8151A	Dinoseb		mg/L	-	-	ND [0.00026]	-	-	ND [0.00025] SJ-	-	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,1-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E*	-	*ND [0.001] E*	*ND [0.001] E*	-	-	*ND [0.001] E, SJ-*	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	ND [0.002] S	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E*	-	*ND [0.001] E*	*ND [0.001] E*	-	-	*ND [0.001] E, SJ-*	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,3-Dichloropropane		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	2,2-Dichloropropane		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	2-Butanone	22	mg/L	ND [0.01]	-	ND [0.01]	ND [0.01]	-	-	ND [0.01] SJ-	-
SW8260	2-Chlorotoluene		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	2-Hexanone		mg/L	ND [0.005]	-	ND [0.005]	ND [0.005]	-	-	ND [0.005] SJ-	-
SW8260	4-Chlorotoluene		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-

			Location	11FWAMW35-	11FWAMW36-	11FWAMW36-	11FWAMW37-	11FWAMW56-	11FWAMW56-	11FWAMW58-	11FWAMW61-
			Sample ID	11FWAMW35-GWS	11FWAMW36-GWS	11FWAMW36-GWS	11FWAMW37-GWS	11FWAMW56-GWS	11FWAMW56-GWS	11FWAMW58-GWS	11FWAMW61-GWS
			Laboratory Sample ID	27511-1	27511-14	27511-14	27511-2	27551-7	27551-7	27511-3	27551-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/19/2011	7/19/2011	7/16/2011	7/20/2011	7/20/2011	7/16/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005]	-	ND [0.005]	ND [0.005]	-	-	ND [0.005] SJ-	-
SW8260	Acetone	33	mg/L	ND [0.01]	-	ND [0.01]	ND [0.01]	-	-	ND [0.01] SJ-	-
SW8260	Benzene	0.005	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Bromobenzene		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Bromochloromethane		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Bromoform	0.11	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Bromomethane	0.051	mg/L	ND [0.005]	-	ND [0.005]	ND [0.005]	-	-	ND [0.005] SJ-	-
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	0.00026 [0.001] J, SJ-	-
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Chloroethane	0.29	mg/L	ND [0.005]	-	ND [0.005]	ND [0.005]	-	-	ND [0.005] SJ-	-
SW8260	Chloroform	0.14	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Chloromethane	0.066	mg/L	ND [0.005]	-	ND [0.005]	ND [0.005]	-	-	ND [0.005] SJ-	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Dibromomethane		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Methylene chloride	0.005	mg/L	ND [0.003]	-	0.0002 [0.003] J	ND [0.003]	-	-	ND [0.003] SJ-	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Naphthalene	0.73	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	o-Xylene	10	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Styrene	0.1	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Toluene	1	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001]	-	ND [0.001]	ND [0.001]	-	-	ND [0.001] SJ-	-
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	ND [0.002] SJ-	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.0004]	-	ND [0.0004]	ND [0.0004]	-	-	ND [0.0004] SJ-	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	0.00027 [0.0007] J	-	0.000051 [0.0007] J	0.00036 [0.0007] J	-	-	0.00027 [0.0007] J, SJ-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	ND [0.0002]	ND [0.0002]	-	-	ND [0.0002] SJ-	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001]	-	ND [0.0001]	ND [0.0001]	-	-	ND [0.0001] SJ-	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	0.000025 [0.0005] J	-	ND [0.0005]	0.000028 [0.0005] J	-	-	0.000052 [0.0005] J, SJ-	-
SW8260B	Benzene	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	ND [0.0005]	-	-	ND [0.0005] SJ-	-
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	ND [0.0005]	-	-	ND [0.0005] SJ-	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.0005]	-	0.000044 [0.0005] J	ND [0.0005]	-	-	ND [0.0005] SJ-	-

			Location	11FWAMW35-	11FWAMW36-	11FWAMW36-	11FWAMW37-	11FWAMW56-	11FWAMW56-	11FWAMW58-	11FWAMW61-
			Sample ID	11FWAMW35-GWS	11FWAMW36-GWS	11FWAMW36-GWS	11FWAMW37-GWS	11FWAMW56-GWS	11FWAMW56-GWS	11FWAMW58-GWS	11FWAMW61-GWS
			Laboratory Sample ID	27511-1	27511-14	27511-14	27511-2	27551-7	27551-7	27511-3	27551-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/19/2011	7/19/2011	7/16/2011	7/20/2011	7/20/2011	7/16/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	ND [0.0005]	-	-	0.000031 [0.0005] J, SJ-	-
SW8260B	Vinyl chloride	0.002	mg/L	0.000047 [0.0002] J	-	ND [0.0002]	0.000054 [0.0002] J	-	-	0.000065 [0.0002] J, SJ-	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	-	ND [0.0003]	-	-	ND [0.00029] SJ-	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	-	0.00019 [0.0002] J	-	-	ND [0.00019] SJ-	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	-	ND [0.001] JL-	-	-	ND [0.00096] JL-, SJ-	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	-	ND [0.0025]	-	-	ND [0.0024] SJ-	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	-	ND [0.00003]	-	-	ND [0.000029] SJ-	-	-
SW8270	2-Chlorophenol	0.18	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	-	ND [0.002]	-	-	ND [0.0019] SJ-	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	-	ND [0.0001]	-	-	ND [0.000096] SJ-	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	2-Nitroaniline		mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	2-Nitrophenol		mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	-	ND [0.001]	-	-	ND [0.00096] SJ-	-	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	-	ND [0.0004]	-	-	ND [0.00038] SJ-	-	-
SW8270	3-Nitroaniline		mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	4-Chloroaniline	0.016	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	4-Nitroaniline		mg/L	-	-	ND [0.0003]	-	-	ND [0.00029] SJ-	-	-
SW8270	4-Nitrophenol		mg/L	-	-	ND [0.001]	-	-	ND [0.00096] SJ-	-	-
SW8270	Acenaphthene	2.2	mg/L	-	-	ND [0.00005]	-	-	ND [0.000048] SJ-	-	-
SW8270	Acenaphthylene	2.2	mg/L	-	-	ND [0.00004]	-	-	ND [0.000038] SJ-	-	-
SW8270	Anthracene	11	mg/L	-	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	-
SW8270	Azobenzene		mg/L	-	-	ND [0.0005]	-	-	ND [0.00048] SJ-	-	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	-	ND [0.00003]	-	-	ND [0.000029] SJ-	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	-	ND [0.00004]	-	-	ND [0.000038] SJ-	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	-	ND [0.00003]	-	-	ND [0.000029] SJ-	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	-	ND [0.00003]	-	-	ND [0.000029] SJ-	-	-
SW8270	Benzoic acid	150	mg/L	-	-	0.00069 [0.001] J	-	-	0.00059 [0.00096] J, SJ-	-	-
SW8270	Benzyl alcohol		mg/L	-	-	ND [0.0002]	-	-	0.000064 [0.00019] J, SJ-	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	-	0.00013 [0.0003] J	-	-	0.0001 [0.00029] J, JL+, SJ-	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	ND [0.0015]	-	-	ND [0.0014] SJ-	-	-
SW8270	Carbazole	0.043	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-

			Location	11FWAMW35-	11FWAMW36-	11FWAMW36-	11FWAMW37-	11FWAMW56-	11FWAMW56-	11FWAMW58-	11FWAMW61-
			Sample ID	11FWAMW35-GWS	11FWAMW36-GWS	11FWAMW36-GWS	11FWAMW37-GWS	11FWAMW56-GWS	11FWAMW56-GWS	11FWAMW58-GWS	11FWAMW61-GWS
			Laboratory Sample ID	27511-1	27511-14	27511-14	27511-2	27551-7	27551-7	27511-3	27551-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/19/2011	7/19/2011	7/16/2011	7/20/2011	7/20/2011	7/16/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	-	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	-	ND [0.00003]	-	-	ND [0.000029] SJ-	-	-
SW8270	Dibenzofuran	0.073	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	Diethyl phthalate	29	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	Dimethyl phthalate	370	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	-	0.00015 [0.0002] J, B, JL+	-	-	0.00011 [0.00019] J, B, JL+, SJ-	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	Fluoranthene	1.5	mg/L	-	-	ND [0.000025]	-	-	ND [0.000024] SJ-	-	-
SW8270	Fluorene	1.5	mg/L	-	-	ND [0.00003]	-	-	ND [0.000029] SJ-	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	-	-	ND [0.0003]	-	-	ND [0.00029] SJ-	-	-
SW8270	Hexachloroethane	0.04	mg/L	-	-	ND [0.0003]	-	-	ND [0.00029] SJ-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	-	ND [0.00003]	-	-	ND [0.000029] SJ-	-	-
SW8270	Isophorone	0.9	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	Naphthalene	0.73	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	Nitrobenzene	0.018	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	-	*ND [0.001] E*	-	-	*ND [0.00096] E, SJ-*	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-
SW8270	Pentachlorophenol	0.001	mg/L	-	-	ND [0.00035]	-	-	ND [0.00034] SJ-	-	-
SW8270	Phenanthrene	11	mg/L	-	-	ND [0.00004]	-	-	ND [0.000038] SJ-	-	-
SW8270	Phenol	11	mg/L	-	-	ND [0.0003]	-	-	ND [0.00029] SJ-	-	-
SW8270	Pyrene	1.1	mg/L	-	-	ND [0.00003]	-	-	ND [0.000029] SJ-	-	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	-	ND [0.000013]	-	-	ND [0.000013] SJ-	-	-
8270SIM	Acenaphthene	2.2	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Acenaphthylene	2.2	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Anthracene	11	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Chrysene	0.12	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Fluoranthene	1.5	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Fluorene	1.5	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Naphthalene	0.73	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
8270SIM	Phenanthrene	11	mg/L	-	-	ND [0.00001]	-	-	0.0000036 [0.0000096] J, SJ-	-	-
8270SIM	Pyrene	1.1	mg/L	-	-	ND [0.00001]	-	-	ND [0.0000096] SJ-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	ND [0.00098]	-	-	ND [0.00097] SJ-	-	-	ND [0.001]
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	ND [0.0004]
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	ND [0.0004]
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	ND [0.0004]

			Location	11FWAMW35-	11FWAMW36-	11FWAMW36-	11FWAMW37-	11FWAMW56-	11FWAMW56-	11FWAMW58-	11FWAMW61-
			Sample ID	11FWAMW35-GWS	11FWAMW36-GWS	11FWAMW36-GWS	11FWAMW37-GWS	11FWAMW56-GWS	11FWAMW56-GWS	11FWAMW58-GWS	11FWAMW61-GWS
			Laboratory Sample ID	27511-1	27511-14	27511-14	27511-2	27551-7	27551-7	27511-3	27551-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/19/2011	7/19/2011	7/16/2011	7/20/2011	7/20/2011	7/16/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-	ND [0.0002]
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-	ND [0.0002]
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-	ND [0.0002]
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-	ND [0.0002]
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-	ND [0.0002]
SW8330	m-Nitrotoluene	0.73	mg/L	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	ND [0.0004]
SW8330	Nitrobenzene	0.018	mg/L	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	ND [0.0004]
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	ND [0.0004]
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	ND [0.0004]
SW8330	p-Nitrotoluene	0.05	mg/L	-	ND [0.00098]	-	-	ND [0.00097] SJ-	-	-	ND [0.001]

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	11FWAMW61-	11FWAMW80-	11FWAMW80-	11FWAMW82-	11FWAMW83-	11FWAMW84-	11FWAMW85-	11FWAMW85-
			Sample ID	11FWAMW61-GWS	11FWAMW80-GWS	11FWAMW80-GWS	11FWAMW82-GWS	11FWAMW83-GWS	11FWAMW84-GWS	11FWAMW85-GWBS	11FWAMW85-GWS
			Laboratory Sample ID	27551-6	27551-5	27551-5	27511-11	27511-12	27511-13	27511-10	27511-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/19/2011	7/19/2011	7/19/2011	7/18/2011	7/18/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	-	-	-	-	-	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.07 [0.098] J, JL-	-	0.029 [0.1] J, JL-	0.16 [0.096]	0.39 [0.11]	0.084 [0.11] J	0.066 [0.095] J	0.05 [0.098] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.1 [0.098]	-	0.07 [0.1] J	0.16 [0.096]	0.23 [0.11]	0.2 [0.11]	0.13 [0.095]	0.096 [0.098] J
SW6010B	Aluminum		mg/L	ND [1]	-	ND [1]	-	-	-	-	-
SW6010B	Boron		mg/L	ND [2.5]	-	ND [2.5]	-	-	-	-	-
SW6010B	Calcium		mg/L	100 [1.1]	-	46 [1.1]	-	-	-	-	-
SW6010B	Iron		mg/L	11 [0.2]	-	9.4 [0.2]	-	-	-	-	-
SW6010B	Magnesium		mg/L	28 [1.1]	-	12 [1.1]	-	-	-	-	-
SW6010B	Potassium		mg/L	5.4 [3.3]	-	3.4 [3.3]	-	-	-	-	-
SW6010B	Sodium		mg/L	5.8 [2]	-	4 [2]	-	-	-	-	-
SW6020	Antimony	0.006	mg/L	ND [0.002]	-	ND [0.002]	-	-	-	-	-
SW6020	Arsenic	0.01	mg/L	**0.012 [0.005]**	-	**0.012 [0.005]**	-	-	-	-	-
SW6020	Barium	2	mg/L	0.18 [0.006]	-	0.19 [0.006]	-	-	-	-	-
SW6020	Beryllium	0.004	mg/L	ND [0.002]	-	ND [0.002]	-	-	-	-	-
SW6020	Cadmium	0.005	mg/L	ND [0.002]	-	ND [0.002]	-	-	-	-	-
SW6020	Chromium	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	-	-	-	-
SW6020	Cobalt		mg/L	0.00064 [0.002] J	-	0.00016 [0.002] J	-	-	-	-	-
SW6020	Copper	1	mg/L	ND [0.005]	-	0.001 [0.005] J, B	-	-	-	-	-
SW6020	Lead	0.015	mg/L	ND [0.002]	-	0.00047 [0.002] J	-	-	-	-	-
SW6020	Manganese		mg/L	1.6 [0.002]	-	0.66 [0.002]	-	-	-	-	-
SW6020	Nickel	0.1	mg/L	ND [0.015]	-	ND [0.015]	-	-	-	-	-
SW6020	Selenium	0.05	mg/L	ND [0.005]	-	ND [0.005]	-	-	-	-	-
SW6020	Silver	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	-	-	-	-
SW6020	Thallium	0.002	mg/L	ND [0.005]	-	ND [0.005]	-	-	-	-	-
SW6020	Vanadium	0.26	mg/L	ND [0.01]	-	ND [0.01]	-	-	-	-	-
SW6020	Zinc	5	mg/L	ND [0.007]	-	ND [0.007]	-	-	-	-	-
SW7470A	Mercury	0.002	mg/L	ND [0.0002]	-	ND [0.0002]	-	-	-	-	-
SW8081	4,4'-DDD		mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	Aldrin	0.00005	mg/L	ND [0.0000099]	-	ND [0.0000094]	-	-	-	-	-
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000099]	-	ND [0.0000094]	-	-	-	-	-
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000099]	-	ND [0.0000094]	-	-	-	-	-
SW8081	beta-BHC	0.00047	mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	delta-BHC		mg/L	ND [0.0000099]	-	ND [0.0000094]	-	-	-	-	-
SW8081	Dieldrin	0.000053	mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	Endosulfan I		mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	Endosulfan II		mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	Endosulfan sulfate		mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	Endrin	0.002	mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	Endrin aldehyde		mg/L	ND [0.00005]	-	ND [0.000047]	-	-	-	-	-
SW8081	Endrin ketone		mg/L	ND [0.00002]	-	ND [0.000019]	-	-	-	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000099]	-	ND [0.0000094]	-	-	-	-	-
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000099]	-	ND [0.0000094]	-	-	-	-	-
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000099]	-	ND [0.0000094]	-	-	-	-	-

			Location	11FWAMW61-	11FWAMW80-	11FWAMW80-	11FWAMW82-	11FWAMW83-	11FWAMW84-	11FWAMW85-	11FWAMW85-
			Sample ID	11FWAMW61-GWS	11FWAMW80-GWS	11FWAMW80-GWS	11FWAMW82-GWS	11FWAMW83-GWS	11FWAMW84-GWS	11FWAMW85-GWBS	11FWAMW85-GWS
			Laboratory Sample ID	27551-6	27551-5	27551-5	27511-11	27511-12	27511-13	27511-10	27511-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/19/2011	7/19/2011	7/19/2011	7/18/2011	7/18/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000099]	-	ND [0.0000094]	-	-	-	-	-
SW8081	Methoxychlor	0.04	mg/L	ND [0.000099]	-	ND [0.000094]	-	-	-	-	-
SW8081	Toxaphene	0.003	mg/L	ND [0.00099]	-	ND [0.00094]	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00027]	-	ND [0.00024]	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00027]	-	ND [0.00024]	-	-	-	-	-
SW8151A	2,4-D	0.07	mg/L	ND [0.00027]	-	ND [0.00024]	-	-	-	-	-
SW8151A	2,4-DB		mg/L	ND [0.00027]	-	ND [0.00024]	-	-	-	-	-
SW8151A	4-Nitrophenol		mg/L	ND [0.00027]	-	ND [0.00024]	-	-	-	-	-
SW8151A	Dalapon		mg/L	ND [0.00043]	-	ND [0.00038]	-	-	-	-	-
SW8151A	Dicamba		mg/L	ND [0.00027]	-	ND [0.00024]	-	-	-	-	-
SW8151A	Dichlorprop		mg/L	ND [0.00027]	-	ND [0.00024]	-	-	-	-	-
SW8151A	Dinoseb		mg/L	ND [0.00027]	-	ND [0.00024]	-	-	-	-	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloroethane	7.3	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloroethene	0.007	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloropropene		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	-	-	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	-	-	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dichloroethane	0.005	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dichloropropane	0.005	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3-Dichloropropane		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	2,2-Dichloropropane		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	2-Butanone	22	mg/L	-	-	-	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]
SW8260	2-Chlorotoluene		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	2-Hexanone		mg/L	-	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	4-Chlorotoluene		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]

			Location	11FWAMW61-	11FWAMW80-	11FWAMW80-	11FWAMW82-	11FWAMW83-	11FWAMW84-	11FWAMW85-	11FWAMW85-
			Sample ID	11FWAMW61-GWS	11FWAMW80-GWS	11FWAMW80-GWS	11FWAMW82-GWS	11FWAMW83-GWS	11FWAMW84-GWS	11FWAMW85-GWBS	11FWAMW85-GWS
			Laboratory Sample ID	27551-6	27551-5	27551-5	27511-11	27511-12	27511-13	27511-10	27511-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/19/2011	7/19/2011	7/19/2011	7/18/2011	7/18/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Acetone	33	mg/L	-	-	-	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]
SW8260	Benzene	0.005	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromobenzene		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromochloromethane		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromodichloromethane	0.014	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromoform	0.11	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromomethane	0.051	mg/L	-	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Carbon disulfide	3.7	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Carbon tetrachloride	0.005	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chlorobenzene	0.1	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chloroethane	0.29	mg/L	-	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Chloroform	0.14	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chloromethane	0.066	mg/L	-	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	cis-1,3-Dichloropropene		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dibromochloromethane	0.01	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dibromomethane		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Ethylbenzene	0.7	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Isopropylbenzene	3.7	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Methylene chloride	0.005	mg/L	-	-	-	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Naphthalene	0.73	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	n-Butylbenzene	0.37	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	n-Propylbenzene	0.37	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	o-Xylene	10	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	sec-Butylbenzene	0.37	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Styrene	0.1	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	tert-Butylbenzene	0.37	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Toluene	1	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	trans-1,3-Dichloropropene		mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Trichlorofluoromethane	11	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Vinyl chloride	0.002	mg/L	-	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Xylene, Isomers m & p	10	mg/L	-	-	-	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	-	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	-	-	0.00069 [0.0007] J	0.0002 [0.0007] J	0.0026 [0.0007]	ND [0.0007]	ND [0.0007]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	-	-	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	-	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260B	Benzene	0.005	mg/L	-	-	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260B	Carbon tetrachloride	0.005	mg/L	-	-	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	-	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]

			Location	11FWAMW61-	11FWAMW80-	11FWAMW80-	11FWAMW82-	11FWAMW83-	11FWAMW84-	11FWAMW85-	11FWAMW85-
			Sample ID	11FWAMW61-GWS	11FWAMW80-GWS	11FWAMW80-GWS	11FWAMW82-GWS	11FWAMW83-GWS	11FWAMW84-GWS	11FWAMW85-GWBS	11FWAMW85-GWS
			Laboratory Sample ID	27551-6	27551-5	27551-5	27511-11	27511-12	27511-13	27511-10	27511-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/19/2011	7/19/2011	7/19/2011	7/18/2011	7/18/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	-	-	0.000029 [0.0005] J	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260B	Vinyl chloride	0.002	mg/L	-	-	-	0.000048 [0.0002] J	0.000047 [0.0002] J	0.000062 [0.0002] J	ND [0.0002]	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.00033]	-	ND [0.00029]	-	-	-	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.0011] JL-	-	ND [0.00098] JL-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0027]	-	ND [0.0025]	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.000033]	-	ND [0.000029]	-	-	-	-	-
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.0022]	-	ND [0.002]	-	-	-	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.00011]	-	ND [0.000098]	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	2-Nitroaniline		mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	2-Nitrophenol		mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.0011]	-	ND [0.00098]	-	-	-	-	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.00043]	-	ND [0.00039]	-	-	-	-	-
SW8270	3-Nitroaniline		mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	4-Nitroaniline		mg/L	ND [0.00033]	-	ND [0.00029]	-	-	-	-	-
SW8270	4-Nitrophenol		mg/L	ND [0.0011]	-	ND [0.00098]	-	-	-	-	-
SW8270	Acenaphthene	2.2	mg/L	ND [0.000054]	-	ND [0.000049]	-	-	-	-	-
SW8270	Acenaphthylene	2.2	mg/L	ND [0.000043]	-	ND [0.000039]	-	-	-	-	-
SW8270	Anthracene	11	mg/L	ND [0.000022]	-	ND [0.00002]	-	-	-	-	-
SW8270	Azobenzene		mg/L	ND [0.00054]	-	ND [0.00049]	-	-	-	-	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.000033]	-	ND [0.000029]	-	-	-	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.000022]	-	ND [0.00002]	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000043]	-	ND [0.000039]	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000033]	-	ND [0.000029]	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000033]	-	ND [0.000029]	-	-	-	-	-
SW8270	Benzoic acid	150	mg/L	0.00081 [0.0011] J	-	0.00047 [0.00098] J	-	-	-	-	-
SW8270	Benzyl alcohol		mg/L	0.000086 [0.00022] J	-	0.000075 [0.0002] J	-	-	-	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	ND [0.00033]	-	ND [0.00029]	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0016]	-	ND [0.0015]	-	-	-	-	-
SW8270	Carbazole	0.043	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-

			Location	11FWAMW61-	11FWAMW80-	11FWAMW80-	11FWAMW82-	11FWAMW83-	11FWAMW84-	11FWAMW85-	11FWAMW85-
			Sample ID	11FWAMW61-GWS	11FWAMW80-GWS	11FWAMW80-GWS	11FWAMW82-GWS	11FWAMW83-GWS	11FWAMW84-GWS	11FWAMW85-GWBS	11FWAMW85-GWS
			Laboratory Sample ID	27551-6	27551-5	27551-5	27511-11	27511-12	27511-13	27511-10	27511-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/19/2011	7/19/2011	7/19/2011	7/18/2011	7/18/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	ND [0.000022]	-	ND [0.00002]	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000033]	-	ND [0.000029]	-	-	-	-	-
SW8270	Dibenzofuran	0.073	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	Diethyl phthalate	29	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	Dimethyl phthalate	370	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.00011 [0.00022] J, B, JL+	-	0.000092 [0.0002] J, B, JL+	-	-	-	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	Fluoranthene	1.5	mg/L	ND [0.000027]	-	ND [0.000025]	-	-	-	-	-
SW8270	Fluorene	1.5	mg/L	ND [0.000033]	-	ND [0.000029]	-	-	-	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	ND [0.00033]	-	ND [0.00029]	-	-	-	-	-
SW8270	Hexachloroethane	0.04	mg/L	ND [0.00033]	-	ND [0.00029]	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000033]	-	ND [0.000029]	-	-	-	-	-
SW8270	Isophorone	0.9	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	Naphthalene	0.73	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	Nitrobenzene	0.018	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.0011] E*	-	*ND [0.00098] E*	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.00022]	-	ND [0.0002]	-	-	-	-	-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00038]	-	ND [0.00034]	-	-	-	-	-
SW8270	Phenanthrene	11	mg/L	ND [0.000043]	-	ND [0.000039]	-	-	-	-	-
SW8270	Phenol	11	mg/L	ND [0.00033]	-	ND [0.00029]	-	-	-	-	-
SW8270	Pyrene	1.1	mg/L	ND [0.000033]	-	ND [0.000029]	-	-	-	-	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000014]	-	ND [0.000013]	ND [0.000013]	0.0000031 [0.000013] J	ND [0.000013]	ND [0.000013]	ND [0.000013]
8270SIM	Acenaphthene	2.2	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Anthracene	11	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.000022]	-	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.000019]	ND [0.00002]
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Chrysene	0.12	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Fluoranthene	1.5	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Fluorene	1.5	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	0.0000035 [0.0000099] J	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Naphthalene	0.73	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Phenanthrene	11	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
8270SIM	Pyrene	1.1	mg/L	ND [0.000011]	-	ND [0.0000098]	ND [0.0000099]	ND [0.0000099]	ND [0.0000099]	ND [0.0000097]	ND [0.0000099]
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	ND [0.00099]	-	-	-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	ND [0.0004]	-	-	-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	ND [0.0004]	-	-	-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0004]	-	-	-	-	-	-

			Location	11FWAMW61-	11FWAMW80-	11FWAMW80-	11FWAMW82-	11FWAMW83-	11FWAMW84-	11FWAMW85-	11FWAMW85-
			Sample ID	11FWAMW61-GWS	11FWAMW80-GWS	11FWAMW80-GWS	11FWAMW82-GWS	11FWAMW83-GWS	11FWAMW84-GWS	11FWAMW85-GWBS	11FWAMW85-GWS
			Laboratory Sample ID	27551-6	27551-5	27551-5	27511-11	27511-12	27511-13	27511-10	27511-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/20/2011	7/20/2011	7/20/2011	7/19/2011	7/19/2011	7/19/2011	7/18/2011	7/18/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	-	-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	-	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	-	-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	ND [0.0002]	-	-	-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	ND [0.0002]	-	-	-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	ND [0.0004]	-	-	-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	ND [0.0004]	-	-	-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	ND [0.0004]	-	-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.0004]	-	-	-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	ND [0.00099]	-	-	-	-	-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	11FWAMW86-	11FWAMW87-	11FWAMW88-	11FWAMW89-	11FWAMW90-	MW03	MW03	MW03
			Sample ID	11FWAMW86-GWS	11FWAMW87-GWS	11FWAMW88-GWS	11FWAMW89-GWS	11FWAMW90-GWS	11FWAMW03-GWBS	11FWAMW03-GWS	11FWAMW03-GWS
			Laboratory Sample ID	27511-6	27511-9	27511-8	27511-5	27511-7	27442-4	27442-3	27464-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	-	-	-	-	-	0.015 [0.05] J, B
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.039 [0.11] J	0.027 [0.11] J	0.03 [0.11] J	0.059 [0.11] J	0.071 [0.096] J	-	0.086 [0.094] J	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.09 [0.11] J	0.067 [0.11] J	0.095 [0.11] J	0.096 [0.11] J	0.19 [0.096]	-	0.18 [0.094]	-
SW6010B	Aluminum		mg/L	-	-	-	-	-	-	ND [1]	-
SW6010B	Boron		mg/L	-	-	-	-	-	-	ND [2.5]	-
SW6010B	Calcium		mg/L	-	-	-	-	-	-	70 [1.1]	-
SW6010B	Iron		mg/L	-	-	-	-	-	-	11 [0.2]	-
SW6010B	Magnesium		mg/L	-	-	-	-	-	-	20 [1.1]	-
SW6010B	Potassium		mg/L	-	-	-	-	-	-	3.9 [3.3]	-
SW6010B	Sodium		mg/L	-	-	-	-	-	-	4.2 [2]	-
SW6020	Antimony	0.006	mg/L	-	-	-	-	-	-	ND [0.002]	-
SW6020	Arsenic	0.01	mg/L	-	-	-	-	-	-	**0.024 [0.005]**	-
SW6020	Barium	2	mg/L	-	-	-	-	-	-	0.15 [0.006]	-
SW6020	Beryllium	0.004	mg/L	-	-	-	-	-	-	ND [0.002]	-
SW6020	Cadmium	0.005	mg/L	-	-	-	-	-	-	ND [0.002]	-
SW6020	Chromium	0.1	mg/L	-	-	-	-	-	-	ND [0.002]	-
SW6020	Cobalt		mg/L	-	-	-	-	-	-	0.0013 [0.002] J	-
SW6020	Copper	1	mg/L	-	-	-	-	-	-	ND [0.005]	-
SW6020	Lead	0.015	mg/L	-	-	-	-	-	-	ND [0.002]	-
SW6020	Manganese		mg/L	-	-	-	-	-	-	0.69 [0.002]	-
SW6020	Nickel	0.1	mg/L	-	-	-	-	-	-	0.0024 [0.015] J	-
SW6020	Selenium	0.05	mg/L	-	-	-	-	-	-	ND [0.005]	-
SW6020	Silver	0.1	mg/L	-	-	-	-	-	-	ND [0.002]	-
SW6020	Thallium	0.002	mg/L	-	-	-	-	-	-	ND [0.005]	-
SW6020	Vanadium	0.26	mg/L	-	-	-	-	-	-	ND [0.01]	-
SW6020	Zinc	5	mg/L	-	-	-	-	-	-	ND [0.007]	-
SW7470A	Mercury	0.002	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8081	4,4'-DDD		mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	4,4'-DDE	0.0025	mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	4,4'-DDT	0.0025	mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	Aldrin	0.00005	mg/L	-	-	-	-	-	-	ND [0.0000096]	-
SW8081	alpha-BHC	0.00014	mg/L	-	-	-	-	-	-	ND [0.0000096]	-
SW8081	alpha-Chlordane	0.002	mg/L	-	-	-	-	-	-	ND [0.0000096]	-
SW8081	beta-BHC	0.00047	mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	delta-BHC		mg/L	-	-	-	-	-	-	ND [0.0000096]	-
SW8081	Dieldrin	0.000053	mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	Endosulfan I		mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	Endosulfan II		mg/L	-	-	-	-	-	-	0.000013 [0.000019] J	-
SW8081	Endosulfan sulfate		mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	Endrin	0.002	mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	Endrin aldehyde		mg/L	-	-	-	-	-	-	ND [0.000048]	-
SW8081	Endrin ketone		mg/L	-	-	-	-	-	-	ND [0.000019]	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	-	-	-	-	-	ND [0.0000096]	-
SW8081	gamma-Chlordane	0.002	mg/L	-	-	-	-	-	-	ND [0.0000096]	-
SW8081	Heptachlor	0.0004	mg/L	-	-	-	-	-	-	ND [0.0000096]	-

			Location	11FWAMW86-	11FWAMW87-	11FWAMW88-	11FWAMW89-	11FWAMW90-	MW03	MW03	MW03
			Sample ID	11FWAMW86-GWS	11FWAMW87-GWS	11FWAMW88-GWS	11FWAMW89-GWS	11FWAMW90-GWS	11FWAMW03-GWBS	11FWAMW03-GWS	11FWAMW03-GWS
			Laboratory Sample ID	27511-6	27511-9	27511-8	27511-5	27511-7	27442-4	27442-3	27464-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	-	-	-	-	-	-	ND [0.0000096]	-
SW8081	Methoxychlor	0.04	mg/L	-	-	-	-	-	-	0.000048 [0.000096] J	-
SW8081	Toxaphene	0.003	mg/L	-	-	-	-	-	-	ND [0.00096]	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	ND [0.00049]	ND [0.00048]	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	ND [0.00049]	ND [0.00048]	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	ND [0.00049]	ND [0.00048]	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	ND [0.00049]	ND [0.00048]	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	ND [0.00049]	ND [0.00048]	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	ND [0.00049]	ND [0.00048]	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	ND [0.00049]	ND [0.00048]	-
SW8151A	2,4,5-T		mg/L	-	-	-	-	-	-	ND [0.00026]	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	-	-	-	-	-	ND [0.00026]	-
SW8151A	2,4-D	0.07	mg/L	-	-	-	-	-	-	ND [0.00026]	-
SW8151A	2,4-DB		mg/L	-	-	-	-	-	-	ND [0.00026]	-
SW8151A	4-Nitrophenol		mg/L	-	-	-	-	-	-	ND [0.00026]	-
SW8151A	Dalapon		mg/L	-	-	-	-	-	-	ND [0.00041]	-
SW8151A	Dicamba		mg/L	-	-	-	-	-	-	ND [0.00026]	-
SW8151A	Dichlorprop		mg/L	-	-	-	-	-	-	ND [0.00026]	-
SW8151A	Dinoseb		mg/L	-	-	-	-	-	-	ND [0.00026]	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,1-Dichloropropene		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	-	-	*ND [0.001] E*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	-	-	ND [0.002]
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	-	-	*ND [0.001] E*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,3-Dichloropropane		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	2,2-Dichloropropane		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	2-Butanone	22	mg/L	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	-	-	ND [0.01]
SW8260	2-Chlorotoluene		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	2-Hexanone		mg/L	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	-	-	ND [0.005]
SW8260	4-Chlorotoluene		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]

FCS 2011 Groundwater Monitoring After-Action Report
Spring 2011 Sampling Event

			Location	11FWAMW86-	11FWAMW87-	11FWAMW88-	11FWAMW89-	11FWAMW90-	MW03	MW03	MW03
			Sample ID	11FWAMW86-GWS	11FWAMW87-GWS	11FWAMW88-GWS	11FWAMW89-GWS	11FWAMW90-GWS	11FWAMW03-GWBS	11FWAMW03-GWS	11FWAMW03-GWS
			Laboratory Sample ID	27511-6	27511-9	27511-8	27511-5	27511-7	27442-4	27442-3	27464-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	-	-	ND [0.005]
SW8260	Acetone	33	mg/L	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	-	-	ND [0.01]
SW8260	Benzene	0.005	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Bromobenzene		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Bromochloromethane		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Bromoform	0.11	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Bromomethane	0.051	mg/L	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	-	-	ND [0.005]
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Chloroethane	0.29	mg/L	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	-	-	ND [0.005]
SW8260	Chloroform	0.14	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Chloromethane	0.066	mg/L	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	-	-	ND [0.005]
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Dibromomethane		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Methylene chloride	0.005	mg/L	ND [0.003]	ND [0.003]	ND [0.003]	0.00016 [0.003] J	ND [0.003]	-	-	ND [0.003]
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Naphthalene	0.73	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	o-Xylene	10	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Styrene	0.1	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Toluene	1	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Trichloroethene (TCE)	0.005	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-	-	ND [0.001]
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	-	-	ND [0.002]
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	-	-	ND [0.0004]
SW8260B	1,1-Dichloroethene	0.007	mg/L	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	-	-	0.00041 [0.0007] J
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	-	-	ND [0.0002]
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	-	-	ND [0.0001]
SW8260B	1,2-Dichloroethane	0.005	mg/L	0.000037 [0.0005] J	ND [0.0005]	ND [0.0005]	0.000048 [0.0005] J	ND [0.0005]	-	-	ND [0.0005]
SW8260B	Benzene	0.005	mg/L	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	-	-	ND [0.0005]
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	-	-	ND [0.0005]
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	-	-	ND [0.0005]

			Location	11FWAMW86-	11FWAMW87-	11FWAMW88-	11FWAMW89-	11FWAMW90-	MW03	MW03	MW03
			Sample ID	11FWAMW86-GWS	11FWAMW87-GWS	11FWAMW88-GWS	11FWAMW89-GWS	11FWAMW90-GWS	11FWAMW03-GWBS	11FWAMW03-GWS	11FWAMW03-GWS
			Laboratory Sample ID	27511-6	27511-9	27511-8	27511-5	27511-7	27442-4	27442-3	27464-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	0.000066 [0.0005] J	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	-	-	ND [0.0005]
SW8260B	Vinyl chloride	0.002	mg/L	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	-	-	0.000062 [0.0002] J
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	-	-	-	-	-	ND [0.00031]	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	-	-	-	-	-	ND [0.001]	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	-	-	-	-	-	ND [0.0026]	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	-	-	-	-	-	ND [0.000031]	-
SW8270	2-Chlorophenol	0.18	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	-	-	-	-	-	ND [0.002]	-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	ND [0.0001]	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	2-Nitroaniline		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	2-Nitrophenol		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	-	-	-	-	-	ND [0.001] R	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	-	-	-	-	-	ND [0.00041]	-
SW8270	3-Nitroaniline		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	4-Chloro-3-methylphenol		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	4-Chloroaniline	0.016	mg/L	-	-	-	-	-	-	ND [0.0002] R	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	4-Nitroaniline		mg/L	-	-	-	-	-	-	ND [0.00031]	-
SW8270	4-Nitrophenol		mg/L	-	-	-	-	-	-	ND [0.001]	-
SW8270	Acenaphthene	2.2	mg/L	-	-	-	-	-	-	ND [0.000051]	-
SW8270	Acenaphthylene	2.2	mg/L	-	-	-	-	-	-	ND [0.000041]	-
SW8270	Anthracene	11	mg/L	-	-	-	-	-	-	ND [0.00002]	-
SW8270	Azobenzene		mg/L	-	-	-	-	-	-	ND [0.00051]	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	-	-	-	-	-	ND [0.000031]	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	-	-	-	-	-	ND [0.00002]	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	-	-	-	-	-	ND [0.000041]	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	-	-	-	-	-	ND [0.000031]	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	-	-	-	-	-	ND [0.000031]	-
SW8270	Benzoic acid	150	mg/L	-	-	-	-	-	-	0.00069 [0.001] J, B	-
SW8270	Benzyl alcohol		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	-	-	-	-	-	ND [0.00031]	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	-	-	-	-	**0.031 [0.015]**	-
SW8270	Carbazole	0.043	mg/L	-	-	-	-	-	-	ND [0.0002]	-

			Location	11FWAMW86-	11FWAMW87-	11FWAMW88-	11FWAMW89-	11FWAMW90-	MW03	MW03	MW03
			Sample ID	11FWAMW86-GWS	11FWAMW87-GWS	11FWAMW88-GWS	11FWAMW89-GWS	11FWAMW90-GWS	11FWAMW03-GWBS	11FWAMW03-GWS	11FWAMW03-GWS
			Laboratory Sample ID	27511-6	27511-9	27511-8	27511-5	27511-7	27442-4	27442-3	27464-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	-	-	-	-	-	-	ND [0.00002]	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	-	-	-	-	-	ND [0.000031]	-
SW8270	Dibenzofuran	0.073	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	Diethyl phthalate	29	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	Dimethyl phthalate	370	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	-	-	-	-	-	0.000078 [0.0002] J, B	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	Fluoranthene	1.5	mg/L	-	-	-	-	-	-	ND [0.000026]	-
SW8270	Fluorene	1.5	mg/L	-	-	-	-	-	-	ND [0.000031]	-
SW8270	Hexachlorobenzene	0.001	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	-	-	-	-	-	-	ND [0.00031]	-
SW8270	Hexachloroethane	0.04	mg/L	-	-	-	-	-	-	ND [0.00031]	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	-	-	-	-	-	ND [0.000031]	-
SW8270	Isophorone	0.9	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	Naphthalene	0.73	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	-	-	-	-	-	*ND [0.001] E*	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	-	-	-	-	-	ND [0.0002]	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	-	-	-	-	-	ND [0.0002] JL-	-
SW8270	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	ND [0.00036]	-
SW8270	Phenanthrene	11	mg/L	-	-	-	-	-	-	ND [0.000041]	-
SW8270	Phenol	11	mg/L	-	-	-	-	-	-	ND [0.00031]	-
SW8270	Pyrene	1.1	mg/L	-	-	-	-	-	-	ND [0.000031]	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013]	ND [0.000013]	ND [0.000013]	ND [0.000013]	ND [0.000013]	-	ND [0.000013]	-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Anthracene	11	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.000019]	-	ND [0.00002]	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Chrysene	0.12	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Fluorene	1.5	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Naphthalene	0.73	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Phenanthrene	11	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
8270SIM	Pyrene	1.1	mg/L	ND [0.0000099]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000097]	-	ND [0.00001]	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-

			Location	11FWAMW86-	11FWAMW87-	11FWAMW88-	11FWAMW89-	11FWAMW90-	MW03	MW03	MW03
			Sample ID	11FWAMW86-GWS	11FWAMW87-GWS	11FWAMW88-GWS	11FWAMW89-GWS	11FWAMW90-GWS	11FWAMW03-GWBS	11FWAMW03-GWS	11FWAMW03-GWS
			Laboratory Sample ID	27511-6	27511-9	27511-8	27511-5	27511-7	27442-4	27442-3	27464-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/18/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW12-GWBS	11FWAMW12-GWS
			Laboratory Sample ID	27442-5	27442-5	27464-8	27365-7	27365-7	27395-1	27574-2	27574-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/14/2011	7/14/2011	7/14/2011	7/12/11	7/12/11	7/12/11	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	0.047 [0.05] J, B	-	-	0.017 [0.05] J, B	0.048 [0.05] J, SJ-	0.046 [0.05] J, SJ-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	**3.2 [0.098]**	-	-	0.076 [0.096] J	-	**9.5 [0.49] SJ-**	**9.8 [0.49] SJ-**
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.58 [0.098]	-	-	0.15 [0.096]	-	**1.3 [0.098] SJ-**	**1.3 [0.098] SJ-**
SW6010B	Aluminum		mg/L	-	ND [1]	-	-	ND [1]	-	-	-
SW6010B	Boron		mg/L	-	ND [2.5]	-	-	ND [2.5]	-	-	-
SW6010B	Calcium		mg/L	-	58 [1.1]	-	-	72 [1.1]	-	-	-
SW6010B	Iron		mg/L	-	14 [0.2]	-	-	ND [0.2]	-	-	-
SW6010B	Magnesium		mg/L	-	14 [1.1]	-	-	20 [1.1]	-	-	-
SW6010B	Potassium		mg/L	-	3.4 [3.3]	-	-	4.8 [3.3]	-	-	-
SW6010B	Sodium		mg/L	-	3.4 [2]	-	-	7.6 [2]	-	-	-
SW6020	Antimony	0.006	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	-
SW6020	Arsenic	0.01	mg/L	-	0.008 [0.005]	-	-	ND [0.005]	-	-	-
SW6020	Barium	2	mg/L	-	0.23 [0.006]	-	-	0.11 [0.006]	-	-	-
SW6020	Beryllium	0.004	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	-
SW6020	Cadmium	0.005	mg/L	-	ND [0.002]	-	-	0.00015 [0.002] J	-	-	-
SW6020	Chromium	0.1	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	-
SW6020	Cobalt		mg/L	-	ND [0.002]	-	-	0.0015 [0.002] J	-	-	-
SW6020	Copper	1	mg/L	-	ND [0.005]	-	-	0.0028 [0.005] J	-	-	-
SW6020	Lead	0.015	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	-
SW6020	Manganese		mg/L	-	1.1 [0.002]	-	-	0.14 [0.002]	-	-	-
SW6020	Nickel	0.1	mg/L	-	ND [0.015]	-	-	0.0089 [0.015] J	-	-	-
SW6020	Selenium	0.05	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	-
SW6020	Silver	0.1	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	-
SW6020	Thallium	0.002	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	-
SW6020	Vanadium	0.26	mg/L	-	ND [0.01]	-	-	ND [0.01]	-	-	-
SW6020	Zinc	5	mg/L	-	ND [0.007]	-	-	0.0046 [0.007] J	-	-	-
SW7470A	Mercury	0.002	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8081	4,4'-DDD		mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	4,4'-DDT	0.0025	mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	Aldrin	0.00005	mg/L	-	ND [0.0000099]	-	-	ND [0.0000097]	-	-	-
SW8081	alpha-BHC	0.00014	mg/L	-	ND [0.0000099]	-	-	ND [0.0000097]	-	-	-
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.0000099]	-	-	ND [0.0000097]	-	-	-
SW8081	beta-BHC	0.00047	mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	delta-BHC		mg/L	-	ND [0.0000099]	-	-	ND [0.0000097]	-	-	-
SW8081	Dieldrin	0.000053	mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	Endosulfan I		mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	Endosulfan II		mg/L	-	ND [0.00002]	-	-	0.0000047 [0.000019] J	-	-	-
SW8081	Endosulfan sulfate		mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	Endrin	0.002	mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	Endrin aldehyde		mg/L	-	ND [0.00005]	-	-	ND [0.000049]	-	-	-
SW8081	Endrin ketone		mg/L	-	ND [0.00002]	-	-	ND [0.000019]	-	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	ND [0.0000099]	-	-	ND [0.0000097]	-	-	-
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.0000099]	-	-	ND [0.0000097]	-	-	-
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.0000099]	-	-	ND [0.0000097]	-	-	-

			Location	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW12-GWBS	11FWAMW12-GWS
			Laboratory Sample ID	27442-5	27442-5	27464-8	27365-7	27365-7	27395-1	27574-2	27574-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/14/2011	7/14/2011	7/14/2011	7/12/11	7/12/11	7/12/11	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.0000099]	-	-	ND [0.0000097]	-	-	-
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.000099]	-	-	ND [0.000097]	-	-	-
SW8081	Toxaphene	0.003	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	ND [0.00099]	-	-	ND [0.00097]	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00025]	-	-	ND [0.00025]	-	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00025]	-	-	ND [0.00025]	-	-	-
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00025]	-	-	ND [0.00025]	-	-	-
SW8151A	2,4-DB		mg/L	-	ND [0.00025]	-	-	ND [0.00025]	-	-	-
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00025]	-	-	ND [0.00025]	-	-	-
SW8151A	Dalapon		mg/L	-	ND [0.0004]	-	-	ND [0.0004]	-	-	-
SW8151A	Dicamba		mg/L	-	ND [0.00025]	-	-	ND [0.00025]	-	-	-
SW8151A	Dichlorprop		mg/L	-	ND [0.00025]	-	-	ND [0.00025]	-	-	-
SW8151A	Dinoseb		mg/L	-	ND [0.00025]	-	-	ND [0.00025]	-	-	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,1-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E, SJ-*	*ND [0.001] E, SJ-*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	-	ND [0.002]	-	-	ND [0.002]	ND [0.002] SJ-	ND [0.002] SJ-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E, SJ-*	*ND [0.001] E, SJ-*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	0.00026 [0.001] J, SJ-	0.0003 [0.001] J, SJ-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,3-Dichloropropane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	2,2-Dichloropropane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] JM-, SJ-
SW8260	2-Butanone	22	mg/L	-	-	ND [0.01]	-	-	ND [0.01]	ND [0.01] SJ-	ND [0.01] SJ-
SW8260	2-Chlorotoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	2-Hexanone		mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-	ND [0.005] SJ-
SW8260	4-Chlorotoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-

			Location	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW12-GWBS	11FWAMW12-GWS
			Laboratory Sample ID	27442-5	27442-5	27464-8	27365-7	27365-7	27395-1	27574-2	27574-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/14/2011	7/14/2011	7/14/2011	7/12/11	7/12/11	7/12/11	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-	ND [0.005] SJ-
SW8260	Acetone	33	mg/L	-	-	ND [0.01]	-	-	ND [0.01]	ND [0.01] SJ-	ND [0.01] SJ-
SW8260	Benzene	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Bromobenzene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Bromochloromethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Bromodichloromethane	0.014	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Bromoform	0.11	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Bromomethane	0.051	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-	ND [0.005] SJ-
SW8260	Carbon disulfide	3.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Chlorobenzene	0.1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Chloroethane	0.29	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-	ND [0.005] SJ-
SW8260	Chloroform	0.14	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Chloromethane	0.066	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-	ND [0.005] SJ-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	cis-1,3-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Dibromochloromethane	0.01	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Dibromomethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Ethylbenzene	0.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Isopropylbenzene	3.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Methylene chloride	0.005	mg/L	-	-	ND [0.003]	-	-	0.00024 [0.003] J	0.0002 [0.003] J, B, SJ-	ND [0.003] SJ-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Naphthalene	0.73	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	n-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	n-Propylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	o-Xylene	10	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	sec-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Styrene	0.1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	tert-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	0.00018 [0.001] J, SJ-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Toluene	1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	trans-1,3-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Trichlorofluoromethane	11	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Vinyl chloride	0.002	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-	ND [0.001] SJ-
SW8260	Xylene, Isomers m & p	10	mg/L	-	-	ND [0.002]	-	-	ND [0.002]	ND [0.002] SJ-	ND [0.002] SJ-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.0004]	-	-	ND [0.0004]	ND [0.0004] SJ-	ND [0.0004] SJ-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	-	0.00042 [0.0007] J	-	-	ND [0.0007]	0.0031 [0.0007] SJ-	0.0031 [0.0007] SJ-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002]	ND [0.0002] SJ-	ND [0.0002] SJ-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	-	ND [0.0001]	-	-	ND [0.0001]	ND [0.0001] SJ-	ND [0.0001] SJ-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	-	ND [0.0005]	-	-	ND [0.0005]	0.000077 [0.0005] J, SJ-	0.000071 [0.0005] J, SJ-
SW8260B	Benzene	0.005	mg/L	-	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005] SJ-	ND [0.0005] SJ-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005] SJ-	ND [0.0005] SJ-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005] SJ-	ND [0.0005] SJ-

			Location	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW12-GWBS	11FWAMW12-GWS
			Laboratory Sample ID	27442-5	27442-5	27464-8	27365-7	27365-7	27395-1	27574-2	27574-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/14/2011	7/14/2011	7/14/2011	7/12/11	7/12/11	7/12/11	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	-	0.000072 [0.0005] J	-	-	ND [0.0005]	ND [0.0005] SJ-	ND [0.0005] SJ-
SW8260B	Vinyl chloride	0.002	mg/L	-	-	0.000073 [0.0002] J	-	-	ND [0.0002]	0.0001 [0.0002] J, SJ-	0.00011 [0.0002] J, SJ-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.00099]	-	-	ND [0.00098]	-	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.0025]	-	-	ND [0.0025]	-	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	-
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.000099]	-	-	ND [0.000098]	-	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	2-Nitroaniline		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	2-Nitrophenol		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.00099] R	-	-	ND [0.00098]	-	-	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.0004]	-	-	ND [0.00039]	-	-	-
SW8270	3-Nitroaniline		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	4-Nitroaniline		mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	-
SW8270	4-Nitrophenol		mg/L	-	ND [0.00099]	-	-	ND [0.00098]	-	-	-
SW8270	Acenaphthene	2.2	mg/L	-	ND [0.00005]	-	-	ND [0.000049]	-	-	-
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.00004]	-	-	ND [0.000039]	-	-	-
SW8270	Anthracene	11	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	-	-
SW8270	Azobenzene		mg/L	-	ND [0.0005]	-	-	ND [0.00049]	-	-	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00004]	-	-	ND [0.000039]	-	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	-
SW8270	Benzoic acid	150	mg/L	-	ND [0.00099]	-	-	0.00061 [0.00098] J, B	-	-	-
SW8270	Benzyl alcohol		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	0.0035 [0.0015]	-	-	ND [0.0015]	-	-	-
SW8270	Carbazole	0.043	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-

			Location	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW12-GWBS	11FWAMW12-GWS
			Laboratory Sample ID	27442-5	27442-5	27464-8	27365-7	27365-7	27395-1	27574-2	27574-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/14/2011	7/14/2011	7/14/2011	7/12/11	7/12/11	7/12/11	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	-
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	Diethyl phthalate	29	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	ND [0.0002]	-	-	0.00011 [0.0002] J, B	-	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.000025]	-	-	ND [0.000025]	-	-	-
SW8270	Fluorene	1.5	mg/L	-	0.00032 [0.00003]	-	-	ND [0.000029]	-	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	-
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	-
SW8270	Isophorone	0.9	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	Naphthalene	0.73	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	*ND [0.00099] E*	-	-	*ND [0.00098] E*	-	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.0002] JL-	-	-	ND [0.0002]	-	-	-
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.00035]	-	-	ND [0.00034]	-	-	-
SW8270	Phenanthrene	11	mg/L	-	ND [0.00004]	-	-	ND [0.000039]	-	-	-
SW8270	Phenol	11	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	-
SW8270	Pyrene	1.1	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	0.00012 [0.000013] JS-	-	-	ND [0.000013]	-	-	-
8270SIM	Acenaphthene	2.2	mg/L	-	0.00021 [0.000099]	-	-	ND [0.0000098]	-	-	-
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.000099]	-	-	ND [0.0000098]	-	-	-
8270SIM	Anthracene	11	mg/L	-	0.00006 [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002] JS-	-	-	ND [0.00002]	-	-	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Chrysene	0.12	mg/L	-	ND [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Fluoranthene	1.5	mg/L	-	ND [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Fluorene	1.5	mg/L	-	0.00028 [0.000099]	-	-	ND [0.0000098]	-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Naphthalene	0.73	mg/L	-	0.00017 [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Phenanthrene	11	mg/L	-	0.000081 [0.0000099] JS-	-	-	ND [0.0000098]	-	-	-
8270SIM	Pyrene	1.1	mg/L	-	0.0000068 [0.0000099] J, JS-	-	-	ND [0.0000098]	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	ND [0.00097]	-	-	ND [0.00098] JH	-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	ND [0.00039]	-	-	ND [0.00039] JH	-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	ND [0.00039]	-	-	ND [0.00039] JH	-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.00039]	-	-	ND [0.00039] JH	-	-	-	-

			Location	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW12-GWBS	11FWAMW12-GWS
			Laboratory Sample ID	27442-5	27442-5	27464-8	27365-7	27365-7	27395-1	27574-2	27574-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/14/2011	7/14/2011	7/14/2011	7/12/11	7/12/11	7/12/11	7/20/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	**0.0022 [0.00019]**	-	-	ND [0.0002] JH	-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	ND [0.00019]	-	-	ND [0.0002] JH	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	ND [0.00019]	-	-	ND [0.0002] JH	-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	ND [0.00019]	-	-	ND [0.0002] JH	-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	ND [0.00019]	-	-	ND [0.0002] JH	-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	ND [0.00039]	-	-	ND [0.00039] JH	-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	ND [0.00039]	-	-	ND [0.00039] JH	-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	ND [0.00039]	-	-	ND [0.00039] JH	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.00039]	-	-	ND [0.00039] JH	-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	ND [0.00097]	-	-	ND [0.00098] JH	-	-	-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

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			Location	MW13	MW13	MW26	MW26	MW26	MW32	MW33	MW35
			Sample ID	11FWAMW13-GWS	11FWAMW13-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW35-GWS
			Laboratory Sample ID	27365-10	27395-2	27442-1	27442-1	27464-9	27574-3	27574-7	27464-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/14/2011	7/14/2011	7/14/2011	7/20/2012	7/20/2011	7/16/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	0.015 [0.05] J, B	-	-	0.017 [0.05] J, B	ND [0.05]	0.055 [0.05]	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.078 [0.097] J	-	-	0.063 [0.096] J, JTE	-	-	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.18 [0.097]	-	-	0.098 [0.096] JTE	-	-	-	-
SW6010B	Aluminum		mg/L	ND [1]	-	-	ND [1]	-	-	-	-
SW6010B	Boron		mg/L	ND [2.5]	-	-	ND [2.5]	-	-	-	-
SW6010B	Calcium		mg/L	140 [1.1]	-	-	100 [1.1] J	-	-	-	-
SW6010B	Iron		mg/L	7.8 [0.2]	-	-	0.35 [0.2]	-	-	-	-
SW6010B	Magnesium		mg/L	23 [1.1]	-	-	22 [1.1]	-	-	-	-
SW6010B	Potassium		mg/L	4.2 [3.3]	-	-	5.3 [3.3]	-	-	-	-
SW6010B	Sodium		mg/L	4 [2]	-	-	3.3 [2]	-	-	-	-
SW6020	Antimony	0.006	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	-	-
SW6020	Arsenic	0.01	mg/L	ND [0.005]	-	-	ND [0.005]	-	-	-	-
SW6020	Barium	2	mg/L	0.16 [0.006]	-	-	0.13 [0.006]	-	-	-	-
SW6020	Beryllium	0.004	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	-	-
SW6020	Cadmium	0.005	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	-	-
SW6020	Chromium	0.1	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	-	-
SW6020	Cobalt		mg/L	0.0028 [0.002]	-	-	0.0012 [0.002] J	-	-	-	-
SW6020	Copper	1	mg/L	0.0013 [0.005] J	-	-	0.0044 [0.005] J	-	-	-	-
SW6020	Lead	0.015	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	-	-
SW6020	Manganese		mg/L	1 [0.002]	-	-	0.3 [0.002]	-	-	-	-
SW6020	Nickel	0.1	mg/L	0.0056 [0.015] J	-	-	0.0037 [0.015] J	-	-	-	-
SW6020	Selenium	0.05	mg/L	ND [0.005]	-	-	ND [0.005]	-	-	-	-
SW6020	Silver	0.1	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	-	-
SW6020	Thallium	0.002	mg/L	ND [0.005]	-	-	ND [0.005]	-	-	-	-
SW6020	Vanadium	0.26	mg/L	ND [0.01]	-	-	ND [0.01]	-	-	-	-
SW6020	Zinc	5	mg/L	0.0044 [0.007] J	-	-	ND [0.007]	-	-	-	-
SW7470A	Mercury	0.002	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8081	4,4'-DDD		mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	Aldrin	0.00005	mg/L	ND [0.0000096]	-	-	ND [0.00001]	-	-	-	-
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000096]	-	-	ND [0.00001]	-	-	-	-
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000096]	-	-	ND [0.00001]	-	-	-	-
SW8081	beta-BHC	0.00047	mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	delta-BHC		mg/L	ND [0.0000096]	-	-	ND [0.00001]	-	-	-	-
SW8081	Dieldrin	0.000053	mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	Endosulfan I		mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	Endosulfan II		mg/L	ND [0.000019]	-	-	0.0000051 [0.00002] J	-	-	-	-
SW8081	Endosulfan sulfate		mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	Endrin	0.002	mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	Endrin aldehyde		mg/L	ND [0.000048]	-	-	ND [0.00005]	-	-	-	-
SW8081	Endrin ketone		mg/L	ND [0.000019]	-	-	ND [0.00002]	-	-	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000096]	-	-	ND [0.00001]	-	-	-	-
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000096]	-	-	ND [0.00001]	-	-	-	-
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000096]	-	-	ND [0.00001]	-	-	-	-

			Location	MW13	MW13	MW26	MW26	MW26	MW32	MW33	MW35
			Sample ID	11FWAMW13-GWS	11FWAMW13-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW35-GWS
			Laboratory Sample ID	27365-10	27395-2	27442-1	27442-1	27464-9	27574-3	27574-7	27464-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/14/2011	7/14/2011	7/14/2011	7/20/2012	7/20/2011	7/16/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000096]	-	-	ND [0.00001]	-	-	-	-
SW8081	Methoxychlor	0.04	mg/L	ND [0.000096]	-	-	ND [0.0001]	-	-	-	-
SW8081	Toxaphene	0.003	mg/L	ND [0.00096]	-	-	ND [0.001]	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	ND [0.00048]	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	ND [0.00048]	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	ND [0.00048]	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	ND [0.00048]	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	ND [0.00048]	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	ND [0.00048]	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	ND [0.00048]	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	-	-
SW8151A	2,4-D	0.07	mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	-	-
SW8151A	2,4-DB		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	-	-
SW8151A	4-Nitrophenol		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	-	-
SW8151A	Dalapon		mg/L	ND [0.0004]	-	-	ND [0.0004]	-	-	-	-
SW8151A	Dicamba		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	-	-
SW8151A	Dichlorprop		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	-	-
SW8151A	Dinoseb		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	-	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1-Dichloropropene		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	ND [0.002]	-	-	ND [0.002]	ND [0.002]	ND [0.002]	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	0.0004 [0.001] J	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,3-Dichloropropane		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	2,2-Dichloropropane		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	2-Butanone	22	mg/L	-	ND [0.01]	-	-	ND [0.01]	ND [0.01]	0.0016 [0.01] J, B	-
SW8260	2-Chlorotoluene		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	2-Hexanone		mg/L	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]	-
SW8260	4-Chlorotoluene		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-

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			Location	MW13	MW13	MW26	MW26	MW26	MW32	MW33	MW35
			Sample ID	11FWAMW13-GWS	11FWAMW13-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW35-GWS
			Laboratory Sample ID	27365-10	27395-2	27442-1	27442-1	27464-9	27574-3	27574-7	27464-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/14/2011	7/14/2011	7/14/2011	7/20/2012	7/20/2011	7/16/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	0.00051 [0.001] J	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]	-
SW8260	Acetone	33	mg/L	-	ND [0.01]	-	-	ND [0.01]	ND [0.01]	ND [0.01]	-
SW8260	Benzene	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromobenzene		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromochloromethane		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromodichloromethane	0.014	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromoform	0.11	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromomethane	0.051	mg/L	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]	-
SW8260	Carbon disulfide	3.7	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Carbon tetrachloride	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Chlorobenzene	0.1	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Chloroethane	0.29	mg/L	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]	-
SW8260	Chloroform	0.14	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Chloromethane	0.066	mg/L	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	cis-1,3-Dichloropropene		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Dibromochloromethane	0.01	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Dibromomethane		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Ethylbenzene	0.7	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Isopropylbenzene	3.7	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Methylene chloride	0.005	mg/L	-	0.00015 [0.003] J	-	-	0.0002 [0.003] J	0.00035 [0.003] J, B	ND [0.003]	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Naphthalene	0.73	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	n-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	n-Propylbenzene	0.37	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	o-Xylene	10	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	sec-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Styrene	0.1	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	tert-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	0.00021 [0.001] J	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Toluene	1	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	trans-1,3-Dichloropropene		mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Trichlorofluoromethane	11	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Vinyl chloride	0.002	mg/L	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Xylene, Isomers m & p	10	mg/L	-	ND [0.002]	-	-	ND [0.002]	ND [0.002]	ND [0.002]	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.0004]	-	-	ND [0.0004]	ND [0.0004]	ND [0.0004]	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	ND [0.0007]	-	-	0.0017 [0.0007]	0.0005 [0.0007] J	0.0011 [0.0007]	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	ND [0.0002]	ND [0.0002]	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	ND [0.0001]	-	-	ND [0.0001]	ND [0.0001]	ND [0.0001]	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	ND [0.0005]	-	-	ND [0.0005]	0.000046 [0.0005] J	0.0001 [0.0005] J	-
SW8260B	Benzene	0.005	mg/L	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005]	0.000039 [0.0005] J	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	-

			Location	MW13	MW13	MW26	MW26	MW26	MW32	MW33	MW35
			Sample ID	11FWAMW13-GWS	11FWAMW13-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW35-GWS
			Laboratory Sample ID	27365-10	27395-2	27442-1	27442-1	27464-9	27574-3	27574-7	27464-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/14/2011	7/14/2011	7/14/2011	7/20/2012	7/20/2011	7/16/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	-
SW8260B	Vinyl chloride	0.002	mg/L	-	ND [0.0002]	-	-	0.00016 [0.0002] J	0.000072 [0.0002] J	0.000063 [0.0002] J	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.0003]	-	-	ND [0.0003] JTE	-	-	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.00099]	-	-	ND [0.001] JTE	-	-	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0025]	-	-	ND [0.0025] JTE	-	-	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.00003]	-	-	ND [0.00003] JTE	-	-	-	-
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.002]	-	-	ND [0.002] JTE	-	-	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.000099]	-	-	ND [0.0001] JTE	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	2-Nitroaniline		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	2-Nitrophenol		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.00099]	-	-	ND [0.001] R	-	-	-	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.0004]	-	-	ND [0.0004] JTE	-	-	-	-
SW8270	3-Nitroaniline		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.0002]	-	-	ND [0.0002] R	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	4-Nitroaniline		mg/L	ND [0.0003]	-	-	ND [0.0003] JTE	-	-	-	-
SW8270	4-Nitrophenol		mg/L	ND [0.00099]	-	-	ND [0.001] JTE	-	-	-	-
SW8270	Acenaphthene	2.2	mg/L	ND [0.00005]	-	-	ND [0.000051] JTE	-	-	-	-
SW8270	Acenaphthylene	2.2	mg/L	ND [0.00004]	-	-	ND [0.00004] JTE	-	-	-	-
SW8270	Anthracene	11	mg/L	ND [0.00002]	-	-	ND [0.00002] JTE	-	-	-	-
SW8270	Azobenzene		mg/L	ND [0.0005]	-	-	ND [0.00051] JTE	-	-	-	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.00003]	-	-	ND [0.00003] JTE	-	-	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	-	ND [0.00002] JTE	-	-	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.00004]	-	-	ND [0.00004] JTE	-	-	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.00003]	-	-	ND [0.00003] JTE	-	-	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.00003]	-	-	ND [0.00003] JTE	-	-	-	-
SW8270	Benzoic acid	150	mg/L	0.00064 [0.00099] J, B	-	-	0.00069 [0.001] J, JTE, B	-	-	-	-
SW8270	Benzyl alcohol		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	0.00016 [0.0003] J, B	-	-	ND [0.0003] JTE	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	**0.012 [0.0074]**	-	-	ND [0.0015] JTE	-	-	-	-
SW8270	Carbazole	0.043	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-

			Location	MW13	MW13	MW26	MW26	MW26	MW32	MW33	MW35
			Sample ID	11FWAMW13-GWS	11FWAMW13-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW35-GWS
			Laboratory Sample ID	27365-10	27395-2	27442-1	27442-1	27464-9	27574-3	27574-7	27464-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/14/2011	7/14/2011	7/14/2011	7/20/2012	7/20/2011	7/16/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	ND [0.00002]	-	-	ND [0.00002] JTE	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.00003]	-	-	ND [0.00003] JTE	-	-	-	-
SW8270	Dibenzofuran	0.073	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	Diethyl phthalate	29	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	Dimethyl phthalate	370	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.00012 [0.0002] J, B	-	-	0.000079 [0.0002] J, JTE, B	-	-	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	Fluoranthene	1.5	mg/L	ND [0.000025]	-	-	ND [0.000025] JTE	-	-	-	-
SW8270	Fluorene	1.5	mg/L	ND [0.00003]	-	-	ND [0.00003] JTE	-	-	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	ND [0.0003]	-	-	ND [0.0003] JTE	-	-	-	-
SW8270	Hexachloroethane	0.04	mg/L	ND [0.0003]	-	-	ND [0.0003] JTE	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.00003]	-	-	ND [0.00003] JTE	-	-	-	-
SW8270	Isophorone	0.9	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	Naphthalene	0.73	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	Nitrobenzene	0.018	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.00099] E*	-	-	*ND [0.001] JTE, E*	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.0002]	-	-	ND [0.0002] JTE	-	-	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.0002]	-	-	ND [0.0002] JL-, JTE	-	-	-	-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00035]	-	-	ND [0.00035] JTE	-	-	-	-
SW8270	Phenanthrene	11	mg/L	ND [0.00004]	-	-	ND [0.00004] JTE	-	-	-	-
SW8270	Phenol	11	mg/L	ND [0.0003]	-	-	ND [0.0003] JTE	-	-	-	-
SW8270	Pyrene	1.1	mg/L	ND [0.00003]	-	-	ND [0.00003] JTE	-	-	-	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013]	-	-	0.0000036 [0.000013] J, JTE	-	-	-	-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Anthracene	11	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	-	ND [0.00002] JTE	-	-	-	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Chrysene	0.12	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Fluorene	1.5	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Naphthalene	0.73	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Phenanthrene	11	mg/L	ND [0.0000099]	-	-	ND [0.00001] JTE	-	-	-	-
8270SIM	Pyrene	1.1	mg/L	ND [0.0000099]	-	-	0.0000033 [0.00001] J, JTE	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	ND [0.00093] JTE	-	-	-	-	ND [0.00099] JS-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	-	ND [0.00037] JTE	-	-	-	-	ND [0.0004] JS-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	ND [0.00037] JTE	-	-	-	-	ND [0.0004] JS-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.00037] JTE	-	-	-	-	ND [0.0004] JS-

			Location	MW13	MW13	MW26	MW26	MW26	MW32	MW33	MW35
			Sample ID	11FWAMW13-GWS	11FWAMW13-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW26-GWS	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW35-GWS
			Laboratory Sample ID	27365-10	27395-2	27442-1	27442-1	27464-9	27574-3	27574-7	27464-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/14/2011	7/14/2011	7/14/2011	7/20/2012	7/20/2011	7/16/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.00019] JTE	-	-	-	-	ND [0.0002] JS-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.00019] JTE	-	-	-	-	ND [0.0002] JS-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.00019] JTE	-	-	-	-	ND [0.0002] JS-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	ND [0.00019] JTE	-	-	-	-	ND [0.0002] JS-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	ND [0.00019] JTE	-	-	-	-	ND [0.0002] JS-
SW8330	m-Nitrotoluene	0.73	mg/L	-	-	ND [0.00037] JTE	-	-	-	-	ND [0.0004] JS-
SW8330	Nitrobenzene	0.018	mg/L	-	-	ND [0.00037] JTE	-	-	-	-	ND [0.0004] JS-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	ND [0.00037] JTE	-	-	-	-	ND [0.0004] JS-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.00037] JTE	-	-	-	-	ND [0.0004] JS-
SW8330	p-Nitrotoluene	0.05	mg/L	-	-	ND [0.00093] JTE	-	-	-	-	ND [0.00099] JS-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	MW35	MW37	MW37	MW38	MW38	MW39	MW39	MW39
			Sample ID	11FWAMW35-GWS	11FWAMW37-GWS	11FWAMW37-GWS	11FWAMW38-GWS	11FWAMW38-GWS	11FWAMW39-GWBS	11FWAMW39-GWBS	11FWAMW39-GWS
			Laboratory Sample ID	27464-2	27464-1	27464-1	27464-6	27464-6	27365-2	27365-2	27365-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/16/2011	7/16/2011	7/14/2011	7/14/2011	7/11/2011	7/11/2011	7/11/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	-	-	0.016 [0.05] J, B	-	ND [0.05] JH	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.14 [0.097]	-	0.4 [0.1]	-	0.1 [0.1]	-	0.056 [0.099] J	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.22 [0.097]	-	0.23 [0.1]	-	0.21 [0.1]	-	0.11 [0.099]	-
SW6010B	Aluminum		mg/L	ND [1]	-	ND [1]	-	ND [1]	-	ND [1]	-
SW6010B	Boron		mg/L	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-
SW6010B	Calcium		mg/L	87 [1.1]	-	76 [1.1]	-	93 [1.1]	-	61 [1.1]	-
SW6010B	Iron		mg/L	0.035 [0.2] J, B	-	0.052 [0.2] J, B	-	6.9 [0.2]	-	6.9 [0.2]	-
SW6010B	Magnesium		mg/L	21 [1.1]	-	17 [1.1]	-	19 [1.1]	-	14 [1.1]	-
SW6010B	Potassium		mg/L	5 [3.3]	-	4.7 [3.3]	-	5.8 [3.3]	-	4.9 [3.3]	-
SW6010B	Sodium		mg/L	6 [2]	-	6.1 [2]	-	6.8 [2]	-	8.7 [2]	-
SW6020	Antimony	0.006	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Arsenic	0.01	mg/L	ND [0.005]	-	ND [0.005]	-	0.0089 [0.005]	-	0.0065 [0.005]	-
SW6020	Barium	2	mg/L	0.094 [0.006]	-	0.11 [0.006]	-	0.17 [0.006]	-	0.24 [0.006]	-
SW6020	Beryllium	0.004	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Cadmium	0.005	mg/L	0.00015 [0.002] J	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Chromium	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Cobalt		mg/L	0.00075 [0.002] J	-	0.0002 [0.002] J	-	0.00035 [0.002] J	-	ND [0.002]	-
SW6020	Copper	1	mg/L	0.0022 [0.005] J	-	0.0025 [0.005] J	-	0.0006 [0.005] J	-	ND [0.005]	-
SW6020	Lead	0.015	mg/L	ND [0.002]	-	ND [0.002]	-	0.0023 [0.002]	-	ND [0.002]	-
SW6020	Manganese		mg/L	0.15 [0.002]	-	0.11 [0.002]	-	0.87 [0.002]	-	0.76 [0.002]	-
SW6020	Nickel	0.1	mg/L	0.0053 [0.015] J	-	0.0024 [0.015] J	-	ND [0.015]	-	ND [0.015]	-
SW6020	Selenium	0.05	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW6020	Silver	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Thallium	0.002	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW6020	Vanadium	0.26	mg/L	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-
SW6020	Zinc	5	mg/L	ND [0.007]	-	ND [0.007]	-	ND [0.007]	-	0.0042 [0.007] J	-
SW7470A	Mercury	0.002	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8081	4,4'-DDD		mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	0.0000043 [0.00002] J	-
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.00002]	-	0.0000098 [0.00002] J, B	-	ND [0.00002]	-	0.0000088 [0.00002] J	-
SW8081	Aldrin	0.00005	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.00001]	-
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.00001]	-
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.00001]	-
SW8081	beta-BHC	0.00047	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	delta-BHC		mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.00001]	-
SW8081	Dieldrin	0.000053	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endosulfan I		mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endosulfan II		mg/L	0.000012 [0.00002] J	-	0.0000091 [0.00002] J	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endosulfan sulfate		mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endrin	0.002	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endrin aldehyde		mg/L	ND [0.00005]	-	ND [0.000049]	-	ND [0.000051]	-	ND [0.00005]	-
SW8081	Endrin ketone		mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.00001]	-
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.00001]	-
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.00001]	-

			Location	MW35	MW37	MW37	MW38	MW38	MW39	MW39	MW39
			Sample ID	11FWAMW35-GWS	11FWAMW37-GWS	11FWAMW37-GWS	11FWAMW38-GWS	11FWAMW38-GWS	11FWAMW39-GWBS	11FWAMW39-GWBS	11FWAMW39-GWS
			Laboratory Sample ID	27464-2	27464-1	27464-1	27464-6	27464-6	27365-2	27365-2	27365-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/16/2011	7/16/2011	7/14/2011	7/14/2011	7/11/2011	7/11/2011	7/11/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.00001]	-
SW8081	Methoxychlor	0.04	mg/L	ND [0.000099]	-	ND [0.000098]	-	ND [0.0001]	-	0.0000067 [0.0001] J	-
SW8081	Toxaphene	0.003	mg/L	ND [0.00099]	-	ND [0.00098]	-	ND [0.001]	-	ND [0.001]	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00025]	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00025]	-
SW8151A	2,4-D	0.07	mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00025]	-
SW8151A	2,4-DB		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00025]	-
SW8151A	4-Nitrophenol		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00025]	-
SW8151A	Dalapon		mg/L	ND [0.0004]	-	ND [0.0004]	-	ND [0.00041]	-	ND [0.0004]	-
SW8151A	Dicamba		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00025]	-
SW8151A	Dichlorprop		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00025]	-
SW8151A	Dinoseb		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00025]	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1-Dichloropropene		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	-	*ND [0.001] E*	-	*ND [0.001] E*	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	-	-	-	ND [0.002]	-	ND [0.002]	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	-	-	-	*ND [0.001] E*	-	*ND [0.001] E*	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,3-Dichloropropane		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	2,2-Dichloropropane		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	2-Butanone	22	mg/L	-	-	-	-	ND [0.01]	-	ND [0.01]	-
SW8260	2-Chlorotoluene		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	2-Hexanone		mg/L	-	-	-	-	ND [0.005]	-	ND [0.005]	-
SW8260	4-Chlorotoluene		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-

			Location	MW35	MW37	MW37	MW38	MW38	MW39	MW39	MW39
			Sample ID	11FWAMW35-GWS	11FWAMW37-GWS	11FWAMW37-GWS	11FWAMW38-GWS	11FWAMW38-GWS	11FWAMW39-GWBS	11FWAMW39-GWBS	11FWAMW39-GWS
			Laboratory Sample ID	27464-2	27464-1	27464-1	27464-6	27464-6	27365-2	27365-2	27365-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/16/2011	7/16/2011	7/14/2011	7/14/2011	7/11/2011	7/11/2011	7/11/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	-	-	-	ND [0.005]	-	ND [0.005]	-
SW8260	Acetone	33	mg/L	-	-	-	-	ND [0.01]	-	ND [0.01]	-
SW8260	Benzene	0.005	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromobenzene		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromochloromethane		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromodichloromethane	0.014	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromoform	0.11	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromomethane	0.051	mg/L	-	-	-	-	ND [0.005]	-	ND [0.005]	-
SW8260	Carbon disulfide	3.7	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Carbon tetrachloride	0.005	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Chlorobenzene	0.1	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Chloroethane	0.29	mg/L	-	-	-	-	ND [0.005]	-	ND [0.005]	-
SW8260	Chloroform	0.14	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Chloromethane	0.066	mg/L	-	-	-	-	ND [0.005]	-	ND [0.005]	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	cis-1,3-Dichloropropene		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Dibromochloromethane	0.01	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Dibromomethane		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Ethylbenzene	0.7	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Isopropylbenzene	3.7	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Methylene chloride	0.005	mg/L	-	-	-	-	0.0002 [0.003] J	-	ND [0.003]	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Naphthalene	0.73	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	n-Butylbenzene	0.37	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	n-Propylbenzene	0.37	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	o-Xylene	10	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	sec-Butylbenzene	0.37	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Styrene	0.1	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	tert-Butylbenzene	0.37	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Toluene	1	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	trans-1,3-Dichloropropene		mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	-	-	-	0.00015 [0.001] J	-	ND [0.001]	-
SW8260	Trichlorofluoromethane	11	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Vinyl chloride	0.002	mg/L	-	-	-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Xylene, Isomers m & p	10	mg/L	-	-	-	-	ND [0.002]	-	ND [0.002]	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	-	-	ND [0.0004]	-	ND [0.0004]	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	-	-	-	0.000036 [0.0007] J	-	ND [0.0007]	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	-	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	-	-	-	ND [0.0005]	-	0.000026 [0.0005] J	-
SW8260B	Benzene	0.005	mg/L	-	-	-	-	ND [0.0005]	-	ND [0.0005]	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	-	-	-	ND [0.0005]	-	ND [0.0005]	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	-	-	-	ND [0.0005]	-	ND [0.0005]	-

			Location	MW35	MW37	MW37	MW38	MW38	MW39	MW39	MW39
			Sample ID	11FWAMW35-GWS	11FWAMW37-GWS	11FWAMW37-GWS	11FWAMW38-GWS	11FWAMW38-GWS	11FWAMW39-GWBS	11FWAMW39-GWBS	11FWAMW39-GWS
			Laboratory Sample ID	27464-2	27464-1	27464-1	27464-6	27464-6	27365-2	27365-2	27365-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/16/2011	7/16/2011	7/14/2011	7/14/2011	7/11/2011	7/11/2011	7/11/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	-	-	-	0.00015 [0.0005] J	-	ND [0.0005]	-
SW8260B	Vinyl chloride	0.002	mg/L	-	-	-	-	0.000017 [0.0002] J	-	ND [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.00029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.00098]	-	ND [0.00098]	-	ND [0.001]	-	ND [0.00098]	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0025]	-	ND [0.0025]	-	ND [0.0025]	-	ND [0.0025]	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.000029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.000098]	-	ND [0.000098]	-	ND [0.0001]	-	ND [0.000098]	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Nitroaniline		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Nitrophenol		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.00098] R	-	ND [0.00098] R	-	ND [0.001] R	-	ND [0.00098]	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.00039]	-	ND [0.00039]	-	ND [0.0004]	-	ND [0.00039]	-
SW8270	3-Nitroaniline		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.0002] R	-	ND [0.0002] R	-	ND [0.0002] R	-	ND [0.0002]	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Nitroaniline		mg/L	ND [0.00029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	4-Nitrophenol		mg/L	ND [0.00098]	-	ND [0.00098]	-	ND [0.001]	-	ND [0.00098]	-
SW8270	Acenaphthene	2.2	mg/L	ND [0.000049]	-	ND [0.000049]	-	ND [0.00005]	-	ND [0.000049]	-
SW8270	Acenaphthylene	2.2	mg/L	ND [0.000039]	-	ND [0.000039]	-	ND [0.00004]	-	ND [0.000039]	-
SW8270	Anthracene	11	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Azobenzene		mg/L	ND [0.00049]	-	ND [0.00049]	-	ND [0.0005]	-	ND [0.00049]	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.000029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000039]	-	ND [0.000039]	-	ND [0.00004]	-	ND [0.000039]	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Benzoic acid	150	mg/L	0.00061 [0.00098] J, B	-	ND [0.00098]	-	0.00068 [0.001] J, B	-	0.00065 [0.00098] J, B	-
SW8270	Benzyl alcohol		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	0.00013 [0.00029] J	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	0.0021 [0.0015]	-	ND [0.0015]	-	ND [0.0015]	-
SW8270	Carbazole	0.043	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-

			Location	MW35	MW37	MW37	MW38	MW38	MW39	MW39	MW39
			Sample ID	11FWAMW35-GWS	11FWAMW37-GWS	11FWAMW37-GWS	11FWAMW38-GWS	11FWAMW38-GWS	11FWAMW39-GWBS	11FWAMW39-GWBS	11FWAMW39-GWS
			Laboratory Sample ID	27464-2	27464-1	27464-1	27464-6	27464-6	27365-2	27365-2	27365-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/16/2011	7/16/2011	7/14/2011	7/14/2011	7/11/2011	7/11/2011	7/11/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Dibenzofuran	0.073	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Diethyl phthalate	29	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Dimethyl phthalate	370	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.00016 [0.0002] J, B	-	0.00012 [0.0002] J, B	-	0.000079 [0.0002] J, B	-	0.00011 [0.0002] J, B	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Fluoranthene	1.5	mg/L	ND [0.000025]	-	ND [0.000025]	-	ND [0.000025]	-	ND [0.000025]	-
SW8270	Fluorene	1.5	mg/L	ND [0.000029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	ND [0.00029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	Hexachloroethane	0.04	mg/L	ND [0.00029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Isophorone	0.9	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Naphthalene	0.73	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Nitrobenzene	0.018	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.00098] E*	-	*ND [0.00098] E*	-	*ND [0.001] E*	-	*ND [0.00098] E*	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.0002] JL-	-	ND [0.0002] JL-	-	ND [0.0002] JL-	-	ND [0.0002]	-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00034]	-	ND [0.00034]	-	ND [0.00035]	-	ND [0.00034]	-
SW8270	Phenanthrene	11	mg/L	ND [0.000039]	-	ND [0.000039]	-	ND [0.00004]	-	ND [0.000039]	-
SW8270	Phenol	11	mg/L	ND [0.00029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	Pyrene	1.1	mg/L	ND [0.000029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013]	-	0.000021 [0.000013]	-	ND [0.000013]	-	ND [0.000013]	-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Anthracene	11	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Chrysene	0.12	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Fluorene	1.5	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Naphthalene	0.73	mg/L	ND [0.0000098]	-	0.0000056 [0.0000098] J	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Phenanthrene	11	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Pyrene	1.1	mg/L	ND [0.0000098]	-	ND [0.0000098]	-	ND [0.00001]	-	ND [0.0000098]	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	ND [0.00098]	-	ND [0.001] JS-	-	ND [0.00099] JH, JS-	-	ND [0.00098] JH
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	0.0001 [0.00039] J	-	ND [0.0004] JS-	-	ND [0.0004] JH, JS-	-	ND [0.00039] JH
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	ND [0.00039]	-	ND [0.0004] JS-	-	ND [0.0004] JH, JS-	-	ND [0.00039] JH
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.00039]	-	ND [0.0004] JS-	-	ND [0.0004] JH, JS-	-	ND [0.00039] JH

			Location	MW35	MW37	MW37	MW38	MW38	MW39	MW39	MW39
			Sample ID	11FWAMW35-GWS	11FWAMW37-GWS	11FWAMW37-GWS	11FWAMW38-GWS	11FWAMW38-GWS	11FWAMW39-GWBS	11FWAMW39-GWBS	11FWAMW39-GWS
			Laboratory Sample ID	27464-2	27464-1	27464-1	27464-6	27464-6	27365-2	27365-2	27365-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/16/2011	7/16/2011	7/16/2011	7/14/2011	7/14/2011	7/11/2011	7/11/2011	7/11/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	ND [0.0002] JS-	-	ND [0.0002] JH, JS-	-	ND [0.0002] JH
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	ND [0.0002] JS-	-	ND [0.0002] JH, JS-	-	ND [0.0002] JH
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	ND [0.0002] JS-	-	ND [0.0002] JH, JS-	-	ND [0.0002] JH
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	ND [0.0002]	-	ND [0.0002] JS-	-	ND [0.0002] JH, JS-	-	ND [0.0002] JH
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	ND [0.0002]	-	ND [0.0002] JS-	-	ND [0.0002] JH, JS-	-	ND [0.0002] JH
SW8330	m-Nitrotoluene	0.73	mg/L	-	ND [0.00039]	-	ND [0.0004] JS-	-	ND [0.0004] JH, JS-	-	ND [0.00039] JH
SW8330	Nitrobenzene	0.018	mg/L	-	0.00014 [0.00039] J	-	ND [0.0004] JS-	-	ND [0.0004] JH, JS-	-	ND [0.00039] JH
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	ND [0.00039]	-	ND [0.0004] JS-	-	ND [0.0004] JH, JS-	-	ND [0.00039] JH, JM-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	0.00061 [0.00039]	-	ND [0.0004] JS-	-	ND [0.0004] JH, JS-	-	ND [0.00039] JH
SW8330	p-Nitrotoluene	0.05	mg/L	-	ND [0.00098]	-	ND [0.001] JS-	-	ND [0.00099] JH, JS-	-	ND [0.00098] JH, JM-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

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			Location	MW39	MW40	MW40	MW43	MW43	MW43	MW45	MW45
			Sample ID	11FWAMW39-GWS	11FWAMW40-GWS	11FWAMW40-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW45-GWS	11FWAMW45-GWS
			Laboratory Sample ID	27365-1	27365-3	27365-3	27442-2	27442-2	27464-10	27464-5	27464-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/11/2011	7/11/2011	7/11/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	ND [0.05] JH	-	ND [0.05] JH	-	-	ND [0.05]	-	0.02 [0.05] J, B
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.052 [0.098] J, JM-	-	0.068 [0.098] J	-	0.09 [0.1] J	-	-	0.071 [0.1] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.1 [0.098]	-	0.14 [0.098]	-	0.19 [0.1]	-	-	0.16 [0.1]
SW6010B	Aluminum		mg/L	ND [1]	-	ND [1]	-	ND [1]	-	-	ND [1]
SW6010B	Boron		mg/L	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-	-	ND [2.5]
SW6010B	Calcium		mg/L	64 [1.1]	-	59 [1.1]	-	81 [1.1]	-	-	74 [1.1]
SW6010B	Iron		mg/L	7 [0.2]	-	6.6 [0.2]	-	12 [0.2]	-	-	8.3 [0.2]
SW6010B	Magnesium		mg/L	14 [1.1]	-	13 [1.1]	-	21 [1.1]	-	-	18 [1.1]
SW6010B	Potassium		mg/L	5.1 [3.3]	-	5.2 [3.3]	-	5.6 [3.3]	-	-	5.3 [3.3]
SW6010B	Sodium		mg/L	9 [2]	-	8.7 [2]	-	5.9 [2]	-	-	7.3 [2]
SW6020	Antimony	0.006	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]
SW6020	Arsenic	0.01	mg/L	0.0064 [0.005]	-	**0.012 [0.005]**	-	0.0098 [0.005]	-	-	0.0094 [0.005]
SW6020	Barium	2	mg/L	0.23 [0.006]	-	0.26 [0.006]	-	0.27 [0.006]	-	-	0.31 [0.006]
SW6020	Beryllium	0.004	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]
SW6020	Cadmium	0.005	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]
SW6020	Chromium	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]
SW6020	Cobalt		mg/L	ND [0.002]	-	ND [0.002]	-	0.00063 [0.002] J	-	-	0.00035 [0.002] J
SW6020	Copper	1	mg/L	0.0013 [0.005] J	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]
SW6020	Lead	0.015	mg/L	ND [0.002]	-	ND [0.002]	-	0.00046 [0.002] J	-	-	ND [0.002]
SW6020	Manganese		mg/L	0.74 [0.002] JM+	-	0.67 [0.002]	-	1.3 [0.002]	-	-	0.44 [0.002]
SW6020	Nickel	0.1	mg/L	ND [0.015]	-	ND [0.015]	-	ND [0.015]	-	-	ND [0.015]
SW6020	Selenium	0.05	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]
SW6020	Silver	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]
SW6020	Thallium	0.002	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]
SW6020	Vanadium	0.26	mg/L	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	-	ND [0.01]
SW6020	Zinc	5	mg/L	0.0095 [0.007]	-	0.0038 [0.007] J	-	ND [0.007]	-	-	ND [0.007]
SW7470A	Mercury	0.002	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	-	ND [0.0002]
SW8081	4,4'-DDD		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	Aldrin	0.00005	mg/L	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000097]	-	-	ND [0.00001]
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000097]	-	-	ND [0.00001]
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000097]	-	-	ND [0.00001]
SW8081	beta-BHC	0.00047	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	delta-BHC		mg/L	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000097]	-	-	ND [0.00001]
SW8081	Dieldrin	0.000053	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	Endosulfan I		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	Endosulfan II		mg/L	ND [0.000019]	-	0.0000053 [0.000019] J	-	0.0000098 [0.000019] J	-	-	0.0000078 [0.00002] J
SW8081	Endosulfan sulfate		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	Endrin	0.002	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	Endrin aldehyde		mg/L	ND [0.000049]	-	ND [0.000049]	-	ND [0.000049]	-	-	ND [0.000051]
SW8081	Endrin ketone		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-	ND [0.00002]
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000097]	-	-	ND [0.00001]
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000097]	-	-	ND [0.00001]
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000097]	-	-	ND [0.00001]

			Location	MW39	MW40	MW40	MW43	MW43	MW43	MW45	MW45
			Sample ID	11FWAMW39-GWS	11FWAMW40-GWS	11FWAMW40-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW45-GWS	11FWAMW45-GWS
			Laboratory Sample ID	27365-1	27365-3	27365-3	27442-2	27442-2	27464-10	27464-5	27464-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/11/2011	7/11/2011	7/11/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000097]	-	-	ND [0.00001]
SW8081	Methoxychlor	0.04	mg/L	ND [0.000097]	-	ND [0.000097]	-	ND [0.000097]	-	-	ND [0.0001]
SW8081	Toxaphene	0.003	mg/L	ND [0.00097]	-	ND [0.00097]	-	ND [0.00097]	-	-	ND [0.001]
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	-	ND [0.00026]
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	-	ND [0.00026]
SW8151A	2,4-D	0.07	mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	-	ND [0.00026]
SW8151A	2,4-DB		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	-	ND [0.00026]
SW8151A	4-Nitrophenol		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	-	ND [0.00026]
SW8151A	Dalapon		mg/L	ND [0.0004]	-	ND [0.00039]	-	ND [0.00041]	-	-	ND [0.00042]
SW8151A	Dicamba		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	-	ND [0.00026]
SW8151A	Dichlorprop		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	-	ND [0.00026]
SW8151A	Dinoseb		mg/L	ND [0.00025]	-	ND [0.00025]	-	ND [0.00026]	-	-	ND [0.00026]
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,1-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E*	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	*ND [0.001] E*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E*	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	*ND [0.001] E*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,3-Dichloropropane		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	2,2-Dichloropropane		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	2-Butanone	22	mg/L	ND [0.01]	-	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]
SW8260	2-Chlorotoluene		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	2-Hexanone		mg/L	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260	4-Chlorotoluene		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]

			Location	MW39	MW40	MW40	MW43	MW43	MW43	MW45	MW45
			Sample ID	11FWAMW39-GWS	11FWAMW40-GWS	11FWAMW40-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW45-GWS	11FWAMW45-GWS
			Laboratory Sample ID	27365-1	27365-3	27365-3	27442-2	27442-2	27464-10	27464-5	27464-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/11/2011	7/11/2011	7/11/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260	Acetone	33	mg/L	ND [0.01]	-	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]
SW8260	Benzene	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Bromobenzene		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Bromochloromethane		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Bromoform	0.11	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Bromomethane	0.051	mg/L	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Chloroethane	0.29	mg/L	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260	Chloroform	0.14	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Chloromethane	0.066	mg/L	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001]	-	ND [0.001]	-	-	0.00074 [0.001] J	-	ND [0.001]
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Dibromomethane		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Methylene chloride	0.005	mg/L	0.00015 [0.003] J, B	-	ND [0.003]	-	-	ND [0.003]	-	ND [0.003]
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Naphthalene	0.73	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	o-Xylene	10	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Styrene	0.1	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Toluene	1	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001]	-	ND [0.001]	-	-	0.00038 [0.001] J	-	ND [0.001]
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Trichloroethene (TCE)	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	-	0.0019 [0.001]	-	ND [0.001]
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.0004]	-	ND [0.0004]	-	-	ND [0.0004]	-	ND [0.0004]
SW8260B	1,1-Dichloroethene	0.007	mg/L	ND [0.0007]	-	ND [0.0007]	-	-	0.00034 [0.0007] J	-	0.00011 [0.0007] J
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001]	-	ND [0.0001]	-	-	ND [0.0001]	-	ND [0.0001]
SW8260B	1,2-Dichloroethane	0.005	mg/L	ND [0.0005]	-	0.00019 [0.0005] J, JS+	-	-	ND [0.0005]	-	ND [0.0005]
SW8260B	Benzene	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]

			Location	MW39	MW40	MW40	MW43	MW43	MW43	MW45	MW45
			Sample ID	11FWAMW39-GWS	11FWAMW40-GWS	11FWAMW40-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW45-GWS	11FWAMW45-GWS
			Laboratory Sample ID	27365-1	27365-3	27365-3	27442-2	27442-2	27464-10	27464-5	27464-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/11/2011	7/11/2011	7/11/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	ND [0.0005]	-	0.000035 [0.0005] J, JS+	-	-	0.0019 [0.0005]	-	ND [0.0005]
SW8260B	Vinyl chloride	0.002	mg/L	ND [0.0002]	-	0.000079 [0.0002] J, JS+	-	-	0.000063 [0.0002] J	-	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.0002] JM-	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.0002] JM-	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.0002] JM-	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.0002] JM-	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.0003]	-	ND [0.00029]	-	ND [0.00031]	-	-	ND [0.0003]
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.00099]	-	ND [0.00098]	-	ND [0.001]	-	-	ND [0.00099]
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0025]	-	ND [0.0025]	-	ND [0.0026]	-	-	ND [0.0025]
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.00003] JM-	-	ND [0.000029]	-	ND [0.000031]	-	-	ND [0.00003]
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.0021]	-	-	ND [0.002]
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.000099] JM-	-	ND [0.000098]	-	ND [0.0001]	-	-	ND [0.000099]
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	2-Nitroaniline		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	2-Nitrophenol		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.00099] R	-	ND [0.00098]	-	ND [0.001] R	-	-	ND [0.00099] R
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.0004]	-	ND [0.00039]	-	ND [0.00041]	-	-	ND [0.0004]
SW8270	3-Nitroaniline		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021] R	-	-	ND [0.0002] R
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	4-Nitroaniline		mg/L	ND [0.0003]	-	ND [0.00029]	-	ND [0.00031]	-	-	ND [0.0003]
SW8270	4-Nitrophenol		mg/L	ND [0.00099]	-	ND [0.00098]	-	ND [0.001]	-	-	ND [0.00099]
SW8270	Acenaphthene	2.2	mg/L	ND [0.00005]	-	ND [0.000049]	-	ND [0.000052]	-	-	ND [0.00005]
SW8270	Acenaphthylene	2.2	mg/L	ND [0.00004]	-	ND [0.000039]	-	ND [0.000041]	-	-	ND [0.00004]
SW8270	Anthracene	11	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.000021]	-	-	ND [0.00002]
SW8270	Azobenzene		mg/L	ND [0.0005]	-	ND [0.00049]	-	ND [0.00052]	-	-	ND [0.0005]
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.00003]	-	ND [0.000029]	-	ND [0.000031]	-	-	ND [0.00003]
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.000021]	-	-	ND [0.00002]
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.00004]	-	ND [0.000039]	-	ND [0.000041]	-	-	ND [0.00004]
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.00003]	-	ND [0.000029]	-	ND [0.000031]	-	-	ND [0.00003]
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.00003]	-	ND [0.000029]	-	ND [0.000031]	-	-	ND [0.00003]
SW8270	Benzoic acid	150	mg/L	0.00068 [0.00099] J, B	-	0.00062 [0.00098] J, B	-	0.00068 [0.001] J, B	-	-	ND [0.00099]
SW8270	Benzyl alcohol		mg/L	ND [0.0002]	-	0.000065 [0.0002] J	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	Benzyl butyl phthalate	7.3	mg/L	ND [0.0003]	-	ND [0.00029]	-	ND [0.00031]	-	-	ND [0.0003]
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.0002] JM-	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	ND [0.0015]	-	ND [0.0015]	-	-	ND [0.0015]
SW8270	Carbazole	0.043	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]

			Location	MW39	MW40	MW40	MW43	MW43	MW43	MW45	MW45
			Sample ID	11FWAMW39-GWS	11FWAMW40-GWS	11FWAMW40-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW45-GWS	11FWAMW45-GWS
			Laboratory Sample ID	27365-1	27365-3	27365-3	27442-2	27442-2	27464-10	27464-5	27464-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/11/2011	7/11/2011	7/11/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.000021]	-	-	ND [0.00002]
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.00003]	-	ND [0.000029]	-	ND [0.000031]	-	-	ND [0.00003]
SW8270	Dibenzofuran	0.073	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	Diethyl phthalate	29	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	Dimethyl phthalate	370	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.000074 [0.0002] J, B	-	ND [0.0002]	-	0.000081 [0.00021] J, B	-	-	ND [0.0002]
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	Fluoranthene	1.5	mg/L	ND [0.000025]	-	ND [0.000025]	-	ND [0.000026]	-	-	ND [0.000025]
SW8270	Fluorene	1.5	mg/L	ND [0.00003]	-	ND [0.000029]	-	ND [0.000031]	-	-	0.00021 [0.00003]
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	ND [0.0003] JM-	-	ND [0.00029]	-	ND [0.00031]	-	-	ND [0.0003]
SW8270	Hexachloroethane	0.04	mg/L	ND [0.0003] JM-	-	ND [0.00029]	-	ND [0.00031]	-	-	ND [0.0003]
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.00003]	-	ND [0.000029]	-	ND [0.000031]	-	-	ND [0.00003]
SW8270	Isophorone	0.9	mg/L	ND [0.0002] JM-	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	Naphthalene	0.73	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	Nitrobenzene	0.018	mg/L	ND [0.0002] JM-	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.00099] E*	-	*ND [0.00098] E*	-	*ND [0.001] E*	-	-	*ND [0.00099] E*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.00021]	-	-	ND [0.0002]
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.0002] JM-	-	ND [0.0002]	-	ND [0.00021] JL-	-	-	ND [0.0002] JL-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00035]	-	ND [0.00034]	-	ND [0.00036]	-	-	ND [0.00035]
SW8270	Phenanthrene	11	mg/L	ND [0.00004]	-	ND [0.000039]	-	ND [0.000041]	-	-	ND [0.00004]
SW8270	Phenol	11	mg/L	ND [0.0003]	-	ND [0.00029]	-	ND [0.00031]	-	-	ND [0.0003]
SW8270	Pyrene	1.1	mg/L	ND [0.00003]	-	ND [0.000029]	-	ND [0.000031]	-	-	ND [0.00003]
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013] JM-	-	ND [0.000013]	-	ND [0.000013]	-	-	0.000087 [0.000013] JS-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	0.00019 [0.000099]
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.0000099] JM-	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.000099]
8270SIM	Anthracene	11	mg/L	ND [0.0000099]	-	0.000003 [0.0000098] J	-	ND [0.00001]	-	-	0.000043 [0.0000099] JS-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.0000099] JS-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	ND [0.00002]	-	ND [0.000021]	-	-	ND [0.00002] JS-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.0000099] JS-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.0000099] JS-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.0000099] JS-
8270SIM	Chrysene	0.12	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.0000099] JS-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.0000099] JS-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.0000099] JS-
8270SIM	Fluorene	1.5	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	0.00024 [0.000099]
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	ND [0.0000099] JS-
8270SIM	Naphthalene	0.73	mg/L	ND [0.0000099] JM-	-	ND [0.0000098]	-	ND [0.00001]	-	-	0.00014 [0.0000099] JS-
8270SIM	Phenanthrene	11	mg/L	ND [0.0000099]	-	0.000003 [0.0000098] J	-	ND [0.00001]	-	-	0.00011 [0.0000099] JS-
8270SIM	Pyrene	1.1	mg/L	ND [0.0000099]	-	ND [0.0000098]	-	ND [0.00001]	-	-	0.0000066 [0.0000099] J, JS-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	ND [0.00098] JH	-	ND [0.00095]	-	-	ND [0.00098] JS-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	ND [0.00039] JH	-	ND [0.00038]	-	-	ND [0.00039] JS-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	ND [0.00039] JH	-	ND [0.00038]	-	-	ND [0.00039] JS-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.00039] JH	-	ND [0.00038]	-	-	ND [0.00039] JS-	-

			Location	MW39	MW40	MW40	MW43	MW43	MW43	MW45	MW45
			Sample ID	11FWAMW39-GWS	11FWAMW40-GWS	11FWAMW40-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW43-GWS	11FWAMW45-GWS	11FWAMW45-GWS
			Laboratory Sample ID	27365-1	27365-3	27365-3	27442-2	27442-2	27464-10	27464-5	27464-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/11/2011	7/11/2011	7/11/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011	7/14/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002] JH	-	ND [0.00019]	-	-	ND [0.0002] JS-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002] JH	-	ND [0.00019]	-	-	ND [0.0002] JS-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002] JH	-	ND [0.00019]	-	-	ND [0.0002] JS-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	ND [0.0002] JH	-	ND [0.00019]	-	-	ND [0.0002] JS-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	ND [0.0002] JH	-	ND [0.00019]	-	-	ND [0.0002] JS-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	ND [0.00039] JH	-	ND [0.00038]	-	-	ND [0.00039] JS-	-
SW8330	Nitrobenzene	0.018	mg/L	-	ND [0.00039] JH	-	ND [0.00038]	-	-	ND [0.00039] JS-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	ND [0.00039] JH	-	ND [0.00038]	-	-	ND [0.00039] JS-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.00039] JH	-	ND [0.00038]	-	-	ND [0.00039] JS-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	ND [0.00098] JH	-	ND [0.00095]	-	-	ND [0.00098] JS-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	MW47	MW47	MW47	MW48	MW48	MW53	MW53	MW56
			Sample ID	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW48-GWS	11FWAMW48-GWS	11FWAMW53-GWS	11FWAMW53-GWS	11FWAMW56-GWS
			Laboratory Sample ID	27365-8	27365-8	27395-3	27395-5	27395-5	27395-7	27395-7	27574-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/13/2011	7/13/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	0.015 [0.05] R	-	0.015 [0.05] J, B	-	0.016 [0.05] J, B	ND [0.05] SJ-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.096 [0.11] R	-	-	0.078 [0.095] J	-	0.06 [0.1] J	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.18 [0.11] R	-	-	0.18 [0.095]	-	0.13 [0.1]	-
SW6010B	Aluminum		mg/L	-	ND [1] R	-	-	ND [1]	-	ND [1]	-
SW6010B	Boron		mg/L	-	ND [2.5] R	-	-	ND [2.5]	-	ND [2.5]	-
SW6010B	Calcium		mg/L	-	63 [1.1] R	-	-	74 [1.1]	-	84 [1.1]	-
SW6010B	Iron		mg/L	-	ND [0.2] R	-	-	0.47 [0.2]	-	0.6 [0.2]	-
SW6010B	Magnesium		mg/L	-	17 [1.1] R	-	-	18 [1.1]	-	20 [1.1]	-
SW6010B	Potassium		mg/L	-	5 [3.3] R	-	-	5.2 [3.3]	-	4.1 [3.3]	-
SW6010B	Sodium		mg/L	-	8.8 [2] R	-	-	12 [2]	-	3.9 [2]	-
SW6020	Antimony	0.006	mg/L	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Arsenic	0.01	mg/L	-	ND [0.005] R	-	-	ND [0.005]	-	ND [0.005]	-
SW6020	Barium	2	mg/L	-	0.11 [0.006] R	-	-	0.18 [0.006]	-	0.13 [0.006]	-
SW6020	Beryllium	0.004	mg/L	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Cadmium	0.005	mg/L	-	ND [0.002] R	-	-	ND [0.002]	-	0.0003 [0.002] J	-
SW6020	Chromium	0.1	mg/L	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Cobalt		mg/L	-	0.00041 [0.002] R	-	-	0.00048 [0.002] J	-	0.0011 [0.002] J	-
SW6020	Copper	1	mg/L	-	0.0027 [0.005] R	-	-	0.0029 [0.005] J	-	0.0027 [0.005] J	-
SW6020	Lead	0.015	mg/L	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Manganese		mg/L	-	0.33 [0.002] R	-	-	0.12 [0.002]	-	0.82 [0.002]	-
SW6020	Nickel	0.1	mg/L	-	0.0022 [0.015] R	-	-	ND [0.015]	-	0.0046 [0.015] J	-
SW6020	Selenium	0.05	mg/L	-	ND [0.005] R	-	-	ND [0.005]	-	ND [0.005]	-
SW6020	Silver	0.1	mg/L	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Thallium	0.002	mg/L	-	ND [0.005] R	-	-	ND [0.005]	-	ND [0.005]	-
SW6020	Vanadium	0.26	mg/L	-	ND [0.01] R	-	-	ND [0.01]	-	ND [0.01]	-
SW6020	Zinc	5	mg/L	-	0.0038 [0.007] R	-	-	0.0075 [0.007]	-	0.013 [0.007]	-
SW7470A	Mercury	0.002	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8081	4,4'-DDD		mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	4,4'-DDT	0.0025	mg/L	-	0.0000071 [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Aldrin	0.00005	mg/L	-	ND [0.0000097] R	-	-	ND [0.0000098]	-	ND [0.0000099]	-
SW8081	alpha-BHC	0.00014	mg/L	-	ND [0.0000097] R	-	-	ND [0.0000098]	-	ND [0.0000099]	-
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.0000097] R	-	-	ND [0.0000098]	-	ND [0.0000099]	-
SW8081	beta-BHC	0.00047	mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	delta-BHC		mg/L	-	ND [0.0000097] R	-	-	ND [0.0000098]	-	ND [0.0000099]	-
SW8081	Dieldrin	0.000053	mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endosulfan I		mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endosulfan II		mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endosulfan sulfate		mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endrin	0.002	mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	Endrin aldehyde		mg/L	-	ND [0.000049] R	-	-	ND [0.000049]	-	ND [0.00005]	-
SW8081	Endrin ketone		mg/L	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	ND [0.0000097] R	-	-	ND [0.0000098]	-	ND [0.0000099]	-
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.0000097] R	-	-	ND [0.0000098]	-	ND [0.0000099]	-
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.0000097] R	-	-	ND [0.0000098]	-	ND [0.0000099]	-

			Location	MW47	MW47	MW47	MW48	MW48	MW53	MW53	MW56
			Sample ID	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW48-GWS	11FWAMW48-GWS	11FWAMW53-GWS	11FWAMW53-GWS	11FWAMW56-GWS
			Laboratory Sample ID	27365-8	27365-8	27395-3	27395-5	27395-5	27395-7	27395-7	27574-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/13/2011	7/13/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.0000097] R	-	-	ND [0.0000098]	-	ND [0.0000099]	-
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.000097] R	-	-	ND [0.000098]	-	ND [0.000099]	-
SW8081	Toxaphene	0.003	mg/L	-	ND [0.00097] R	-	-	ND [0.00098]	-	ND [0.00099]	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00025] R	-	-	ND [0.00025]	-	ND [0.00027]	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00025] R	-	-	ND [0.00025]	-	ND [0.00027]	-
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00025] R	-	-	ND [0.00025]	-	ND [0.00027]	-
SW8151A	2,4-DB		mg/L	-	ND [0.00025] R	-	-	ND [0.00025]	-	ND [0.00027]	-
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00025] R	-	-	ND [0.00025]	-	ND [0.00027]	-
SW8151A	Dalapon		mg/L	-	ND [0.00039] R	-	-	ND [0.00039]	-	ND [0.00044]	-
SW8151A	Dicamba		mg/L	-	ND [0.00025] R	-	-	ND [0.00025]	-	ND [0.00027]	-
SW8151A	Dichlorprop		mg/L	-	ND [0.00025] R	-	-	ND [0.00025]	-	ND [0.00027]	-
SW8151A	Dinoseb		mg/L	-	ND [0.00025] R	-	-	ND [0.00025]	-	ND [0.00027]	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1-Dichloropropene		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.001] R	-	*ND [0.001] E*	-	*ND [0.001] E*	*ND [0.001] E, SJ-*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	-	ND [0.002] R	-	ND [0.002]	-	ND [0.002]	ND [0.002] SJ-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	-	ND [0.001] R	-	*ND [0.001] E*	-	*ND [0.001] E*	*ND [0.001] E, SJ-*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,3-Dichloropropane		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	2,2-Dichloropropane		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	2-Butanone	22	mg/L	-	-	ND [0.01] R	-	ND [0.01]	-	ND [0.01]	ND [0.01] SJ-
SW8260	2-Chlorotoluene		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	2-Hexanone		mg/L	-	-	ND [0.005] R	-	ND [0.005]	-	ND [0.005]	ND [0.005] SJ-
SW8260	4-Chlorotoluene		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-

			Location	MW47	MW47	MW47	MW48	MW48	MW53	MW53	MW56
			Sample ID	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW48-GWS	11FWAMW48-GWS	11FWAMW53-GWS	11FWAMW53-GWS	11FWAMW56-GWS
			Laboratory Sample ID	27365-8	27365-8	27395-3	27395-5	27395-5	27395-7	27395-7	27574-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/13/2011	7/13/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	-	ND [0.005] R	-	ND [0.005]	-	ND [0.005]	ND [0.005] SJ-
SW8260	Acetone	33	mg/L	-	-	ND [0.01] R	-	ND [0.01]	-	ND [0.01]	ND [0.01] SJ-
SW8260	Benzene	0.005	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromobenzene		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromochloromethane		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromodichloromethane	0.014	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromoform	0.11	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromomethane	0.051	mg/L	-	-	ND [0.005] R	-	ND [0.005]	-	ND [0.005]	ND [0.005] SJ-
SW8260	Carbon disulfide	3.7	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Chlorobenzene	0.1	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Chloroethane	0.29	mg/L	-	-	ND [0.005] R	-	ND [0.005]	-	ND [0.005]	ND [0.005] SJ-
SW8260	Chloroform	0.14	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Chloromethane	0.066	mg/L	-	-	ND [0.005] R	-	ND [0.005]	-	ND [0.005]	ND [0.005] SJ-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	cis-1,3-Dichloropropene		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Dibromochloromethane	0.01	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Dibromomethane		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Ethylbenzene	0.7	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Isopropylbenzene	3.7	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Methylene chloride	0.005	mg/L	-	-	ND [0.003] R	-	0.00015 [0.003] J	-	ND [0.003]	ND [0.003] SJ-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Naphthalene	0.73	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	n-Butylbenzene	0.37	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	n-Propylbenzene	0.37	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	o-Xylene	10	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	sec-Butylbenzene	0.37	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Styrene	0.1	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	tert-Butylbenzene	0.37	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Toluene	1	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	trans-1,3-Dichloropropene		mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	0.00058 [0.001] J, SJ-
SW8260	Trichlorofluoromethane	11	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Vinyl chloride	0.002	mg/L	-	-	ND [0.001] R	-	ND [0.001]	-	ND [0.001]	ND [0.001] SJ-
SW8260	Xylene, Isomers m & p	10	mg/L	-	-	ND [0.002] R	-	ND [0.002]	-	ND [0.002]	ND [0.002] SJ-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.0004] R	-	ND [0.0004]	-	ND [0.0004]	ND [0.0004] SJ-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	-	0.000067 [0.0007] R	-	0.00016 [0.0007] J	-	0.00027 [0.0007] J	0.0032 [0.0007] SJ-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002] R	-	ND [0.0002]	-	ND [0.0002]	ND [0.0002] SJ-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	-	ND [0.0001] R	-	ND [0.0001]	-	ND [0.0001]	ND [0.0001] SJ-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	-	ND [0.0005] R	-	ND [0.0005]	-	ND [0.0005]	0.000048 [0.0005] J, SJ-
SW8260B	Benzene	0.005	mg/L	-	-	ND [0.0005] R	-	ND [0.0005]	-	ND [0.0005]	ND [0.0005] SJ-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.0005] R	-	ND [0.0005]	-	ND [0.0005]	ND [0.0005] SJ-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	-	ND [0.0005] R	-	ND [0.0005]	-	ND [0.0005]	0.000048 [0.0005] J, B, SJ-

			Location	MW47	MW47	MW47	MW48	MW48	MW53	MW53	MW56
			Sample ID	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW48-GWS	11FWAMW48-GWS	11FWAMW53-GWS	11FWAMW53-GWS	11FWAMW56-GWS
			Laboratory Sample ID	27365-8	27365-8	27395-3	27395-5	27395-5	27395-7	27395-7	27574-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/13/2011	7/13/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	-	ND [0.0005] R	-	ND [0.0005]	-	0.000093 [0.0005] J	0.00055 [0.0005] SJ-
SW8260B	Vinyl chloride	0.002	mg/L	-	-	ND [0.0002] R	-	ND [0.0002]	-	0.000031 [0.0002] J	0.00025 [0.0002] SJ-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.00029] R	-	-	ND [0.0003]	-	ND [0.00031]	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.00098] R	-	-	ND [0.00099]	-	ND [0.001]	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.0025] R	-	-	ND [0.0025]	-	ND [0.0026]	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.000029] R	-	-	ND [0.00003]	-	ND [0.000031]	-
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.000098] R	-	-	ND [0.000099]	-	ND [0.0001]	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Nitroaniline		mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Nitrophenol		mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.00098] R	-	-	ND [0.00099] R	-	ND [0.001] R	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.00039] R	-	-	ND [0.0004]	-	ND [0.00041]	-
SW8270	3-Nitroaniline		mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.0002] R	-	-	ND [0.0002] R	-	ND [0.0002] R	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Nitroaniline		mg/L	-	ND [0.00029] R	-	-	ND [0.0003]	-	ND [0.00031]	-
SW8270	4-Nitrophenol		mg/L	-	ND [0.00098] R	-	-	ND [0.00099]	-	ND [0.001]	-
SW8270	Acenaphthene	2.2	mg/L	-	ND [0.000049] R	-	-	ND [0.00005]	-	ND [0.000051]	-
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.000039] R	-	-	ND [0.00004]	-	ND [0.000041]	-
SW8270	Anthracene	11	mg/L	-	ND [0.00002] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Azobenzene		mg/L	-	ND [0.00049] R	-	-	ND [0.0005]	-	ND [0.00051]	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.000029] R	-	-	ND [0.00003]	-	ND [0.000031]	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.000039] R	-	-	ND [0.00004]	-	ND [0.000041]	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.000029] R	-	-	ND [0.00003]	-	ND [0.000031]	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.000029] R	-	-	ND [0.00003]	-	ND [0.000031]	-
SW8270	Benzoic acid	150	mg/L	-	0.00062 [0.00098] R	-	-	0.001 [0.00099] B	-	0.00073 [0.001] J, B	-
SW8270	Benzyl alcohol		mg/L	-	0.000066 [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	ND [0.00029] R	-	-	0.0001 [0.0003] J	-	ND [0.00031]	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015] R	-	-	ND [0.0015]	-	ND [0.0015]	-
SW8270	Carbazole	0.043	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-

			Location	MW47	MW47	MW47	MW48	MW48	MW53	MW53	MW56
			Sample ID	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW48-GWS	11FWAMW48-GWS	11FWAMW53-GWS	11FWAMW53-GWS	11FWAMW56-GWS
			Laboratory Sample ID	27365-8	27365-8	27395-3	27395-5	27395-5	27395-7	27395-7	27574-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/13/2011	7/13/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	-	ND [0.00002] R	-	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.000029] R	-	-	ND [0.00003]	-	ND [0.000031]	-
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Diethyl phthalate	29	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	0.00011 [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.000025] R	-	-	ND [0.000025]	-	ND [0.000026]	-
SW8270	Fluorene	1.5	mg/L	-	ND [0.000029] R	-	-	ND [0.00003]	-	ND [0.000031]	-
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	-	ND [0.00029] R	-	-	ND [0.0003]	-	ND [0.00031]	-
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.00029] R	-	-	ND [0.0003]	-	ND [0.00031]	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.000029] R	-	-	ND [0.00003]	-	ND [0.000031]	-
SW8270	Isophorone	0.9	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Naphthalene	0.73	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	ND [0.00098] R	-	-	*ND [0.00099] E*	-	*ND [0.001] E*	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.0002] R	-	-	ND [0.0002] JL-	-	ND [0.0002] JL-	-
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.00034] R	-	-	ND [0.00035]	-	ND [0.00036]	-
SW8270	Phenanthrene	11	mg/L	-	ND [0.000039] R	-	-	ND [0.00004]	-	ND [0.000041]	-
SW8270	Phenol	11	mg/L	-	ND [0.00029] R	-	-	ND [0.0003]	-	ND [0.00031]	-
SW8270	Pyrene	1.1	mg/L	-	ND [0.000029] R	-	-	ND [0.00003]	-	ND [0.000031]	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	ND [0.000013] R	-	-	ND [0.000013]	-	ND [0.000013]	-
8270SIM	Acenaphthene	2.2	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Anthracene	11	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002] R	-	-	ND [0.00002]	-	ND [0.00002]	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Chrysene	0.12	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Fluoranthene	1.5	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Fluorene	1.5	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Naphthalene	0.73	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Phenanthrene	11	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
8270SIM	Pyrene	1.1	mg/L	-	ND [0.0000098] R	-	-	ND [0.0000099]	-	ND [0.00001]	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	ND [0.00099] R	-	-	ND [0.00098]	-	ND [0.00099] JS-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	ND [0.0004] R	-	-	ND [0.00039]	-	ND [0.00039] JS-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	ND [0.0004] R	-	-	ND [0.00039]	-	ND [0.00039] JS-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0004] R	-	-	ND [0.00039]	-	ND [0.00039] JS-	-	-

			Location	MW47	MW47	MW47	MW48	MW48	MW53	MW53	MW56
			Sample ID	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW48-GWS	11FWAMW48-GWS	11FWAMW53-GWS	11FWAMW53-GWS	11FWAMW56-GWS
			Laboratory Sample ID	27365-8	27365-8	27395-3	27395-5	27395-5	27395-7	27395-7	27574-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/12/2012	7/13/2011	7/13/2011	7/20/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002] JS-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002] JS-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002] JS-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002] JS-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002] JS-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	ND [0.0004] R	-	-	ND [0.00039]	-	ND [0.00039] JL-, JS-	-	-
SW8330	Nitrobenzene	0.018	mg/L	ND [0.0004] R	-	-	ND [0.00039]	-	ND [0.00039] JS-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	ND [0.0004] R	-	-	ND [0.00039]	-	ND [0.00039] JS-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.0004] R	-	-	ND [0.00039]	-	ND [0.00039] JL-, JS-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	ND [0.00099] R	-	-	ND [0.00098]	-	ND [0.00099] JL-, JS-	-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	MW57	MW57	MW57	MW58	MW58	MW61	MW62	MW62
			Sample ID	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW58-GWS	11FWAMW58-GWS	11FWAMW61-GWS	11FWA-TAKU-MW62	11FWA-TAKU-MW62D
			Laboratory Sample ID	27365-9	27365-9	27395-4	27464-3	27464-3	27574-4	26986-1	26986-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/12/2011	7/16/2011	7/16/2011	7/20/2001	6/21/2011	6/21/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplciate
Method	Analyte	ADEC Cleanup Level[1]	Units								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	ND [0.05]	-	-	ND [0.05]	ND [0.05]	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.057 [0.1] J	-	-	**2.2 [0.096] SJ-**	-	0.22 [0.097]	0.23 [0.098]
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.12 [0.1]	-	-	0.52 [0.096] SJ-	-	0.24 [0.097] B	0.25 [0.098] B
SW6010B	Aluminum		mg/L	-	ND [1]	-	-	ND [1] SJ-	-	-	-
SW6010B	Boron		mg/L	-	ND [2.5]	-	-	ND [2.5] SJ-	-	-	-
SW6010B	Calcium		mg/L	-	75 [1.1]	-	-	78 [1.1] SJ-	-	-	-
SW6010B	Iron		mg/L	-	1.7 [0.2]	-	-	11 [0.2] SJ-	-	-	-
SW6010B	Magnesium		mg/L	-	19 [1.1]	-	-	17 [1.1] SJ-	-	-	-
SW6010B	Potassium		mg/L	-	4.2 [3.3]	-	-	4.7 [3.3] SJ-	-	-	-
SW6010B	Sodium		mg/L	-	3.2 [2]	-	-	5.1 [2] SJ-	-	-	-
SW6020	Antimony	0.006	mg/L	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-
SW6020	Arsenic	0.01	mg/L	-	ND [0.005]	-	-	0.0088 [0.005] SJ-	-	-	-
SW6020	Barium	2	mg/L	-	0.05 [0.006]	-	-	0.22 [0.006] SJ-	-	-	-
SW6020	Beryllium	0.004	mg/L	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-
SW6020	Cadmium	0.005	mg/L	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-
SW6020	Chromium	0.1	mg/L	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-
SW6020	Cobalt		mg/L	-	0.001 [0.002] J	-	-	0.00095 [0.002] J, SJ-	-	-	-
SW6020	Copper	1	mg/L	-	0.0025 [0.005] J	-	-	0.00076 [0.005] J, SJ-	-	-	-
SW6020	Lead	0.015	mg/L	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-
SW6020	Manganese		mg/L	-	0.39 [0.002]	-	-	0.95 [0.002] SJ-	-	-	-
SW6020	Nickel	0.1	mg/L	-	0.0037 [0.015] J	-	-	ND [0.015] SJ-	-	-	-
SW6020	Selenium	0.05	mg/L	-	ND [0.005]	-	-	ND [0.005] SJ-	-	-	-
SW6020	Silver	0.1	mg/L	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-
SW6020	Thallium	0.002	mg/L	-	ND [0.005]	-	-	ND [0.005] SJ-	-	-	-
SW6020	Vanadium	0.26	mg/L	-	ND [0.01]	-	-	ND [0.01] SJ-	-	-	-
SW6020	Zinc	5	mg/L	-	0.0053 [0.007] J	-	-	0.0047 [0.007] J, SJ-	-	-	-
SW7470A	Mercury	0.002	mg/L	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-
SW8081	4,4'-DDD		mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	4,4'-DDT	0.0025	mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	Aldrin	0.00005	mg/L	-	ND [0.00001]	-	-	ND [0.0000098] SJ-	-	ND [0.00001]	ND [0.00001]
SW8081	alpha-BHC	0.00014	mg/L	-	ND [0.00001]	-	-	ND [0.0000098] SJ-	-	ND [0.00001]	ND [0.00001]
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.00001]	-	-	ND [0.0000098] SJ-	-	ND [0.00001]	ND [0.00001]
SW8081	beta-BHC	0.00047	mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	delta-BHC		mg/L	-	ND [0.00001]	-	-	ND [0.0000098] SJ-	-	ND [0.00001]	ND [0.00001]
SW8081	Dieldrin	0.000053	mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	Endosulfan I		mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	Endosulfan II		mg/L	-	ND [0.00002]	-	-	0.000013 [0.00002] J, SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	Endosulfan sulfate		mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	Endrin	0.002	mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	Endrin aldehyde		mg/L	-	ND [0.00005]	-	-	ND [0.000049] SJ-	-	ND [0.000051]	ND [0.00005]
SW8081	Endrin ketone		mg/L	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	ND [0.00002]	ND [0.00002]
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	ND [0.00001]	-	-	ND [0.0000098] SJ-	-	ND [0.00001]	ND [0.00001]
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.00001]	-	-	ND [0.0000098] SJ-	-	ND [0.00001]	ND [0.00001]
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.00001]	-	-	ND [0.0000098] SJ-	-	ND [0.00001]	ND [0.00001]

			Location	MW57	MW57	MW57	MW58	MW58	MW61	MW62	MW62
			Sample ID	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW58-GWS	11FWAMW58-GWS	11FWAMW61-GWS	11FWA-TAKU-MW62	11FWA-TAKU-MW62D
			Laboratory Sample ID	27365-9	27365-9	27395-4	27464-3	27464-3	27574-4	26986-1	26986-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/12/2011	7/16/2011	7/16/2011	7/20/2001	6/21/2011	6/21/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplciate
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.00001]	-	-	ND [0.0000098] SJ-	-	ND [0.00001]	ND [0.00001]
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.0001]	-	-	ND [0.000098] SJ-	-	ND [0.0001]	ND [0.0001]
SW8081	Toxaphene	0.003	mg/L	-	ND [0.001]	-	-	ND [0.00098] SJ-	-	ND [0.001]	ND [0.001]
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	ND [0.00026]	ND [0.00025]
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	ND [0.00026]	ND [0.00025]
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	ND [0.00026]	ND [0.00025]
SW8151A	2,4-DB		mg/L	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	ND [0.00026]	ND [0.00025]
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	ND [0.00026]	ND [0.00025]
SW8151A	Dalapon		mg/L	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	ND [0.00041]	ND [0.0004]
SW8151A	Dicamba		mg/L	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	ND [0.00026]	ND [0.00025]
SW8151A	Dichlorprop		mg/L	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	ND [0.00026]	ND [0.00025]
SW8151A	Dinoseb		mg/L	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	ND [0.00026]	ND [0.00025]
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	ND [0.00026]	ND [0.00025]
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	ND [0.00026]	ND [0.00025]
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	ND [0.00026]	ND [0.00025]
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.001]	-	-	0.00071 [0.001] J	ND [0.001]	ND [0.001]
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloroethane	7.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloroethene	0.007	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	-	ND [0.002]	-	-	ND [0.002]	ND [0.001]	ND [0.001]
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dichloroethane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dichloropropane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3-Dichloropropane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	2,2-Dichloropropane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	2-Butanone	22	mg/L	-	-	ND [0.01]	-	-	ND [0.01]	ND [0.001] JM-	ND [0.001]
SW8260	2-Chlorotoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.01]	ND [0.01]
SW8260	2-Hexanone		mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.001]	ND [0.001]
SW8260	4-Chlorotoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.005]	ND [0.005]

			Location	MW57	MW57	MW57	MW58	MW58	MW61	MW62	MW62
			Sample ID	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW58-GWS	11FWAMW58-GWS	11FWAMW61-GWS	11FWA-TAKU-MW62	11FWA-TAKU-MW62D
			Laboratory Sample ID	27365-9	27365-9	27395-4	27464-3	27464-3	27574-4	26986-1	26986-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/12/2011	7/16/2011	7/16/2011	7/20/2001	6/21/2011	6/21/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplciate
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Acetone	33	mg/L	-	-	ND [0.01]	-	-	ND [0.01]	ND [0.01]	ND [0.01]
SW8260	Benzene	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromobenzene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromochloromethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromodichloromethane	0.014	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromoform	0.11	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromomethane	0.051	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Carbon disulfide	3.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chlorobenzene	0.1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chloroethane	0.29	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Chloroform	0.14	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chloromethane	0.066	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	-	ND [0.001]	-	-	0.0067 [0.001]	0.00042 [0.001] J	0.00038 [0.001] J
SW8260	cis-1,3-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dibromochloromethane	0.01	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dibromomethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Ethylbenzene	0.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Isopropylbenzene	3.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Methylene chloride	0.005	mg/L	-	-	ND [0.003]	-	-	ND [0.003]	ND [0.003]	ND [0.003]
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Naphthalene	0.73	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	n-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	n-Propylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	o-Xylene	10	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	sec-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Styrene	0.1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	tert-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Toluene	1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	0.00015 [0.001] J	ND [0.001]
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	-	ND [0.001]	-	-	0.0079 [0.001]	ND [0.001]	ND [0.001]
SW8260	trans-1,3-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	-	ND [0.001]	-	-	0.0033 [0.001]	0.00072 [0.001] J	0.00076 [0.001] J
SW8260	Trichlorofluoromethane	11	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Vinyl chloride	0.002	mg/L	-	-	ND [0.001]	-	-	0.00022 [0.001] J	ND [0.001]	ND [0.001]
SW8260	Xylene, Isomers m & p	10	mg/L	-	-	ND [0.002]	-	-	ND [0.002]	ND [0.002]	ND [0.002]
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.0004]	-	-	0.00035 [0.0004] J	-	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	-	ND [0.0007]	-	-	0.0013 [0.0007]	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	-	0.000073 [0.0005] J	-	-	0.000066 [0.0005] J	-	-
SW8260B	Benzene	0.005	mg/L	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	-	ND [0.0005]	-	-	0.000046 [0.0005] J, B	-	-

			Location	MW57	MW57	MW57	MW58	MW58	MW61	MW62	MW62
			Sample ID	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW58-GWS	11FWAMW58-GWS	11FWAMW61-GWS	11FWA-TAKU-MW62	11FWA-TAKU-MW62D
			Laboratory Sample ID	27365-9	27365-9	27395-4	27464-3	27464-3	27574-4	26986-1	26986-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/12/2011	7/16/2011	7/16/2011	7/20/2001	6/21/2011	6/21/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplciate
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	-	0.000033 [0.0005] J	-	-	0.0031 [0.0005]	-	-
SW8260B	Vinyl chloride	0.002	mg/L	-	-	ND [0.0002]	-	-	0.00029 [0.0002]	-	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	ND [0.00029]	ND [0.00029]
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.0029]	ND [0.0029]
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.00098]	-	-	ND [0.00097] SJ-	-	ND [0.0097]	ND [0.0097]
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.0025]	-	-	ND [0.0024] SJ-	-	ND [0.024]	ND [0.024]
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.00029]	ND [0.00029]
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.002]	-	-	ND [0.0019] SJ-	-	ND [0.019]	ND [0.019]
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.000098]	-	-	ND [0.000097] SJ-	-	ND [0.00097]	ND [0.00097]
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	2-Nitroaniline		mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	2-Nitrophenol		mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.00098]	-	-	ND [0.00097] R	-	ND [0.0097]	ND [0.0097]
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	-
SW8270	3-Nitroaniline		mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.0002]	-	-	ND [0.00019] R	-	ND [0.0019]	ND [0.0019]
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	4-Nitroaniline		mg/L	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.0029]	ND [0.0029]
SW8270	4-Nitrophenol		mg/L	-	ND [0.00098]	-	-	ND [0.00097] SJ-	-	ND [0.0097]	ND [0.0097]
SW8270	Acenaphthene	2.2	mg/L	-	ND [0.000049]	-	-	ND [0.000049] SJ-	-	ND [0.00049]	ND [0.00049]
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.000039]	-	-	ND [0.000039] SJ-	-	ND [0.00039]	ND [0.00039]
SW8270	Anthracene	11	mg/L	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	ND [0.00019]	ND [0.00019]
SW8270	Azobenzene		mg/L	-	ND [0.00049]	-	-	ND [0.00049] SJ-	-	ND [0.0049]	ND [0.0049]
SW8270	Benzidine		mg/L	-	-	-	-	-	-	ND [0.015] R	ND [0.015]
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.00029]	ND [0.00029]
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	ND [0.00019]	ND [0.00019]
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.000039]	-	-	ND [0.000039] SJ-	-	ND [0.00039]	ND [0.00039]
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.00029]	ND [0.00029]
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.00029]	ND [0.00029]
SW8270	Benzoic acid	150	mg/L	-	0.00062 [0.00098] J, B	-	-	ND [0.00097] SJ-	-	ND [0.0097]	ND [0.0097]
SW8270	Benzyl alcohol		mg/L	-	0.000049 [0.0002] J	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.0029]	ND [0.0029]
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	*ND [0.0019] E*	*ND [0.0019] E*
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	0.001 [0.0015] J	-	-	0.00098 [0.0015] J, SJ-	-	*ND [0.015] E*	*ND [0.015] E*
SW8270	Carbazole	0.043	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]

			Location	MW57	MW57	MW57	MW58	MW58	MW61	MW62	MW62
			Sample ID	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW58-GWS	11FWAMW58-GWS	11FWAMW61-GWS	11FWA-TAKU-MW62	11FWA-TAKU-MW62D
			Laboratory Sample ID	27365-9	27365-9	27395-4	27464-3	27464-3	27574-4	26986-1	26986-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/12/2011	7/16/2011	7/16/2011	7/20/2001	6/21/2011	6/21/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplciate
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	ND [0.00019]	ND [0.00019]
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	*ND [0.00029] E*	*ND [0.00029] E*
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Diethyl phthalate	29	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	0.00011 [0.0002] J, B	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.000025]	-	-	ND [0.000024] SJ-	-	ND [0.00024]	ND [0.00024]
SW8270	Fluorene	1.5	mg/L	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.00029]	ND [0.00029]
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	ND [0.0029]	ND [0.0029]
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.0097] JL-	ND [0.0097] JL-
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.0029]	ND [0.0029]
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.00029]	ND [0.00029]
SW8270	Isophorone	0.9	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Naphthalene	0.73	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	*ND [0.00098] E*	-	-	*ND [0.00097] E, SJ-*	-	*ND [0.0097] E*	*ND [0.0097] E*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	*ND [0.0019] E*	*ND [0.0019] E*
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.0002]	-	-	ND [0.00019] JL-, SJ-	-	ND [0.0019]	ND [0.0019]
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.00034]	-	-	ND [0.00034] SJ-	-	ND [0.0034]	ND [0.0034]
SW8270	Phenanthrene	11	mg/L	-	ND [0.000039]	-	-	ND [0.000039] SJ-	-	ND [0.00039]	ND [0.00039]
SW8270	Phenol	11	mg/L	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.0029]	ND [0.0029]
SW8270	Pyrene	1.1	mg/L	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.00029]	ND [0.00029]
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	ND [0.000097]	ND [0.000097]
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	ND [0.000013]	-	-	0.0001 [0.000013] JS-, SJ-	-	ND [0.00013]	ND [0.00013]
8270SIM	Acenaphthene	2.2	mg/L	-	ND [0.0000098]	-	-	0.000055 [0.000097] J, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.0000098]	-	-	ND [0.000097] SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Anthracene	11	mg/L	-	ND [0.0000098]	-	-	0.000027 [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.0000098]	-	-	ND [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002]	-	-	ND [0.000019] JS-, SJ-	-	ND [0.00019]	ND [0.00019]
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.0000098]	-	-	ND [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.0000098]	-	-	ND [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.0000098]	-	-	ND [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Chrysene	0.12	mg/L	-	ND [0.0000098]	-	-	ND [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.0000098]	-	-	ND [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Fluoranthene	1.5	mg/L	-	ND [0.0000098]	-	-	ND [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Fluorene	1.5	mg/L	-	ND [0.0000098]	-	-	0.000035 [0.000097] J, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.0000098]	-	-	ND [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Naphthalene	0.73	mg/L	-	ND [0.0000098]	-	-	0.000038 [0.0000097] JS-, SJ-	-	ND [0.000097]	ND [0.000097]
8270SIM	Phenanthrene	11	mg/L	-	ND [0.0000098]	-	-	0.0001 [0.0000097] JS-, JS-	-	ND [0.000097]	ND [0.000097]
8270SIM	Pyrene	1.1	mg/L	-	ND [0.0000098]	-	-	0.0000085 [0.0000097] J, JS-, SJ-	-	ND [0.000097]	ND [0.000097]
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	ND [0.001] JH, JS-	-	-	ND [0.001] SJ-	-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	ND [0.0004] JH, JS-	-	-	ND [0.0004] SJ-	-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	ND [0.0004] JH, JS-	-	-	ND [0.0004] SJ-	-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0004] JH, JS-	-	-	ND [0.0004] SJ-	-	-	-	-

			Location	MW57	MW57	MW57	MW58	MW58	MW61	MW62	MW62
			Sample ID	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW57-GWS	11FWAMW58-GWS	11FWAMW58-GWS	11FWAMW61-GWS	11FWA-TAKU-MW62	11FWA-TAKU-MW62D
			Laboratory Sample ID	27365-9	27365-9	27395-4	27464-3	27464-3	27574-4	26986-1	26986-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/12/2011	7/12/2011	7/12/2011	7/16/2011	7/16/2011	7/20/2001	6/21/2011	6/21/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplciate
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] JH, JS-	-	-	ND [0.0002] SJ-	-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	ND [0.0002] JH, JS-	-	-	ND [0.0002] SJ-	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	ND [0.0002] JH, JS-	-	-	ND [0.0002] SJ-	-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	ND [0.0002] JH, JS-	-	-	ND [0.0002] SJ-	-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	ND [0.0002] JH, JS-	-	-	0.0002 [0.0002] J, SJ-	-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	ND [0.0004] JH, JS-	-	-	ND [0.0004] SJ-	-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	ND [0.0004] JH, JS-	-	-	0.00094 [0.0004] SJ-	-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	ND [0.0004] JH, JS-	-	-	ND [0.0004] SJ-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.0004] JH, JS-	-	-	ND [0.0004] SJ-	-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	ND [0.001] JH, JS-	-	-	ND [0.001] SJ-	-	-	-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	MW64	MW64	MW64	MW64	MW69	MW69	MW70	MW70
			Sample ID	11FWAMW64-GWBS	11FWAMW64-GWBS	11FWAMW64-GWS	11FWAMW64-GWS	11FWAMW69-GWS	11FWAMW69-GWS	11FWAMW70-GWS	11FWAMW70-GWS
			Laboratory Sample ID	27464-16	27464-16	27464-4	27464-4	27395-6	27395-6	27395-8	27395-8
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/15/2011	7/15/2011	7/15/2011	7/15/2011	7/12/2011	7/12/2011	7/13/2011	7/13/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	ND [0.05]	-	ND [0.05]	-	ND [0.05]	-	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.14 [0.1]	-	0.14 [0.096]	-	0.046 [0.1] J	-	0.058 [0.095] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.19 [0.1]	-	0.18 [0.096]	-	0.093 [0.1] J	-	0.12 [0.095]
SW6010B	Aluminum		mg/L	-	ND [1]	-	ND [1]	-	ND [1]	-	ND [1]
SW6010B	Boron		mg/L	-	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-	0.13 [2.5] J
SW6010B	Calcium		mg/L	-	75 [1.1]	-	75 [1.1]	-	53 [1.1]	-	81 [1.1]
SW6010B	Iron		mg/L	-	8.8 [0.2]	-	8.7 [0.2]	-	4 [0.2]	-	1.2 [0.2]
SW6010B	Magnesium		mg/L	-	18 [1.1]	-	18 [1.1]	-	13 [1.1]	-	24 [1.1]
SW6010B	Potassium		mg/L	-	4.9 [3.3]	-	5 [3.3]	-	4.3 [3.3]	-	5.7 [3.3]
SW6010B	Sodium		mg/L	-	6 [2]	-	6.2 [2]	-	4.8 [2]	-	4.7 [2]
SW6020	Antimony	0.006	mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	0.00061 [0.002] J
SW6020	Arsenic	0.01	mg/L	-	**0.011 [0.005]**	-	**0.011 [0.005]**	-	0.007 [0.005]	-	ND [0.005]
SW6020	Barium	2	mg/L	-	0.19 [0.006]	-	0.19 [0.006]	-	0.17 [0.006]	-	0.12 [0.006]
SW6020	Beryllium	0.004	mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW6020	Cadmium	0.005	mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	0.00017 [0.002] J
SW6020	Chromium	0.1	mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW6020	Cobalt		mg/L	-	0.00096 [0.002] J	-	0.00097 [0.002] J	-	0.00056 [0.002] J	-	0.0025 [0.002]
SW6020	Copper	1	mg/L	-	0.00073 [0.005] J	-	0.00074 [0.005] J	-	0.0016 [0.005] J	-	0.0029 [0.005] J
SW6020	Lead	0.015	mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW6020	Manganese		mg/L	-	1.1 [0.002]	-	1.1 [0.002] JM+	-	0.5 [0.002]	-	0.47 [0.002]
SW6020	Nickel	0.1	mg/L	-	ND [0.015]	-	ND [0.015]	-	ND [0.015]	-	0.01 [0.015] J
SW6020	Selenium	0.05	mg/L	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW6020	Silver	0.1	mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW6020	Thallium	0.002	mg/L	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW6020	Vanadium	0.26	mg/L	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]
SW6020	Zinc	5	mg/L	-	ND [0.007]	-	ND [0.007]	-	ND [0.007]	-	0.0069 [0.007] J
SW7470A	Mercury	0.002	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8081	4,4'-DDD		mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	4,4'-DDT	0.0025	mg/L	-	0.000011 [0.00002] J, B	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	Aldrin	0.00005	mg/L	-	ND [0.0000099]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000096]
SW8081	alpha-BHC	0.00014	mg/L	-	ND [0.0000099]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000096]
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.0000099]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000096]
SW8081	beta-BHC	0.00047	mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	delta-BHC		mg/L	-	ND [0.0000099]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000096]
SW8081	Dieldrin	0.000053	mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	Endosulfan I		mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	Endosulfan II		mg/L	-	0.000015 [0.00002] J	-	0.0000051 [0.00002] J	-	ND [0.00002]	-	ND [0.000019]
SW8081	Endosulfan sulfate		mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	Endrin	0.002	mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	Endrin aldehyde		mg/L	-	ND [0.00005]	-	ND [0.000051]	-	ND [0.00005]	-	ND [0.000048]
SW8081	Endrin ketone		mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.000019]
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	ND [0.0000099]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000096]
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.0000099]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000096]
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.0000099]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000096]

			Location	MW64	MW64	MW64	MW64	MW69	MW69	MW70	MW70
			Sample ID	11FWAMW64-GWBS	11FWAMW64-GWBS	11FWAMW64-GWS	11FWAMW64-GWS	11FWAMW69-GWS	11FWAMW69-GWS	11FWAMW70-GWS	11FWAMW70-GWS
			Laboratory Sample ID	27464-16	27464-16	27464-4	27464-4	27395-6	27395-6	27395-8	27395-8
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/15/2011	7/15/2011	7/15/2011	7/15/2011	7/12/2011	7/12/2011	7/13/2011	7/13/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.0000099]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000096]
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.000099]	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.000096]
SW8081	Toxaphene	0.003	mg/L	-	ND [0.00099]	-	ND [0.001]	-	ND [0.001]	-	ND [0.00096]
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00028]	-	ND [0.00027]	-	ND [0.00026]	-	ND [0.00025]
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00028]	-	ND [0.00027]	-	ND [0.00026]	-	ND [0.00025]
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00028]	-	ND [0.00027]	-	ND [0.00026]	-	ND [0.00025]
SW8151A	2,4-DB		mg/L	-	ND [0.00028]	-	ND [0.00027]	-	ND [0.00026]	-	ND [0.00025]
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00028]	-	ND [0.00027]	-	ND [0.00026]	-	ND [0.00025]
SW8151A	Dalapon		mg/L	-	ND [0.00045]	-	ND [0.00043]	-	ND [0.00041]	-	ND [0.00039]
SW8151A	Dicamba		mg/L	-	ND [0.00028]	-	ND [0.00027]	-	ND [0.00026]	-	ND [0.00025]
SW8151A	Dichlorprop		mg/L	-	ND [0.00028]	-	ND [0.00027]	-	ND [0.00026]	-	ND [0.00025]
SW8151A	Dinoseb		mg/L	-	ND [0.00028]	-	ND [0.00027]	-	ND [0.00026]	-	ND [0.00025]
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,1-Dichloroethane	7.3	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,1-Dichloroethene	0.007	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,1-Dichloropropene		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,2-Dichloroethane	0.005	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00031 [0.001] J
SW8260	1,2-Dichloropropane	0.005	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,3-Dichloropropane		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	2,2-Dichloropropane		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	2-Butanone	22	mg/L	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]
SW8260	2-Chlorotoluene		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	2-Hexanone		mg/L	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260	4-Chlorotoluene		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]

			Location	MW64	MW64	MW64	MW64	MW69	MW69	MW70	MW70
			Sample ID	11FWAMW64-GWBS	11FWAMW64-GWBS	11FWAMW64-GWS	11FWAMW64-GWS	11FWAMW69-GWS	11FWAMW69-GWS	11FWAMW70-GWS	11FWAMW70-GWS
			Laboratory Sample ID	27464-16	27464-16	27464-4	27464-4	27395-6	27395-6	27395-8	27395-8
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/15/2011	7/15/2011	7/15/2011	7/15/2011	7/12/2011	7/12/2011	7/13/2011	7/13/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260	Acetone	33	mg/L	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]
SW8260	Benzene	0.005	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Bromobenzene		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Bromochloromethane		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Bromodichloromethane	0.014	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Bromoform	0.11	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Bromomethane	0.051	mg/L	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260	Carbon disulfide	3.7	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Carbon tetrachloride	0.005	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Chlorobenzene	0.1	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Chloroethane	0.29	mg/L	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260	Chloroform	0.14	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Chloromethane	0.066	mg/L	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	0.00083 [0.001] J	-	0.00081 [0.001] J	-	ND [0.001]	-	ND [0.001]
SW8260	cis-1,3-Dichloropropene		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Dibromochloromethane	0.01	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Dibromomethane		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Ethylbenzene	0.7	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Isopropylbenzene	3.7	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Methylene chloride	0.005	mg/L	-	ND [0.003]	-	0.0003 [0.003] J	-	0.00015 [0.003] J	-	0.00018 [0.003] J
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Naphthalene	0.73	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	n-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	n-Propylbenzene	0.37	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	o-Xylene	10	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	sec-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Styrene	0.1	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	tert-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Toluene	1	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	0.00034 [0.001] J	-	0.00045 [0.001] J	-	ND [0.001]	-	ND [0.001]
SW8260	trans-1,3-Dichloropropene		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	0.001 [0.001]	-	0.001 [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Trichlorofluoromethane	11	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Vinyl chloride	0.002	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260	Xylene, Isomers m & p	10	mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	0.00036 [0.0007] J	-	0.0003 [0.0007] J	-	ND [0.0007]	-	0.00028 [0.0007] J
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	0.00005 [0.0005] J	-	0.000045 [0.0005] J	-	ND [0.0005]	-	0.00028 [0.0005] J
SW8260B	Benzene	0.005	mg/L	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]
SW8260B	Carbon tetrachloride	0.005	mg/L	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]

			Location	MW64	MW64	MW64	MW64	MW69	MW69	MW70	MW70
			Sample ID	11FWAMW64-GWBS	11FWAMW64-GWBS	11FWAMW64-GWS	11FWAMW64-GWS	11FWAMW69-GWS	11FWAMW69-GWS	11FWAMW70-GWS	11FWAMW70-GWS
			Laboratory Sample ID	27464-16	27464-16	27464-4	27464-4	27395-6	27395-6	27395-8	27395-8
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/15/2011	7/15/2011	7/15/2011	7/15/2011	7/12/2011	7/12/2011	7/13/2011	7/13/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	0.0011 [0.0005]	-	0.00098 [0.0005]	-	ND [0.0005]	-	ND [0.0005]
SW8260B	Vinyl chloride	0.002	mg/L	-	0.00015 [0.0002] J	-	0.00014 [0.0002] J	-	ND [0.0002]	-	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.00099]
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.0025]	-	ND [0.0025]	-	ND [0.0025]	-	ND [0.0025]
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.000099]
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	2-Nitroaniline		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	2-Nitrophenol		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.001] R	-	ND [0.001] R	-	ND [0.001] R	-	ND [0.00099] R
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]
SW8270	3-Nitroaniline		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.0002] R	-	ND [0.0002] R	-	ND [0.0002] R	-	ND [0.0002] R
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	4-Nitroaniline		mg/L	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]
SW8270	4-Nitrophenol		mg/L	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.00099]
SW8270	Acenaphthene	2.2	mg/L	-	ND [0.000051]	-	ND [0.000051]	-	ND [0.000051]	-	ND [0.00005]
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.00004]	-	ND [0.00004]	-	ND [0.00004]	-	ND [0.00004]
SW8270	Anthracene	11	mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]
SW8270	Azobenzene		mg/L	-	ND [0.00051]	-	ND [0.00051]	-	ND [0.00051]	-	ND [0.0005]
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00004]	-	ND [0.00004]	-	ND [0.00004]	-	ND [0.00004]
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]
SW8270	Benzoic acid	150	mg/L	-	0.00075 [0.001] J, B	-	0.00069 [0.001] J, B	-	0.00079 [0.001] J, B	-	0.0009 [0.00099] J, B
SW8270	Benzyl alcohol		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	ND [0.0003]	-	0.00012 [0.0003] J	-	ND [0.0003]	-	ND [0.0003]
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	ND [0.0015]	-	ND [0.0015]	-	ND [0.0015]
SW8270	Carbazole	0.043	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]

			Location	MW64	MW64	MW64	MW64	MW69	MW69	MW70	MW70
			Sample ID	11FWAMW64-GWBS	11FWAMW64-GWBS	11FWAMW64-GWS	11FWAMW64-GWS	11FWAMW69-GWS	11FWAMW69-GWS	11FWAMW70-GWS	11FWAMW70-GWS
			Laboratory Sample ID	27464-16	27464-16	27464-4	27464-4	27395-6	27395-6	27395-8	27395-8
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/15/2011	7/15/2011	7/15/2011	7/15/2011	7/12/2011	7/12/2011	7/13/2011	7/13/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	Diethyl phthalate	29	mg/L	-	ND [0.0002]	-	0.000052 [0.0002] J	-	ND [0.0002]	-	ND [0.0002]
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	0.000084 [0.0002] J, B	-	0.00014 [0.0002] J, B	-	ND [0.0002]	-	0.000065 [0.0002] J, B
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.000025]	-	ND [0.000025]	-	ND [0.000025]	-	ND [0.000025]
SW8270	Fluorene	1.5	mg/L	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]
SW8270	Isophorone	0.9	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	Naphthalene	0.73	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.00099] E*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.0002] JL-	-	ND [0.0002] JL-	-	ND [0.0002] JL-	-	ND [0.0002] JL-
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.00035]	-	ND [0.00035]	-	ND [0.00035]	-	ND [0.00035]
SW8270	Phenanthrene	11	mg/L	-	ND [0.00004]	-	ND [0.00004]	-	ND [0.00004]	-	ND [0.00004]
SW8270	Phenol	11	mg/L	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]	-	ND [0.0003]
SW8270	Pyrene	1.1	mg/L	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]	-	ND [0.00003]
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	ND [0.000013]	-	ND [0.000013]	-	ND [0.000013]	-	ND [0.000013]
8270SIM	Acenaphthene	2.2	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Anthracene	11	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002]
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Chrysene	0.12	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Fluoranthene	1.5	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Fluorene	1.5	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Naphthalene	0.73	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Phenanthrene	11	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
8270SIM	Pyrene	1.1	mg/L	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.00001]	-	ND [0.0000099]
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	ND [0.001] JS-	-	ND [0.00099] JS-	-	ND [0.00098]	-	ND [0.00098]	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	ND [0.0004] JS-	-	ND [0.0004] JS-	-	ND [0.00039]	-	ND [0.00039]	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	ND [0.0004] JS-	-	ND [0.0004] JS-	-	ND [0.00039]	-	ND [0.00039]	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0004] JS-	-	ND [0.0004] JS-	-	ND [0.00039]	-	ND [0.00039]	-

			Location	MW64	MW64	MW64	MW64	MW69	MW69	MW70	MW70
			Sample ID	11FWAMW64-GWBS	11FWAMW64-GWBS	11FWAMW64-GWS	11FWAMW64-GWS	11FWAMW69-GWS	11FWAMW69-GWS	11FWAMW70-GWS	11FWAMW70-GWS
			Laboratory Sample ID	27464-16	27464-16	27464-4	27464-4	27395-6	27395-6	27395-8	27395-8
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/15/2011	7/15/2011	7/15/2011	7/15/2011	7/12/2011	7/12/2011	7/13/2011	7/13/2011
			Laboratory Sample ID	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] JS-	-	ND [0.0002] JS-	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	ND [0.0002] JS-	-	ND [0.0002] JS-	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	ND [0.0002] JS-	-	ND [0.0002] JS-	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	ND [0.0002] JS-	-	ND [0.0002] JS-	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	ND [0.0002] JS-	-	ND [0.0002] JS-	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	m-Nitrotoluene	0.73	mg/L	ND [0.0004] JS-	-	ND [0.0004] JS-	-	ND [0.00039] JL-	-	ND [0.00039] JL-	-
SW8330	Nitrobenzene	0.018	mg/L	ND [0.0004] JS-	-	ND [0.0004] JS-	-	ND [0.00039]	-	ND [0.00039]	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	ND [0.0004] JS-	-	ND [0.0004] JM-, JS-	-	ND [0.00039]	-	ND [0.00039]	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.0004] JS-	-	ND [0.0004] JS-	-	ND [0.00039] JL-	-	ND [0.00039] JL-	-
SW8330	p-Nitrotoluene	0.05	mg/L	ND [0.001] JS-	-	ND [0.00099] JS-	-	ND [0.00098] JL-	-	ND [0.00098] JL-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	MW76	MW77	MW77	MW78	MW78	MW79	MW79	MW80
			Sample ID	11FWAMW76-GWS	11FWAMW77-GWS	11FWAMW77-GWS	11FWAMW78-GWS	11FWAMW78-GWS	11FWAMW79-GWS	11FWAMW79-GWS	11FWAMW80-GWS
			Laboratory Sample ID	27395-9	27574-8	27574-8	27365-4	27365-4	27365-5	27365-5	27574-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/13/2011	7/21/2011	7/21/2011	7/11/2011	7/11/2011	7/11/2011	7/11/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	ND [0.05]	-	0.019 [0.05] J	-	ND [0.05] R	-	ND [0.05] JH	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.12 [0.11]	-	**1.6 [0.1]**	-	0.044 [0.098] R	-	0.1 [0.098]	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.25 [0.11]	-	0.71 [0.1]	-	0.091 [0.098] R	-	0.19 [0.098]	-
SW6010B	Aluminum		mg/L	ND [1]	-	ND [1]	-	ND [1] R	-	ND [1]	-
SW6010B	Boron		mg/L	ND [2.5]	-	ND [2.5]	-	ND [2.5] R	-	ND [2.5]	-
SW6010B	Calcium		mg/L	130 [1.1]	-	130 [1.1]	-	60 [1.1] R	-	70 [1.1]	-
SW6010B	Iron		mg/L	12 [0.2]	-	0.051 [0.2] J	-	6.8 [0.2] R	-	6.5 [0.2]	-
SW6010B	Magnesium		mg/L	34 [1.1]	-	53 [1.1]	-	13 [1.1] R	-	18 [1.1]	-
SW6010B	Potassium		mg/L	5.2 [3.3]	-	8.3 [3.3]	-	5 [3.3] R	-	5 [3.3]	-
SW6010B	Sodium		mg/L	5.1 [2]	-	8.1 [2]	-	9.1 [2] R	-	9 [2]	-
SW6020	Antimony	0.006	mg/L	ND [0.002]	-	0.00099 [0.002] J	-	ND [0.002] R	-	ND [0.002]	-
SW6020	Arsenic	0.01	mg/L	**0.014 [0.005]**	-	ND [0.005]	-	0.014 [0.005] R	-	**0.018 [0.005]**	-
SW6020	Barium	2	mg/L	0.089 [0.006]	-	0.11 [0.006]	-	0.21 [0.006] R	-	0.22 [0.006]	-
SW6020	Beryllium	0.004	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002] R	-	ND [0.002]	-
SW6020	Cadmium	0.005	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002] R	-	ND [0.002]	-
SW6020	Chromium	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002] R	-	ND [0.002]	-
SW6020	Cobalt		mg/L	0.0014 [0.002] J	-	0.0017 [0.002] J	-	ND [0.002] R	-	0.0011 [0.002] J	-
SW6020	Copper	1	mg/L	0.00081 [0.005] J	-	0.0018 [0.005] J, B	-	ND [0.005] R	-	0.0012 [0.005] J	-
SW6020	Lead	0.015	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002] R	-	ND [0.002]	-
SW6020	Manganese		mg/L	1.4 [0.002]	-	1.1 [0.002]	-	0.72 [0.002] R	-	0.81 [0.002]	-
SW6020	Nickel	0.1	mg/L	0.0033 [0.015] J	-	0.0089 [0.015] J	-	ND [0.015] R	-	ND [0.015]	-
SW6020	Selenium	0.05	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005] R	-	ND [0.005]	-
SW6020	Silver	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002] R	-	ND [0.002]	-
SW6020	Thallium	0.002	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005] R	-	ND [0.005]	-
SW6020	Vanadium	0.26	mg/L	ND [0.01]	-	ND [0.01]	-	ND [0.01] R	-	ND [0.01]	-
SW6020	Zinc	5	mg/L	0.0041 [0.007] J	-	ND [0.007]	-	ND [0.007] R	-	0.022 [0.007]	-
SW7470A	Mercury	0.002	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002] R	-	ND [0.0002]	-
SW8081	4,4'-DDD		mg/L	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.00002]	-	0.000013 [0.000019] J	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	Aldrin	0.00005	mg/L	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000099] R	-	ND [0.0000098]	-
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000099] R	-	ND [0.0000098]	-
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000099] R	-	ND [0.0000098]	-
SW8081	beta-BHC	0.00047	mg/L	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	delta-BHC		mg/L	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000099] R	-	ND [0.0000098]	-
SW8081	Dieldrin	0.000053	mg/L	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	Endosulfan I		mg/L	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	Endosulfan II		mg/L	ND [0.00002]	-	ND [0.000019]	-	0.000006 [0.00002] R	-	0.0000053 [0.00002] J	-
SW8081	Endosulfan sulfate		mg/L	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	Endrin	0.002	mg/L	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	Endrin aldehyde		mg/L	ND [0.000049]	-	ND [0.000049]	-	ND [0.00005] R	-	ND [0.000049]	-
SW8081	Endrin ketone		mg/L	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002] R	-	ND [0.00002]	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000099] R	-	ND [0.0000098]	-
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000099] R	-	ND [0.0000098]	-
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000099] R	-	ND [0.0000098]	-

			Location	MW76	MW77	MW77	MW78	MW78	MW79	MW79	MW80
			Sample ID	11FWAMW76-GWS	11FWAMW77-GWS	11FWAMW77-GWS	11FWAMW78-GWS	11FWAMW78-GWS	11FWAMW79-GWS	11FWAMW79-GWS	11FWAMW80-GWS
			Laboratory Sample ID	27395-9	27574-8	27574-8	27365-4	27365-4	27365-5	27365-5	27574-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/13/2011	7/21/2011	7/21/2011	7/11/2011	7/11/2011	7/11/2011	7/11/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000099] R	-	ND [0.0000098]	-
SW8081	Methoxychlor	0.04	mg/L	ND [0.000098]	-	ND [0.000097]	-	ND [0.000099] R	-	ND [0.000098]	-
SW8081	Toxaphene	0.003	mg/L	ND [0.00098]	-	ND [0.00097]	-	ND [0.00099] R	-	ND [0.00098]	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00026]	-	ND [0.00027]	-	ND [0.00025] R	-	ND [0.00025]	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00026]	-	ND [0.00027]	-	ND [0.00025] R	-	ND [0.00025]	-
SW8151A	2,4-D	0.07	mg/L	ND [0.00026]	-	ND [0.00027]	-	ND [0.00025] R	-	ND [0.00025]	-
SW8151A	2,4-DB		mg/L	ND [0.00026]	-	ND [0.00027]	-	ND [0.00025] R	-	ND [0.00025]	-
SW8151A	4-Nitrophenol		mg/L	ND [0.00026]	-	ND [0.00027]	-	ND [0.00025] R	-	ND [0.00025]	-
SW8151A	Dalapon		mg/L	ND [0.00042]	-	ND [0.00043]	-	ND [0.0004] R	-	ND [0.00039]	-
SW8151A	Dicamba		mg/L	ND [0.00026]	-	ND [0.00027]	-	ND [0.00025] R	-	ND [0.00025]	-
SW8151A	Dichlorprop		mg/L	ND [0.00026]	-	ND [0.00027]	-	ND [0.00025] R	-	ND [0.00025]	-
SW8151A	Dinoseb		mg/L	ND [0.00026]	-	ND [0.00027]	-	ND [0.00025] R	-	ND [0.00025]	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E*	-	*ND [0.001] E*	-	ND [0.001] R	-	*ND [0.001] E*	*ND [0.001] E*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002] R	-	ND [0.002]	ND [0.002]
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E*	-	*ND [0.001] E*	-	ND [0.001] R	-	*ND [0.001] E*	*ND [0.001] E*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,3-Dichloropropane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	2,2-Dichloropropane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	2-Butanone	22	mg/L	ND [0.01]	-	ND [0.01]	-	ND [0.01] R	-	ND [0.01]	ND [0.01]
SW8260	2-Chlorotoluene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	2-Hexanone		mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005] R	-	ND [0.005]	ND [0.005]
SW8260	4-Chlorotoluene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]

			Location	MW76	MW77	MW77	MW78	MW78	MW79	MW79	MW80
			Sample ID	11FWAMW76-GWS	11FWAMW77-GWS	11FWAMW77-GWS	11FWAMW78-GWS	11FWAMW78-GWS	11FWAMW79-GWS	11FWAMW79-GWS	11FWAMW80-GWS
			Laboratory Sample ID	27395-9	27574-8	27574-8	27365-4	27365-4	27365-5	27365-5	27574-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/13/2011	7/21/2011	7/21/2011	7/11/2011	7/11/2011	7/11/2011	7/11/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260	4-Isopropyltoluene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005] R	-	ND [0.005]	ND [0.005]
SW8260	Acetone	33	mg/L	ND [0.01]	-	ND [0.01]	-	ND [0.01] R	-	ND [0.01]	ND [0.01]
SW8260	Benzene	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Bromobenzene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Bromochloromethane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Bromoform	0.11	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Bromomethane	0.051	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005] R	-	ND [0.005]	ND [0.005]
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Chloroethane	0.29	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005] R	-	ND [0.005]	ND [0.005]
SW8260	Chloroform	0.14	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Chloromethane	0.066	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005] R	-	ND [0.005]	ND [0.005]
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001]	-	0.0003 [0.001] J	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Dibromomethane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Methylene chloride	0.005	mg/L	ND [0.003]	-	ND [0.003]	-	ND [0.003] R	-	ND [0.003]	0.00019 [0.003] J, B
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Naphthalene	0.73	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	o-Xylene	10	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Styrene	0.1	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Toluene	1	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Trichloroethene (TCE)	0.005	mg/L	ND [0.001]	-	0.0011 [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001] R	-	ND [0.001]	ND [0.001]
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002] R	-	ND [0.002]	ND [0.002]
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.0004]	-	0.000032 [0.0004] J	-	ND [0.0004] R	-	ND [0.0004]	ND [0.0004]
SW8260B	1,1-Dichloroethene	0.007	mg/L	0.000057 [0.0007] J	-	0.00018 [0.0007] J	-	ND [0.0007] R	-	ND [0.0007]	0.000058 [0.0007] J
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002] R	-	**0.00034 [0.0002]**	ND [0.0002]
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001] R	-	ND [0.0001]	ND [0.0001]
SW8260B	1,2-Dichloroethane	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]
SW8260B	Benzene	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]

			Location	MW76	MW77	MW77	MW78	MW78	MW79	MW79	MW80
			Sample ID	11FWAMW76-GWS	11FWAMW77-GWS	11FWAMW77-GWS	11FWAMW78-GWS	11FWAMW78-GWS	11FWAMW79-GWS	11FWAMW79-GWS	11FWAMW80-GWS
			Laboratory Sample ID	27395-9	27574-8	27574-8	27365-4	27365-4	27365-5	27365-5	27574-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/13/2011	7/21/2011	7/21/2011	7/11/2011	7/11/2011	7/11/2011	7/11/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8260B	Trichloroethene (TCE)	0.005	mg/L	ND [0.0005]	-	0.001 [0.0005]	-	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]
SW8260B	Vinyl chloride	0.002	mg/L	ND [0.0002]	-	0.000028 [0.0002] J	-	ND [0.0002] R	-	ND [0.0002]	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.00029]	-	ND [0.00033]	-	ND [0.0003] R	-	ND [0.00029]	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.00098]	-	ND [0.0011] JL-	-	ND [0.00099] R	-	ND [0.00097]	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0025]	-	ND [0.0027]	-	ND [0.0025] R	-	ND [0.0024]	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.000029]	-	ND [0.000033]	-	ND [0.00003] R	-	ND [0.000029]	-
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.002]	-	ND [0.0022]	-	ND [0.002] R	-	ND [0.0019]	-
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.000098]	-	ND [0.00011]	-	ND [0.000099] R	-	ND [0.000097]	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	2-Nitroaniline		mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	2-Nitrophenol		mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.00098] R	-	ND [0.0011]	-	ND [0.00099] R	-	ND [0.00097]	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.00039]	-	ND [0.00043]	-	ND [0.0004] R	-	ND [0.00039]	-
SW8270	3-Nitroaniline		mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.0002] R	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	4-Nitroaniline		mg/L	ND [0.00029]	-	ND [0.00033]	-	ND [0.0003] R	-	ND [0.00029]	-
SW8270	4-Nitrophenol		mg/L	ND [0.00098]	-	ND [0.0011]	-	ND [0.00099] R	-	ND [0.00097]	-
SW8270	Acenaphthene	2.2	mg/L	ND [0.000049]	-	0.00012 [0.000054]	-	ND [0.00005] R	-	ND [0.000049]	-
SW8270	Acenaphthylene	2.2	mg/L	ND [0.000039]	-	ND [0.000043]	-	ND [0.00004] R	-	ND [0.000039]	-
SW8270	Anthracene	11	mg/L	ND [0.00002]	-	ND [0.000022]	-	ND [0.00002] R	-	ND [0.000019]	-
SW8270	Azobenzene		mg/L	ND [0.00049]	-	ND [0.00054]	-	ND [0.0005] R	-	ND [0.00049]	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.000029]	-	ND [0.000033]	-	ND [0.00003] R	-	ND [0.000029]	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	ND [0.000022]	-	ND [0.00002] R	-	ND [0.000019]	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000039]	-	ND [0.000043]	-	ND [0.00004] R	-	ND [0.000039]	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000029]	-	ND [0.000033]	-	ND [0.00003] R	-	ND [0.000029]	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000029]	-	ND [0.000033]	-	ND [0.00003] R	-	ND [0.000029]	-
SW8270	Benzoic acid	150	mg/L	0.00085 [0.00098] J, B	-	ND [0.0011]	-	0.00059 [0.00099] R	-	0.00058 [0.00097] J, B	-
SW8270	Benzyl alcohol		mg/L	ND [0.0002]	-	0.00016 [0.00022] J	-	ND [0.0002] R	-	0.000052 [0.00019] J	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	ND [0.00029]	-	ND [0.00033]	-	ND [0.0003] R	-	ND [0.00029]	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	ND [0.0016]	-	ND [0.0015] R	-	ND [0.0015]	-
SW8270	Carbazole	0.043	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-

			Location	MW76	MW77	MW77	MW78	MW78	MW79	MW79	MW80
			Sample ID	11FWAMW76-GWS	11FWAMW77-GWS	11FWAMW77-GWS	11FWAMW78-GWS	11FWAMW78-GWS	11FWAMW79-GWS	11FWAMW79-GWS	11FWAMW80-GWS
			Laboratory Sample ID	27395-9	27574-8	27574-8	27365-4	27365-4	27365-5	27365-5	27574-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/13/2011	7/21/2011	7/21/2011	7/11/2011	7/11/2011	7/11/2011	7/11/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units								
SW8270	Chrysene	0.12	mg/L	ND [0.00002]	-	ND [0.000022]	-	ND [0.00002] R	-	ND [0.000019]	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000029]	-	ND [0.000033]	-	ND [0.00003] R	-	ND [0.000029]	-
SW8270	Dibenzofuran	0.073	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	Diethyl phthalate	29	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	Dimethyl phthalate	370	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.00011 [0.0002] J, B	-	ND [0.00022]	-	0.000066 [0.0002] R	-	ND [0.00019]	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	Fluoranthene	1.5	mg/L	ND [0.000025]	-	ND [0.000027]	-	ND [0.000025] R	-	ND [0.000024]	-
SW8270	Fluorene	1.5	mg/L	ND [0.000029]	-	0.0002 [0.000033]	-	ND [0.00003] R	-	ND [0.000029]	-
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	ND [0.00029]	-	ND [0.00033]	-	ND [0.0003] R	-	ND [0.00029]	-
SW8270	Hexachloroethane	0.04	mg/L	ND [0.00029]	-	ND [0.00033]	-	ND [0.0003] R	-	ND [0.00029]	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000029]	-	ND [0.000033]	-	ND [0.00003] R	-	ND [0.000029]	-
SW8270	Isophorone	0.9	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	Naphthalene	0.73	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	Nitrobenzene	0.018	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.00098] E*	-	*ND [0.0011] E*	-	ND [0.00099] R	-	*ND [0.00097] E*	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.0002]	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.0002] JL-	-	ND [0.00022]	-	ND [0.0002] R	-	ND [0.00019]	-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00034]	-	ND [0.00038]	-	ND [0.00035] R	-	ND [0.00034]	-
SW8270	Phenanthrene	11	mg/L	ND [0.000039]	-	ND [0.000043]	-	ND [0.00004] R	-	ND [0.000039]	-
SW8270	Phenol	11	mg/L	ND [0.00029]	-	ND [0.00033]	-	ND [0.0003] R	-	ND [0.00029]	-
SW8270	Pyrene	1.1	mg/L	ND [0.000029]	-	ND [0.000033]	-	ND [0.00003] R	-	ND [0.000029]	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013]	-	0.000013 [0.000014] J	-	ND [0.000013] R	-	ND [0.000013]	-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.0000098]	-	0.000071 [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.0000098]	-	0.000043 [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Anthracene	11	mg/L	ND [0.0000098]	-	0.000018 [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.0000098]	-	ND [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	ND [0.000022]	-	ND [0.00002] R	-	ND [0.000019]	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.0000098]	-	ND [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.0000098]	-	ND [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.0000098]	-	ND [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Chrysene	0.12	mg/L	ND [0.0000098]	-	ND [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.0000098]	-	ND [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.0000098]	-	0.0000053 [0.000011] J	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Fluorene	1.5	mg/L	ND [0.0000098]	-	0.00011 [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.0000098]	-	ND [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Naphthalene	0.73	mg/L	ND [0.0000098]	-	0.00012 [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Phenanthrene	11	mg/L	ND [0.0000098]	-	0.000045 [0.000011]	-	ND [0.0000099] R	-	ND [0.0000097]	-
8270SIM	Pyrene	1.1	mg/L	ND [0.0000098]	-	0.0000048 [0.000011] J	-	ND [0.0000099] R	-	ND [0.0000097]	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	ND [0.00097] JM	-	ND [0.00099] R	-	ND [0.001] JH, JS-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	ND [0.00039]	-	ND [0.00039] R	-	ND [0.0004] JH, JS-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	ND [0.00039]	-	ND [0.00039] R	-	ND [0.0004] JH, JS-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.00039]	-	ND [0.00039] R	-	ND [0.0004] JH, JS-	-	-

			Location	MW76	MW77	MW77	MW78	MW78	MW79	MW79	MW80
			Sample ID	11FWAMW76-GWS	11FWAMW77-GWS	11FWAMW77-GWS	11FWAMW78-GWS	11FWAMW78-GWS	11FWAMW79-GWS	11FWAMW79-GWS	11FWAMW80-GWS
			Laboratory Sample ID	27395-9	27574-8	27574-8	27365-4	27365-4	27365-5	27365-5	27574-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	7/13/2011	7/21/2011	7/21/2011	7/11/2011	7/11/2011	7/11/2011	7/11/2011	7/20/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**								
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.00019]	-	ND [0.0002] R	-	ND [0.0002] JH, JS-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	ND [0.00019]	-	ND [0.0002] R	-	ND [0.0002] JH, JS-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	ND [0.00019]	-	ND [0.0002] R	-	ND [0.0002] JH, JS-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	ND [0.00019]	-	ND [0.0002] R	-	ND [0.0002] JH, JS-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	ND [0.00019]	-	ND [0.0002] R	-	ND [0.0002] JH, JS-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	ND [0.00039]	-	ND [0.00039] R	-	ND [0.0004] JH, JS-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	ND [0.00039] JM-	-	ND [0.00039] R	-	ND [0.0004] JH, JS-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	ND [0.00039] JM-	-	ND [0.00039] R	-	ND [0.0004] JH, JS-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.00039]	-	ND [0.00039] R	-	ND [0.0004] JH, JS-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	ND [0.00097] JM-	-	ND [0.00099] R	-	ND [0.001] JH, JS-	-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

			Location	MW81	MW91	MW92	TB01	TB01	TB02	TB03	11FWATB04-	TB05
			Sample ID	11FWAMW81-GWS	11FWAMW91-GWS	11FWAMW92-GWS	11FWA-TAKU-TB01	11FWATB01-GWS	11FWATB02-GWS	11FWATB03-GWS	11FWATB04-GWS	11FWATB05-GWS
			Laboratory Sample ID	27395-10	27574-9	27574-10	26986-3	27365-6	27395-11	27464-11	27511-15	27574-11
			Matrix	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	7/13/2011	7/21/2012	7/21/2011	6/21/2011	7/11/2011	7/12/2011	7/14/2011	7/18/2011	10/7/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW		TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units									
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	ND [0.05]	-	-	ND [0.05]	ND [0.05] JH	0.021 [0.05] J, B	0.015 [0.05] J, B	ND [0.05]	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.095 [0.097] J	-	-	-	-	-	-	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.21 [0.097]	-	-	-	-	-	-	-	-
SW6010B	Aluminum		mg/L	ND [1]	-	-	-	-	-	-	-	-
SW6010B	Boron		mg/L	ND [2.5]	-	-	-	-	-	-	-	-
SW6010B	Calcium		mg/L	88 [1.1]	-	-	-	-	-	-	-	-
SW6010B	Iron		mg/L	12 [0.2]	-	-	-	-	-	-	-	-
SW6010B	Magnesium		mg/L	22 [1.1]	-	-	-	-	-	-	-	-
SW6010B	Potassium		mg/L	4.4 [3.3]	-	-	-	-	-	-	-	-
SW6010B	Sodium		mg/L	4.6 [2]	-	-	-	-	-	-	-	-
SW6020	Antimony	0.006	mg/L	ND [0.002]	-	-	-	-	-	-	-	-
SW6020	Arsenic	0.01	mg/L	0.01 [0.005]	-	-	-	-	-	-	-	-
SW6020	Barium	2	mg/L	0.18 [0.006]	-	-	-	-	-	-	-	-
SW6020	Beryllium	0.004	mg/L	ND [0.002]	-	-	-	-	-	-	-	-
SW6020	Cadmium	0.005	mg/L	ND [0.002]	-	-	-	-	-	-	-	-
SW6020	Chromium	0.1	mg/L	ND [0.002]	-	-	-	-	-	-	-	-
SW6020	Cobalt		mg/L	0.00095 [0.002] J	-	-	-	-	-	-	-	-
SW6020	Copper	1	mg/L	ND [0.005]	-	-	-	-	-	-	-	-
SW6020	Lead	0.015	mg/L	ND [0.002]	-	-	-	-	-	-	-	-
SW6020	Manganese		mg/L	1.2 [0.002]	-	-	-	-	-	-	-	-
SW6020	Nickel	0.1	mg/L	ND [0.015]	-	-	-	-	-	-	-	-
SW6020	Selenium	0.05	mg/L	ND [0.005]	-	-	-	-	-	-	-	-
SW6020	Silver	0.1	mg/L	ND [0.002]	-	-	-	-	-	-	-	-
SW6020	Thallium	0.002	mg/L	ND [0.005]	-	-	-	-	-	-	-	-
SW6020	Vanadium	0.26	mg/L	ND [0.01]	-	-	-	-	-	-	-	-
SW6020	Zinc	5	mg/L	0.0039 [0.007] J	-	-	-	-	-	-	-	-
SW7470A	Mercury	0.002	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8081	4,4'-DDD		mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	Aldrin	0.00005	mg/L	ND [0.0000097]	-	-	-	-	-	-	-	-
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000097]	-	-	-	-	-	-	-	-
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000097]	-	-	-	-	-	-	-	-
SW8081	beta-BHC	0.00047	mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	delta-BHC		mg/L	ND [0.0000097]	-	-	-	-	-	-	-	-
SW8081	Dieldrin	0.000053	mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	Endosulfan I		mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	Endosulfan II		mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	Endosulfan sulfate		mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	Endrin	0.002	mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	Endrin aldehyde		mg/L	ND [0.000049]	-	-	-	-	-	-	-	-
SW8081	Endrin ketone		mg/L	ND [0.000019]	-	-	-	-	-	-	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000097]	-	-	-	-	-	-	-	-
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000097]	-	-	-	-	-	-	-	-
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000097]	-	-	-	-	-	-	-	-

			Location	MW81	MW91	MW92	TB01	TB01	TB02	TB03	11FWATB04-	TB05
			Sample ID	11FWAMW81-GWS	11FWAMW91-GWS	11FWAMW92-GWS	11FWA-TAKU-TB01	11FWATB01-GWS	11FWATB02-GWS	11FWATB03-GWS	11FWATB04-GWS	11FWATB05-GWS
			Laboratory Sample ID	27395-10	27574-9	27574-10	26986-3	27365-6	27395-11	27464-11	27511-15	27574-11
			Matrix	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	7/13/2011	7/21/2012	7/21/2011	6/21/2011	7/11/2011	7/12/2011	7/14/2011	7/18/2011	10/7/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW		TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units									
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000097]	-	-	-	-	-	-	-	-
SW8081	Methoxychlor	0.04	mg/L	ND [0.000097]	-	-	-	-	-	-	-	-
SW8081	Toxaphene	0.003	mg/L	ND [0.00097]	-	-	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	ND [0.00049]	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00026]	-	-	-	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00026]	-	-	-	-	-	-	-	-
SW8151A	2,4-D	0.07	mg/L	ND [0.00026]	-	-	-	-	-	-	-	-
SW8151A	2,4-DB		mg/L	ND [0.00026]	-	-	-	-	-	-	-	-
SW8151A	4-Nitrophenol		mg/L	ND [0.00026]	-	-	-	-	-	-	-	-
SW8151A	Dalapon		mg/L	ND [0.00041]	-	-	-	-	-	-	-	-
SW8151A	Dicamba		mg/L	ND [0.00026]	-	-	-	-	-	-	-	-
SW8151A	Dichlorprop		mg/L	ND [0.00026]	-	-	-	-	-	-	-	-
SW8151A	Dinoseb		mg/L	ND [0.00026]	-	-	-	-	-	-	-	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)		mg/L	-	-	-	-	-	-	-	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)		mg/L	-	-	-	-	-	-	-	-	-
SW8151A	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,1-Dichloropropene		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E*	ND [0.001] R	ND [0.001] R	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002]	ND [0.002] R	ND [0.002] R	ND [0.001]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E*	ND [0.001] R	ND [0.001] R	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,3-Dichloropropane		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	2,2-Dichloropropane		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	2-Butanone	22	mg/L	ND [0.01]	ND [0.01] R	ND [0.01] R	ND [0.001]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	0.0042 [0.01] J
SW8260	2-Chlorotoluene		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.01]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	2-Hexanone		mg/L	ND [0.005]	ND [0.005] R	ND [0.005] R	ND [0.001]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	4-Chlorotoluene		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.005]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]

			Location	MW81	MW91	MW92	TB01	TB01	TB02	TB03	11FWATB04-	TB05
			Sample ID	11FWAMW81-GWS	11FWAMW91-GWS	11FWAMW92-GWS	11FWA-TAKU-TB01	11FWATB01-GWS	11FWATB02-GWS	11FWATB03-GWS	11FWATB04-GWS	11FWATB05-GWS
			Laboratory Sample ID	27395-10	27574-9	27574-10	26986-3	27365-6	27395-11	27464-11	27511-15	27574-11
			Matrix	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	7/13/2011	7/21/2012	7/21/2011	6/21/2011	7/11/2011	7/12/2011	7/14/2011	7/18/2011	10/7/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW		TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units									
SW8260	4-Isopropyltoluene		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005]	ND [0.005] R	ND [0.005] R	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Acetone	33	mg/L	ND [0.01]	ND [0.01] R	ND [0.01] R	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]
SW8260	Benzene	0.005	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromobenzene		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromochloromethane		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromoform	0.11	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Bromomethane	0.051	mg/L	ND [0.005]	ND [0.005] R	ND [0.005] R	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chloroethane	0.29	mg/L	ND [0.005]	ND [0.005] R	ND [0.005] R	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	Chloroform	0.14	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Chloromethane	0.066	mg/L	ND [0.005]	ND [0.005] R	ND [0.005] R	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dibromomethane		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Methylene chloride	0.005	mg/L	0.00017 [0.003] J	ND [0.003] R	ND [0.003] R	ND [0.003]	**0.026 [0.003] B**	ND [0.003]	ND [0.003]	ND [0.003]	**0.18 [0.003] B**
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Naphthalene	0.73	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	o-Xylene	10	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Styrene	0.1	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Toluene	1	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Trichloroethene (TCE)	0.005	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001]	ND [0.001] R	ND [0.001] R	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002]	ND [0.002] R	ND [0.002] R	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.0004]	ND [0.0004] R	ND [0.0004] R	-	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]
SW8260B	1,1-Dichloroethene	0.007	mg/L	0.00017 [0.0007] J	ND [0.0007] R	ND [0.0007] R	-	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002] R	ND [0.0002] R	-	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001]	ND [0.0001] R	ND [0.0001] R	-	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]
SW8260B	1,2-Dichloroethane	0.005	mg/L	ND [0.0005]	ND [0.0005] R	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260B	Benzene	0.005	mg/L	ND [0.0005]	ND [0.0005] R	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005]	ND [0.0005] R	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.0005]	ND [0.0005] R	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]

			Location	MW81	MW91	MW92	TB01	TB01	TB02	TB03	11FWATB04-	TB05
			Sample ID	11FWAMW81-GWS	11FWAMW91-GWS	11FWAMW92-GWS	11FWA-TAKU-TB01	11FWATB01-GWS	11FWATB02-GWS	11FWATB03-GWS	11FWATB04-GWS	11FWATB05-GWS
			Laboratory Sample ID	27395-10	27574-9	27574-10	26986-3	27365-6	27395-11	27464-11	27511-15	27574-11
			Matrix	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	7/13/2011	7/21/2012	7/21/2011	6/21/2011	7/11/2011	7/12/2011	7/14/2011	7/18/2011	10/7/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW		TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units									
SW8260B	Trichloroethene (TCE)	0.005	mg/L	ND [0.0005]	ND [0.0005] R	ND [0.0005] R	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260B	Vinyl chloride	0.002	mg/L	ND [0.0002]	ND [0.0002] R	ND [0.0002] R	-	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.00031]	-	-	-	-	-	-	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.001]	-	-	-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0026]	-	-	-	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.000031]	-	-	-	-	-	-	-	-
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.002]	-	-	-	-	-	-	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.0001]	-	-	-	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	2-Nitroaniline		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	2-Nitrophenol		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.001] R	-	-	-	-	-	-	-	-
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.00041]	-	-	-	-	-	-	-	-
SW8270	3-Nitroaniline		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.0002] R	-	-	-	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	4-Nitroaniline		mg/L	ND [0.00031]	-	-	-	-	-	-	-	-
SW8270	4-Nitrophenol		mg/L	ND [0.001]	-	-	-	-	-	-	-	-
SW8270	Acenaphthene	2.2	mg/L	ND [0.000051]	-	-	-	-	-	-	-	-
SW8270	Acenaphthylene	2.2	mg/L	ND [0.000041]	-	-	-	-	-	-	-	-
SW8270	Anthracene	11	mg/L	ND [0.00002]	-	-	-	-	-	-	-	-
SW8270	Azobenzene		mg/L	ND [0.00051]	-	-	-	-	-	-	-	-
SW8270	Benzidine		mg/L	-	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.000031]	-	-	-	-	-	-	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	-	-	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000041]	-	-	-	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000031]	-	-	-	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000031]	-	-	-	-	-	-	-	-
SW8270	Benzoic acid	150	mg/L	0.00091 [0.001] J, B	-	-	-	-	-	-	-	-
SW8270	Benzyl alcohol		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	0.00011 [0.00031] J	-	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	-	-	-	-	-	-	-
SW8270	Carbazole	0.043	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-

			Location	MW81	MW91	MW92	TB01	TB01	TB02	TB03	11FWATB04-	TB05
			Sample ID	11FWAMW81-GWS	11FWAMW91-GWS	11FWAMW92-GWS	11FWA-TAKU-TB01	11FWATB01-GWS	11FWATB02-GWS	11FWATB03-GWS	11FWATB04-GWS	11FWATB05-GWS
			Laboratory Sample ID	27395-10	27574-9	27574-10	26986-3	27365-6	27395-11	27464-11	27511-15	27574-11
			Matrix	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	7/13/2011	7/21/2012	7/21/2011	6/21/2011	7/11/2011	7/12/2011	7/14/2011	7/18/2011	10/7/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW		TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units									
SW8270	Chrysene	0.12	mg/L	ND [0.00002]	-	-	-	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000031]	-	-	-	-	-	-	-	-
SW8270	Dibenzofuran	0.073	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	Diethyl phthalate	29	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	Dimethyl phthalate	370	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.00008 [0.0002] J, B	-	-	-	-	-	-	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	Fluoranthene	1.5	mg/L	ND [0.000026]	-	-	-	-	-	-	-	-
SW8270	Fluorene	1.5	mg/L	ND [0.000031]	-	-	-	-	-	-	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-	-
SW8270	Hexachlorocyclopentadiene	0.05	mg/L	ND [0.00031]	-	-	-	-	-	-	-	-
SW8270	Hexachloroethane	0.04	mg/L	ND [0.00031]	-	-	-	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000031]	-	-	-	-	-	-	-	-
SW8270	Isophorone	0.9	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	Naphthalene	0.73	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	Nitrobenzene	0.018	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.001] E*	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.0002]	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.0002] JL-	-	-	-	-	-	-	-	-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00036]	-	-	-	-	-	-	-	-
SW8270	Phenanthrene	11	mg/L	ND [0.000041]	-	-	-	-	-	-	-	-
SW8270	Phenol	11	mg/L	ND [0.00031]	-	-	-	-	-	-	-	-
SW8270	Pyrene	1.1	mg/L	ND [0.000031]	-	-	-	-	-	-	-	-
8270SIM	1-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013]	-	-	-	-	-	-	-	-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Anthracene	11	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	-	-	-	-	-	-	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Chrysene	0.12	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Fluorene	1.5	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Naphthalene	0.73	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	11	mg/L	ND [0.00001]	-	-	-	-	-	-	-	-
8270SIM	Pyrene	1.1	mg/L	0.0000031 [0.00001] J	-	-	-	-	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-

			Location	MW81	MW91	MW92	TB01	TB01	TB02	TB03	11FWATB04-	TB05
			Sample ID	11FWAMW81-GWS	11FWAMW91-GWS	11FWAMW92-GWS	11FWA-TAKU-TB01	11FWATB01-GWS	11FWATB02-GWS	11FWATB03-GWS	11FWATB04-GWS	11FWATB05-GWS
			Laboratory Sample ID	27395-10	27574-9	27574-10	26986-3	27365-6	27395-11	27464-11	27511-15	27574-11
			Matrix	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	7/13/2011	7/21/2012	7/21/2011	6/21/2011	7/11/2011	7/12/2011	7/14/2011	7/18/2011	10/7/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW		TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units									
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-	-

Notes:
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
italics = the nondetect LOD exceeds the ADEC cleanup level
bold = exceeds ADEC Cleanup Level

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			Location Sample ID QC	11FWAMW12- 11FWAMW12-GWBS Duplicate	11FWAMW12- 11FWAMW12-GWBS Duplicate	11FWAMW12- 11FWAMW12-GWS Primary	11FWAMW12- 11FWAMW12-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**				
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	-	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	-	-	-
SW6020	Arsenic	0.01	mg/L	-	0.0095 [0.005] SJ-	-	0.0096 [0.005] SJ-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	**0.011 [0.015] J, SJ-**	-	ND [0.015] SJ-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	**0.0016 [0.0002] JS+, JD, SJ-**	-	0.00072 [0.0002] JS+, JD, SJ-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	**0.021 [0.0004] JS+, SJ-**	-	**0.018 [0.0004] JS+, SJ-**	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
WG = groundwater sample
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			Location Sample ID QC	11FWAMW32- 11FWAMW32-GWS Primary	11FWAMW32- 11FWAMW32-GWS Primary	11FWAMW33- 11FWAMW33-GWS Primary	11FWAMW33- 11FWAMW33-GWS Primary	11FWAMW35- 11FWAMW35-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.11 [0.098] JL-	-	**6.7 [0.094] JL-**	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.15 [0.098]	-	**1.1 [0.094]**	-
SW6020	Arsenic	0.01	mg/L	-	ND [0.005]	-	**0.026 [0.005]**	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0016]	-	ND [0.015]	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	**0.0025 [0.0002] JS+**	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.0004]	-	**0.012 [0.0004] JS+**	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
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			Location Sample ID QC	11FWAMW36- 11FWAMW36-GWS Primary	11FWAMW36- 11FWAMW36-GWS Primary	11FWAMW37- 11FWAMW37-GWS Primary	11FWAMW56- 11FWAMW56-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**				
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.052 [0.1] J	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.13 [0.1]	-	-
SW6020	Arsenic	0.01	mg/L	-	0.004 [0.005] J	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	ND [0.00019] SJ-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.00039]	-	-	ND [0.00039] SJ-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

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			Location Sample ID QC	11FWAMW56- 11FWAMW56-GWS Primary	11FWAMW58- 11FWAMW58-GWS Primary	11FWAMW61- 11FWAMW61-GWS Primary	11FWAMW61- 11FWAMW61-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**				
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.11 [0.098] JL-, SJ-	-	-	0.07 [0.098] J, JL-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.079 [0.098] J, SJ-	-	-	0.1 [0.098]
SW6020	Arsenic	0.01	mg/L	**0.016 [0.005] SJ-**	-	-	**0.012 [0.005]**
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002] SJ-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0014] SJ-	-	-	ND [0.0016]
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0002]	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.0004]	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

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			Location Sample ID QC	11FWAMW80- 11FWAMW80-GWS Primary	11FWAMW80- 11FWAMW80-GWS Primary	11FWAMW82- 11FWAMW82-GWS Primary	11FWAMW83- 11FWAMW83-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**				
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.029 [0.1] J, JL-	0.16 [0.096]	0.39 [0.11]
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.07 [0.1] J	0.16 [0.096]	0.23 [0.11]
SW6020	Arsenic	0.01	mg/L	-	**0.012 [0.005]**	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002]	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.0004]	-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
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			Location Sample ID QC	11FWAMW84- 11FWAMW84-GWS Primary	11FWAMW85- 11FWAMW85-GWBS Duplicate	11FWAMW85- 11FWAMW85-GWS Primary	11FWAMW86- 11FWAMW86-GWS Primary	11FWAMW87- 11FWAMW87-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.084 [0.11] J	0.066 [0.095] J	0.05 [0.098] J	0.039 [0.11] J	0.027 [0.11] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.2 [0.11]	0.13 [0.095]	0.096 [0.098] J	0.09 [0.11] J	0.067 [0.11] J
SW6020	Arsenic	0.01	mg/L	-	-	-	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	-	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

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			Location Sample ID QC	11FWAMW88- 11FWAMW88-GWS Primary	11FWAMW89- 11FWAMW89-GWS Primary	11FWAMW90- 11FWAMW90-GWS Primary	MW03 11FWAMW03-GWBS Duplicate	MW03 11FWAMW03-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.03 [0.11] J	0.059 [0.11] J	0.071 [0.096] J	-	0.086 [0.094] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.095 [0.11] J	0.096 [0.11] J	0.19 [0.096]	-	0.18 [0.094]
SW6020	Arsenic	0.01	mg/L	-	-	-	-	**0.024 [0.005]**
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002]	ND [0.0002]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	-	-	**0.031 [0.015]**
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-

Notes:
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			Location	MW03	MW06A	MW06A	MW06A
			Sample ID	11FWAMW03-GWS	11FWAMW06A-GWS	11FWAMW06A-GWS	11FWAMW06A-GWS
			QC	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**				
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	-	**3.2 [0.098]**	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	-	0.58 [0.098]	-
SW6020	Arsenic	0.01	mg/L	-	-	0.008 [0.005]	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	0.0035 [0.0015]	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	**0.0022 [0.00019]**	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.00039]	-	-

Notes:

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			Location	MW08	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW08-GWS	11FWAMW12-GWBS	11FWAMW12-GWS
			QC	Primary	Primary	Primary	Duplicate	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.076 [0.096] J	-	**9.5 [0.49]**	**9.8 [0.49]**
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.15 [0.096]	-	**1.3 [0.098]**	**1.3 [0.098]**
SW6020	Arsenic	0.01	mg/L	-	ND [0.005]	-	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] JH	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.00039] JH	-	-	-	-

Notes:

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			Location Sample ID QC	MW13 11FWAMW13-GWS Primary	MW13 11FWAMW13-GWS Primary	MW26 11FWAMW26-GWS Primary	MW26 11FWAMW26-GWS Primary	MW26 11FWAMW26-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.078 [0.097] J	-	-	0.063 [0.096] J, JTE	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.18 [0.097]	-	-	0.098 [0.096] JTE	-
SW6020	Arsenic	0.01	mg/L	ND [0.005]	-	-	ND [0.005]	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	-	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	**0.012 [0.0074]**	-	-	ND [0.0015] JTE	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.00019] JTE	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.00037] JTE	-	-

Notes:

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			Location	MW32	MW33	MW35	MW35	MW37
			Sample ID	11FWAMW32-GWS	11FWAMW33-GWS	11FWAMW35-GWS	11FWAMW35-GWS	11FWAMW37-GWS
			QC	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	-	-	0.14 [0.097]	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	-	-	0.22 [0.097]	-
SW6020	Arsenic	0.01	mg/L	-	-	-	ND [0.005]	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002]	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	-	ND [0.0015]	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0002] JS-	-	ND [0.0002]
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.0004] JS-	-	0.00061 [0.00039]

Notes:

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			Location Sample ID QC	MW37 11FWAMW37-GWS Primary	MW38 11FWAMW38-GWS Primary	MW38 11FWAMW38-GWS Primary	MW39 11FWAMW39-GWBS Duplicate	MW39 11FWAMW39-GWBS Duplicate
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.4 [0.1]	-	0.1 [0.1]	-	0.056 [0.099] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.23 [0.1]	-	0.21 [0.1]	-	0.11 [0.099]
SW6020	Arsenic	0.01	mg/L	ND [0.005]	-	0.0089 [0.005]	-	0.0065 [0.005]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002]	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	0.0021 [0.0015]	-	ND [0.0015]	-	ND [0.0015]
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002] JS-	-	ND [0.0002] JH, JS-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.0004] JS-	-	ND [0.0004] JH, JS-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

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			Location Sample ID QC	MW39 11FWAMW39-GWS Primary	MW39 11FWAMW39-GWS Primary	MW40 11FWAMW40-GWS Primary	MW40 11FWAMW40-GWS Primary	MW43 11FWAMW43-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.052 [0.098] J, JM-	-	0.068 [0.098] J	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.1 [0.098]	-	0.14 [0.098]	-
SW6020	Arsenic	0.01	mg/L	-	0.0064 [0.005]	-	**0.012 [0.005]**	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	ND [0.0015]	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] JH	-	ND [0.0002] JH	-	ND [0.00019]
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.00039] JH	-	ND [0.00039] JH	-	ND [0.00038]

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

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			Location Sample ID QC	MW43 11FWAMW43-GWS Primary	MW43 11FWAMW43-GWS Primary	MW45 11FWAMW45-GWS Primary	MW45 11FWAMW45-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**				
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.09 [0.1] J	-	-	0.071 [0.1] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.19 [0.1]	-	-	0.16 [0.1]
SW6020	Arsenic	0.01	mg/L	0.0098 [0.005]	-	-	0.0094 [0.005]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	-	ND [0.0015]
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0002] JS-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.00039] JS-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

WG = groundwater sample

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[ ] = limit of quantitation

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			Location	MW47	MW47	MW47	MW48	MW48
			Sample ID	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW47-GWS	11FWAMW48-GWS	11FWAMW48-GWS
			QC	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.096 [0.11] R	-	-	0.078 [0.095] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.18 [0.11] R	-	-	0.18 [0.095]
SW6020	Arsenic	0.01	mg/L	-	ND [0.005] R	-	-	ND [0.005]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002] R	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015] R	-	-	ND [0.0015]
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] R	-	-	ND [0.0002]	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.0004] R	-	-	ND [0.00039]	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

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			Location Sample ID QC	MW53 11FWAMW53-GWS Primary	MW53 11FWAMW53-GWS Primary	MW56 11FWAMW56-GWS Primary	MW57 11FWAMW57-GWS Primary	MW57 11FWAMW57-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.06 [0.1] J	-	-	0.057 [0.1] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.13 [0.1]	-	-	0.12 [0.1]
SW6020	Arsenic	0.01	mg/L	-	ND [0.005]	-	-	ND [0.005]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	ND [0.0002] SJ-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	-	0.001 [0.0015] J
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] JS-	-	-	ND [0.0002] JH, JS-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.00039] JL-, JS-	-	-	ND [0.0004] JH, JS-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

FCS 2011 Groundwater Monitoring After-Action Report
Spring 2011 Sample Result Exceedances

			Location Sample ID QC	MW57 11FWAMW57-GWS Primary	MW58 11FWAMW58-GWS Primary	MW58 11FWAMW58-GWS Primary	MW61 11FWAMW61-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**				
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	-	**2.2 [0.096] SJ-**	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	-	0.52 [0.096] SJ-	-
SW6020	Arsenic	0.01	mg/L	-	-	0.0088 [0.005] SJ-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	0.00098 [0.0015] J, SJ-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002] SJ-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.0004] SJ-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
bold = exceeds ADEC Cleanup Level

FCS 2011 Groundwater Monitoring After-Action Report
Spring 2011 Sample Result Exceedances

			Location	MW62	MW62	MW64	MW64	MW64
			Sample ID	11FWA-TAKU-MW62	11FWA-TAKU-MW62D	11FWAMW64-GWBS	11FWAMW64-GWBS	11FWAMW64-GWS
			QC	Primary	Duplciate	Duplicate	Duplicate	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.22 [0.097]	0.23 [0.098]	-	0.14 [0.1]	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.24 [0.097] B	0.25 [0.098] B	-	0.19 [0.1]	-
SW6020	Arsenic	0.01	mg/L	-	-	-	**0.011 [0.005]**	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.015]	ND [0.015]	-	ND [0.0015]	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0002] JS-	-	ND [0.0002] JS-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.0004] JS-	-	ND [0.0004] JS-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

FCS 2011 Groundwater Monitoring After-Action Report
Spring 2011 Sample Result Exceedances

			Location Sample ID QC	MW64 11FWAMW64-GWS Primary	MW69 11FWAMW69-GWS Primary	MW69 11FWAMW69-GWS Primary	MW70 11FWAMW70-GWS Primary	MW70 11FWAMW70-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.14 [0.096]	-	0.046 [0.1] J	-	0.058 [0.095] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.18 [0.096]	-	0.093 [0.1] J	-	0.12 [0.095]
SW6020	Arsenic	0.01	mg/L	**0.011 [0.005]**	-	0.007 [0.005]	-	ND [0.005]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	ND [0.0015]	-	ND [0.0015]
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	ND [0.0002]	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.00039] JL-	-	ND [0.00039] JL-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

FCS 2011 Groundwater Monitoring After-Action Report
Spring 2011 Sample Result Exceedances

			Location Sample ID QC	MW76 11FWAMW76-GWS Primary	MW77 11FWAMW77-GWS Primary	MW77 11FWAMW77-GWS Primary	MW78 11FWAMW78-GWS Primary	MW78 11FWAMW78-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.12 [0.11]	-	**1.6 [0.1]**	-	0.044 [0.098] R
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.25 [0.11]	-	0.71 [0.1]	-	0.091 [0.098] R
SW6020	Arsenic	0.01	mg/L	**0.014 [0.005]**	-	ND [0.005]	-	0.014 [0.005] R
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002] R
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	ND [0.0016]	-	ND [0.0015] R
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.00019]	-	ND [0.0002] R	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.00039]	-	ND [0.00039] R	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
bold = exceeds ADEC Cleanup Level

FCS 2011 Groundwater Monitoring After-Action Report
Spring 2011 Sample Result Exceedances

			Location Sample ID QC	MW79 11FWAMW79-GWS Primary	MW79 11FWAMW79-GWS Primary	MW80 11FWAMW80-GWS Primary	MW81 11FWAMW81-GWS Primary	MW91 11FWAMW91-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.1 [0.098]	-	0.095 [0.097] J	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.19 [0.098]	-	0.21 [0.097]	-
SW6020	Arsenic	0.01	mg/L	-	**0.018 [0.005]**	-	0.01 [0.005]	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	**0.00034 [0.0002]**	ND [0.0002]	ND [0.0002]	ND [0.0002] R
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	ND [0.0015]	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] JH, JS-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.0004] JH, JS-	-	-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

FCS 2011 Groundwater Monitoring After-Action Report
Spring 2011 Sample Result Exceedances

			Location Sample ID QC	MW92 11FWAMW92-GWS Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**	
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-
SW6020	Arsenic	0.01	mg/L	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002] R
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

FCS 2011 Groundwater Monitoring After-Action Report
Fall 2011 Sampling Event

			Location	11FWAMW28-	MW003	MW03B	MW03B	MW06A	MW06A	MW06A	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW28-GWF	11FWAMW03-GWF	11FWAMW03-GWBF	11FWAMW03-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW08-GWF	11FWAMW08-GWF	11FWAMW12-GWF	11FWAMW12-GWF
			Laboratory Sample ID	29142-6	29181-7	29203-8	29203-14	29142-14	29142-14	29175-8	29142-8	29142-8	29142-9	29142-9
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/5/2011	10/4/11	10/4/2011	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
			QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**											
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	0.018 [0.05] J, B	-	-	0.025 [0.05] J, B, SJ-	-	-	0.054 [0.05]	-	0.021 [0.05] J, B	-	0.076 [0.05] B, SJ-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.028 [0.098] J, SJ-	-	-	-	**5.2 [0.1] JS+**	-	-	0.13 [0.1]	-	**12 [0.2] SJ-**
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.031 [0.098] J, SJ-	-	-	-	0.51 [0.1] JS+	-	-	0.12 [0.1]	-	**1.3 [0.098] SJ-**
SW6010B	Aluminum		mg/L	-	ND [1] SJ-	-	-	-	ND [1]	-	-	ND [1]	-	0.43 [1] J, SJ-
SW6010B	Boron		mg/L	-	ND [2.5] SJ-	-	-	-	ND [2.5]	-	-	ND [2.5]	-	ND [2.5] SJ-
SW6010B	Calcium		mg/L	-	71 [1.1] SJ-	-	-	-	72 [1.1]	-	-	78 [1.1]	-	78 [1.1] SJ-
SW6010B	Iron		mg/L	-	12 [0.2] SJ-	-	-	-	16 [0.2]	-	-	0.057 [0.2] J, B	-	18 [0.2] SJ-
SW6010B	Magnesium		mg/L	-	20 [1.1] SJ-	-	-	-	17 [1.1]	-	-	24 [1.1]	-	20 [1.1] SJ-
SW6010B	Potassium		mg/L	-	4.4 [3.3] SJ-	-	-	-	4.6 [3.3]	-	-	4.7 [3.3]	-	5.3 [3.3] SJ-
SW6010B	Sodium		mg/L	-	5.1 [2] SJ-	-	-	-	5.3 [2]	-	-	8.6 [2]	-	5.4 [2] SJ-
SW6020	Antimony	0.006	mg/L	-	ND [0.002] SJ-	-	-	-	ND [0.002]	-	-	0.00042 [0.002] J	-	ND [0.002] SJ-
SW6020	Arsenic	0.01	mg/L	-	**0.03 [0.005] SJ-**	-	-	-	0.0074 [0.005]	-	-	ND [0.005]	-	0.0095 [0.005] SJ-
SW6020	Barium	2	mg/L	-	0.15 [0.006] SJ-	-	-	-	0.27 [0.006]	-	-	0.11 [0.006]	-	0.23 [0.006] SJ-
SW6020	Beryllium	0.004	mg/L	-	ND [0.002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002] SJ-
SW6020	Cadmium	0.005	mg/L	-	ND [0.002] SJ-	-	-	-	ND [0.002]	-	-	0.00017 [0.002] J	-	ND [0.002] SJ-
SW6020	Chromium	0.1	mg/L	-	ND [0.002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002] SJ-
SW6020	Cobalt		mg/L	-	0.0012 [0.002] J, SJ-	-	-	-	ND [0.002]	-	-	0.00083 [0.002] J	-	0.00076 [0.002] J, SJ-
SW6020	Copper	1	mg/L	-	ND [0.005] SJ-	-	-	-	ND [0.005]	-	-	0.0028 [0.005] J	-	0.0026 [0.005] J, SJ-
SW6020	Lead	0.015	mg/L	-	ND [0.002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.002]	-	0.00071 [0.002] J, SJ-
SW6020	Manganese		mg/L	-	0.69 [0.002] SJ-	-	-	-	1.2 [0.002]	-	-	0.009 [0.002]	-	1.4 [0.002] SJ-
SW6020	Nickel	0.1	mg/L	-	0.0022 [0.015] J, SJ-	-	-	-	ND [0.015]	-	-	0.008 [0.015] J	-	ND [0.015] SJ-
SW6020	Selenium	0.05	mg/L	-	ND [0.005] SJ-	-	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005] SJ-
SW6020	Silver	0.1	mg/L	-	ND [0.002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002] SJ-
SW6020	Thallium	0.002	mg/L	-	ND [0.005] SJ-	-	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005] SJ-
SW6020	Vanadium	0.26	mg/L	-	ND [0.01] SJ-	-	-	-	ND [0.01]	-	-	ND [0.01]	-	0.0055 [0.01] J, SJ-
SW6020	Zinc	5	mg/L	-	ND [0.007] SJ-	-	-	-	ND [0.007]	-	-	ND [0.007]	-	ND [0.007] SJ-
SW7470A	Mercury	0.002	mg/L	-	0.00014 [0.0002] J, SJ-	-	-	-	0.00013 [0.0002] J	-	-	ND [0.0002]	-	0.00032 [0.0002] JD, SJ-
SW8081	4,4'-DDD		mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	4,4'-DDT	0.0025	mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	Aldrin	0.00005	mg/L	-	ND [0.0000096] SJ-	-	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000097] SJ-
SW8081	alpha-BHC	0.00014	mg/L	-	ND [0.0000096] SJ-	-	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000097] SJ-
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.0000096] SJ-	-	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000097] SJ-
SW8081	beta-BHC	0.00047	mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	delta-BHC		mg/L	-	ND [0.0000096] SJ-	-	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000097] SJ-
SW8081	Dieldrin	0.000053	mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	Endosulfan I		mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	Endosulfan II		mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	Endosulfan sulfate		mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	Endrin	0.002	mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	Endrin aldehyde		mg/L	-	ND [0.000048] SJ-	-	-	-	ND [0.000048]	-	-	ND [0.000049]	-	ND [0.000049] SJ-
SW8081	Endrin ketone		mg/L	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019] SJ-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	ND [0.0000096] SJ-	-	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000097] SJ-
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.0000096] SJ-	-	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000097] SJ-
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.0000096] SJ-	-	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000097] SJ-
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.0000096] SJ-	-	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000097] SJ-

			Location	11FWAMW28-	MW003	MW03B	MW03B	MW06A	MW06A	MW06A	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW28-GWF	11FWAMW03-GWF	11FWAMW03-GWBF	11FWAMW03-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW08-GWF	11FWAMW08-GWF	11FWAMW12-GWF	11FWAMW12-GWF
			Laboratory Sample ID	29142-6	29181-7	29203-8	29203-14	29142-14	29142-14	29175-8	29142-8	29142-8	29142-9	29142-9
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/5/2011	10/4/11	10/4/2011	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
			QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**											
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.000096] SJ-	-	-	-	ND [0.000095]	-	-	ND [0.000098]	-	ND [0.000097] SJ-
SW8081	Toxaphene	0.003	mg/L	-	ND [0.00096] SJ-	-	-	-	ND [0.00095]	-	-	ND [0.00098]	-	ND [0.00097] SJ-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	ND [0.00048] SJ-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	ND [0.00048] SJ-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	ND [0.00048] SJ-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	ND [0.00048] SJ-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	ND [0.00048] SJ-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	ND [0.00048] SJ-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	ND [0.00048] SJ-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00028] SJ-	-	-	-	ND [0.00026]	-	-	ND [0.00024]	-	ND [0.00026] SJ-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00028] SJ-	-	-	-	ND [0.00026]	-	-	ND [0.00024]	-	ND [0.00026] SJ-
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00028] SJ-	-	-	-	ND [0.00026]	-	-	ND [0.00024]	-	ND [0.00026] SJ-
SW8151A	2,4-DB		mg/L	-	ND [0.00028] SJ-	-	-	-	ND [0.00026]	-	-	ND [0.00024]	-	ND [0.00026] SJ-
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00028] SJ-	-	-	-	ND [0.00026]	-	-	ND [0.00024]	-	ND [0.00026] SJ-
SW8151A	Dalapon		mg/L	-	ND [0.00045] SJ-	-	-	-	ND [0.00041]	-	-	ND [0.00039]	-	ND [0.00042] SJ-
SW8151A	Dicamba		mg/L	-	ND [0.00028] SJ-	-	-	-	ND [0.00026]	-	-	ND [0.00024]	-	ND [0.00026] SJ-
SW8151A	Dichlorprop		mg/L	-	ND [0.00028] SJ-	-	-	-	ND [0.00026]	-	-	ND [0.00024]	-	ND [0.00026] SJ-
SW8151A	Dinoseb		mg/L	-	ND [0.00028] SJ-	-	-	-	ND [0.00026]	-	-	0.00095 [0.00024]	-	ND [0.00026] SJ-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,1-Dichloropropene		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E*	-	-	*ND [0.001] E, SJ-*	-	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E, SJ-*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002]	-	-	ND [0.002] JH, SJ-	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] SJ-
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E*	-	-	*ND [0.001] E, SJ-*	-	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E, SJ-*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	0.0005 [0.001] J	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,3-Dichloropropane		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	2,2-Dichloropropane		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	2-Butanone	22	mg/L	ND [0.01]	-	-	ND [0.01] SJ-	-	-	ND [0.01]	-	ND [0.01]	-	0.0027 [0.01] J, SJ-
SW8260	2-Chlorotoluene		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	2-Hexanone		mg/L	ND [0.005]	-	-	ND [0.005] SJ-	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-
SW8260	4-Chlorotoluene		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	4-Isopropyltoluene		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	0.00031 [0.001] J	-	ND [0.001]	-	0.00039 [0.001] J, SJ-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005]	-	-	ND [0.005] SJ-	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-
SW8260	Acetone	33	mg/L	ND [0.01]	-	-	ND [0.01] JH, SJ-	-	-	ND [0.01] JL-	-	ND [0.01]	-	ND [0.01] SJ-
SW8260	Benzene	0.005	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Bromobenzene		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Bromochloromethane		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Bromoform	0.11	mg/L	ND [0.001] JL-	-	-	ND [0.001] JH, SJ-	-	-	ND [0.001] JL-	-	ND [0.001] JL-	-	ND [0.001] JL-, SJ-
SW8260	Bromomethane	0.051	mg/L	ND [0.005]	-	-	ND [0.005] JH, SJ-	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Chloroethane	0.29	mg/L	ND [0.005]	-	-	ND [0.005] SJ-	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-

			Location	11FWAMW28-	MW003	MW03B	MW03B	MW06A	MW06A	MW06A	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW28-GWF	11FWAMW03-GWF	11FWAMW03-GWBF	11FWAMW03-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW08-GWF	11FWAMW08-GWF	11FWAMW12-GWF	11FWAMW12-GWF
			Laboratory Sample ID	29142-6	29181-7	29203-8	29203-14	29142-14	29142-14	29175-8	29142-8	29142-8	29142-9	29142-9
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/5/2011	10/4/11	10/4/2011	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
			QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8260	Chloroform	0.14	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Chloromethane	0.066	mg/L	ND [0.005]	-	-	ND [0.005] JH, SJ-	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Dibromomethane		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	0.00017 [0.001] J	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Methylene chloride	0.005	mg/L	ND [0.003]	-	-	ND [0.003] SJ-	-	-	ND [0.003]	-	ND [0.003]	-	ND [0.003] SJ-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Naphthalene	0.73	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	o-Xylene	10	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	0.00029 [0.001] J	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Styrene	0.1	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	0.00018 [0.001] J, SJ-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001]	-	-	ND [0.001] JC-, SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Toluene	1	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Trichloroethene (TCE)	0.005	mg/L	ND [0.001]	-	-	ND [0.001] SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001]	-	-	ND [0.001] JH, SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001]	-	-	ND [0.001] JH, SJ-	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002]	-	-	ND [0.002] SJ-	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] SJ-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004] SJ-
SW8260B	1,1-Dichloroethene	0.007	mg/L	0.0013 [0.0007]	-	-	0.00054 [0.0007] J, SJ-	-	-	0.0005 [0.0007] J	-	ND [0.0007]	-	0.0035 [0.0007] SJ-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	ND [0.0002]	-	0.000057 [0.0002] J	-	ND [0.0002] SJ-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001]	-	-	ND [0.0001] SJ-	-	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001] SJ-
SW8260B	1,2-Dichloroethane	0.005	mg/L	0.000074 [0.0005] J	-	-	ND [0.0005] SJ-	-	-	0.000054 [0.0005] J, B	-	ND [0.0005]	-	0.000073 [0.0005] J, SJ-
SW8260B	Benzene	0.005	mg/L	ND [0.0005]	-	-	ND [0.0005] SJ-	-	-	0.000026 [0.0005] J, B	-	ND [0.0005]	-	ND [0.0005] SJ-
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005]	-	-	ND [0.0005] SJ-	-	-	ND [0.0005]	-	ND [0.0005]	-	0.000035 [0.0005] J, B, SJ-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	0.000034 [0.0005] J, B	-	-	ND [0.0005] SJ-	-	-	ND [0.0005]	-	0.000036 [0.0005] J, B	-	0.000035 [0.0005] J, B, SJ-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	ND [0.0005]	-	-	ND [0.0005] SJ-	-	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005] SJ-
SW8260B	Vinyl chloride	0.002	mg/L	0.00016 [0.0002] J	-	-	0.000098 [0.0002] J, B, SJ-	-	-	0.0001 [0.0002] J, B	-	ND [0.0002]	-	0.00019 [0.0002] J, SJ-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.0003] SJ-	-	-	-	ND [0.0029]	-	-	ND [0.0003]	-	ND [0.0031] SJ-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	0.00011 [0.0002] J	-	ND [0.0021] SJ-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.001] SJ-	-	-	-	ND [0.0098]	-	-	ND [0.001]	-	ND [0.01] SJ-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.0025] SJ-	-	-	-	ND [0.025]	-	-	ND [0.0025]	-	ND [0.026] SJ-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.00003] SJ-	-	-	-	ND [0.00029]	-	-	ND [0.00003]	-	ND [0.00031] SJ-
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.002] SJ-	-	-	-	ND [0.02]	-	-	ND [0.002]	-	ND [0.021] SJ-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.0001] SJ-	-	-	-	ND [0.00098]	-	-	ND [0.0001]	-	0.00013 [0.001] J, SJ-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	0.00089 [0.0021] J, SJ-
SW8270	2-Nitroaniline		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	2-Nitrophenol		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.001] SJ-	-	-	-	ND [0.0098]	-	-	ND [0.001]	-	ND [0.01] SJ-

			Location	11FWAMW28-	MW003	MW03B	MW03B	MW06A	MW06A	MW06A	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW28-GWF	11FWAMW03-GWF	11FWAMW03-GWBF	11FWAMW03-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW08-GWF	11FWAMW08-GWF	11FWAMW12-GWF	11FWAMW12-GWF
			Laboratory Sample ID	29142-6	29181-7	29203-8	29203-14	29142-14	29142-14	29175-8	29142-8	29142-8	29142-9	29142-9
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/5/2011	10/4/11	10/4/2011	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
			QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.0004] SJ-	-	-	-	ND [0.0039]	-	-	ND [0.0004]	-	ND [0.0042] SJ-
SW8270	3-Nitroaniline		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	4-Nitroaniline		mg/L	-	ND [0.0003] SJ-	-	-	-	ND [0.0029]	-	-	ND [0.0003]	-	ND [0.0031] SJ-
SW8270	4-Nitrophenol		mg/L	-	ND [0.001] SJ-	-	-	-	ND [0.0098]	-	-	ND [0.001]	-	ND [0.01] SJ-
SW8270	Acenaphthene	2.2	mg/L	-	ND [0.00005] SJ-	-	-	-	0.00037 [0.00049] J	-	-	ND [0.00005]	-	ND [0.00052] SJ-
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.00004] SJ-	-	-	-	ND [0.00039]	-	-	ND [0.00004]	-	ND [0.00042] SJ-
SW8270	Anthracene	11	mg/L	-	ND [0.00002] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00002]	-	ND [0.00021] SJ-
SW8270	Azobenzene		mg/L	-	ND [0.0005] SJ-	-	-	-	ND [0.0049]	-	-	ND [0.0005]	-	ND [0.0052] SJ-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00003] SJ-	-	-	-	ND [0.00029]	-	-	ND [0.00003]	-	ND [0.00031] SJ-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00002]	-	ND [0.00021] SJ-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00004] SJ-	-	-	-	ND [0.00039]	-	-	ND [0.00004]	-	ND [0.00042] SJ-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00003] SJ-	-	-	-	ND [0.00029]	-	-	ND [0.00003]	-	ND [0.00031] SJ-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00003] SJ-	-	-	-	ND [0.00029]	-	-	ND [0.00003]	-	ND [0.00031] SJ-
SW8270	Benzoic acid	150	mg/L	-	ND [0.001] SJ-	-	-	-	ND [0.0098]	-	-	0.00059 [0.001] J,B	-	ND [0.01] SJ-
SW8270	Benzyl alcohol		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	0.00011 [0.0003] J, SJ-	-	-	-	ND [0.0029]	-	-	ND [0.0003]	-	ND [0.0031] SJ-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	ND [0.0002] SJ-	-	-	-	*ND [0.002] E*	-	-	ND [0.0002]	-	*ND [0.0021] E, SJ-*
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015] SJ-	-	-	-	*ND [0.015] E*	-	-	ND [0.0015]	-	*ND [0.016] E, SJ-*
SW8270	Carbazole	0.043	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Chrysene	0.12	mg/L	-	ND [0.00002] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00002]	-	ND [0.00021] SJ-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.00003] SJ-	-	-	-	*ND [0.00029] E*	-	-	ND [0.00003]	-	*ND [0.00031] E, SJ-*
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Diethyl phthalate	29	mg/L	-	0.000079 [0.0002] J, SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	0.00011 [0.0002] J, B, SJ-	-	-	-	ND [0.002]	-	-	0.000074 [0.0002] J,B	-	ND [0.0021] SJ-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.000025] SJ-	-	-	-	ND [0.00025]	-	-	ND [0.000025]	-	ND [0.00026] SJ-
SW8270	Fluorene	1.5	mg/L	-	ND [0.00003] SJ-	-	-	-	0.00066 [0.00029]	-	-	ND [0.00003]	-	ND [0.00031] SJ-
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.0003] SJ-	-	-	-	ND [0.0029]	-	-	ND [0.0003]	-	ND [0.0031] SJ-
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.0003] SJ-	-	-	-	ND [0.0029]	-	-	ND [0.0003]	-	ND [0.0031] SJ-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00003] SJ-	-	-	-	ND [0.00029]	-	-	ND [0.00003]	-	ND [0.00031] SJ-
SW8270	Isophorone	0.9	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Naphthalene	0.73	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	*ND [0.001] E, SJ-*	-	-	-	*ND [0.0098] E*	-	-	*ND [0.001] E*	-	*ND [0.01] E, SJ-*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	ND [0.0002] SJ-	-	-	-	*ND [0.002] E*	-	-	ND [0.0002]	-	*ND [0.0021] E, SJ-*
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0021] SJ-
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.00035] SJ-	-	-	-	ND [0.0034]	-	-	ND [0.00035]	-	ND [0.0036] SJ-
SW8270	Phenanthrene	11	mg/L	-	0.000015 [0.00004] J, B, SJ-	-	-	-	ND [0.00039]	-	-	ND [0.00004]	-	ND [0.00042] SJ-
SW8270	Phenol	11	mg/L	-	ND [0.0003] SJ-	-	-	-	ND [0.0029]	-	-	ND [0.0003]	-	ND [0.0031] SJ-
SW8270	Pyrene	1.1	mg/L	-	ND [0.00003] SJ-	-	-	-	ND [0.00029]	-	-	ND [0.00003]	-	ND [0.00031] SJ-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	ND [0.000013] SJ-	-	-	-	0.00028 [0.00025]	-	-	ND [0.000013]	-	0.00043 [0.00014] SJ-
8270SIM	Acenaphthene	2.2	mg/L	-	ND [0.00001] SJ-	-	-	-	0.00031 [0.0002]	-	-	ND [0.00001]	-	0.00015 [0.0001] SJ-
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.00001] SJ-	-	-	-	0.000065 [0.0002] J	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Anthracene	11	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002] SJ-	-	-	-	ND [0.00039]	-	-	ND [0.00002]	-	ND [0.00021] SJ-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	ND [0.0001] SJ-

			Location	11FWAMW28-	MW003	MW03B	MW03B	MW06A	MW06A	MW06A	MW08	MW08	MW12	MW12
			Sample ID	11FWAMW28-GWF	11FWAMW03-GWF	11FWAMW03-GWBF	11FWAMW03-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW08-GWF	11FWAMW08-GWF	11FWAMW12-GWF	11FWAMW12-GWF
			Laboratory Sample ID	29142-6	29181-7	29203-8	29203-14	29142-14	29142-14	29175-8	29142-8	29142-8	29142-9	29142-9
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/5/2011	10/4/11	10/4/2011	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
			QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**											
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Chrysene	0.12	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Fluoranthene	1.5	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	0.000084 [0.0001] J, SJ-
8270SIM	Fluorene	1.5	mg/L	-	ND [0.00001] SJ-	-	-	-	0.00044 [0.0002]	-	-	ND [0.00001]	-	0.00019 [0.0001] SJ-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Naphthalene	0.73	mg/L	-	ND [0.00001] SJ-	-	-	-	0.00035 [0.0002]	-	-	ND [0.00001]	-	0.00034 [0.0001] JD, SJ-
8270SIM	Phenanthrene	11	mg/L	-	ND [0.00001] SJ-	-	-	-	0.00011 [0.0002] J	-	-	ND [0.00001]	-	ND [0.0001] SJ-
8270SIM	Pyrene	1.1	mg/L	-	ND [0.00001] SJ-	-	-	-	ND [0.0002]	-	-	ND [0.00001]	-	0.000044 [0.0001] J, SJ-
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	ND [0.00098] JS-	-	-	ND [0.00099]	-	ND [0.0099] SJ-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	ND [0.00039]	-	-	ND [0.0004]	-	ND [0.004] SJ-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	ND [0.00039]	-	-	ND [0.0004]	-	ND [0.004] SJ-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	ND [0.00039]	-	-	ND [0.0004]	-	*ND [0.004] E, SJ-*	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	ND [0.0002]	-	-	ND [0.0002]	-	*ND [0.002] E, SJ-*	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.002] SJ-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	ND [0.0002]	-	-	ND [0.0002]	-	**0.0093 [0.002] SJ-**	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.002] SJ-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	ND [0.0002] JS-	-	-	ND [0.0002]	-	ND [0.002] SJ-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	-	-	-	ND [0.00039]	-	-	ND [0.0004]	-	ND [0.004] SJ-	-
SW8330	Nitrobenzene	0.018	mg/L	-	-	-	-	ND [0.00039] JS-	-	-	ND [0.0004]	-	0.0061 [0.004] SJ-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	ND [0.00039]	-	-	ND [0.0004]	-	ND [0.004] SJ-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	ND [0.00039]	-	-	ND [0.0004]	-	ND [0.004] SJ-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	-	-	-	ND [0.00098]	-	-	ND [0.00099]	-	ND [0.0099] SJ-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW12B	MW12B	MW13	MW13	MW26	MW26	MW26	MW28	MW28	MW32	MW32
			Sample ID	11FWAMW12-GWBF	11FWAMW12-GWBF	11FWAMW13-GWF	11FWAMW13-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW28-GWF	11FWAMW28-GWF	11FWAMW32-GWF	11FWAMW32-GWF
			Laboratory Sample ID	29142-10	29142-10	29175-3	29181-4	29175-22	29181-3	29181-3	29125-3	29125-3	29175-10	29175-10
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	0.089 [0.05] B, SJ-	ND [0.05] SJ-	-	ND [0.05] SJ-	-	-	-	-	-	ND [0.05] SJ-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	**13 [0.2] SJ-**	-	0.068 [0.098] J, SJ-	-	-	0.034 [0.096] J, SJ-	-	0.15 [0.098] SJ-	-	0.58 [0.1] SJ-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	**1.3 [0.098] SJ-**	-	0.08 [0.098] J, SJ-	-	-	0.033 [0.096] J, SJ-	-	0.11 [0.098] SJ-	-	0.35 [0.1] SJ-
SW6010B	Aluminum		mg/L	-	ND [1] SJ-	-	ND [1] SJ-	-	-	ND [1] SJ-	-	ND [1] SJ-	-	ND [1] SJ-
SW6010B	Boron		mg/L	-	ND [2.5] SJ-	-	ND [2.5] SJ-	-	-	ND [2.5] SJ-	-	ND [2.5] SJ-	-	ND [2.5] SJ-
SW6010B	Calcium		mg/L	-	79 [1.1] SJ-	-	140 [1.1] SJ-	-	-	110 [1.1] SJ-	-	70 [1.1] SJ-	-	96 [1.1] SJ-
SW6010B	Iron		mg/L	-	18 [0.2] SJ-	-	2.5 [0.2] SJ-	-	-	0.35 [0.2] SJ-	-	6.7 [0.2] SJ-	-	0.39 [0.2] SJ-
SW6010B	Magnesium		mg/L	-	20 [1.1] SJ-	-	21 [1.1] SJ-	-	-	24 [1.1] SJ-	-	17 [1.1] SJ-	-	27 [1.1] SJ-
SW6010B	Potassium		mg/L	-	5.5 [3.3] SJ-	-	4.1 [3.3] SJ-	-	-	6 [3.3] SJ-	-	4.7 [3.3] SJ-	-	5.2 [3.3] SJ-
SW6010B	Sodium		mg/L	-	5.5 [2] SJ-	-	4.4 [2] SJ-	-	-	4.6 [2] SJ-	-	5.1 [2] SJ-	-	5.7 [2] SJ-
SW6020	Antimony	0.006	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-	0.00048 [0.002] J, SJ-	-	ND [0.002] SJ-	-	ND [0.002] SJ-
SW6020	Arsenic	0.01	mg/L	-	0.01 [0.005] SJ-	-	ND [0.005] SJ-	-	-	ND [0.005] SJ-	-	0.0084 [0.005] SJ-	-	ND [0.005] SJ-
SW6020	Barium	2	mg/L	-	0.24 [0.006] SJ-	-	0.12 [0.006] SJ-	-	-	0.15 [0.006] SJ-	-	0.16 [0.006] SJ-	-	0.17 [0.006] SJ-
SW6020	Beryllium	0.004	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002] SJ-
SW6020	Cadmium	0.005	mg/L	-	ND [0.002] SJ-	-	0.00028 [0.002] J, SJ-	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002] SJ-
SW6020	Chromium	0.1	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002] SJ-
SW6020	Cobalt		mg/L	-	0.00084 [0.002] J, SJ-	-	0.0024 [0.002] SJ-	-	-	0.0015 [0.002] J, SJ-	-	0.00059 [0.002] J, SJ-	-	0.00069 [0.002] J, SJ-
SW6020	Copper	1	mg/L	-	0.0037 [0.005] J, SJ-	-	0.0016 [0.005] J, SJ-	-	-	0.0018 [0.005] J, SJ-	-	0.00091 [0.005] J, SJ-	-	0.0024 [0.005] J, SJ-
SW6020	Lead	0.015	mg/L	-	0.00084 [0.002] J, SJ-	-	ND [0.002] SJ-	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002] SJ-
SW6020	Manganese		mg/L	-	1.4 [0.002] SJ-	-	0.36 [0.002] SJ-	-	-	0.31 [0.002] SJ-	-	0.91 [0.002] SJ-	-	0.25 [0.002] SJ-
SW6020	Nickel	0.1	mg/L	-	0.002 [0.015] J, SJ-	-	0.0079 [0.015] J, SJ-	-	-	0.0042 [0.015] J, SJ-	-	ND [0.015] SJ-	-	0.005 [0.015] J, SJ-
SW6020	Selenium	0.05	mg/L	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-	0.0054 [0.005] SJ-	-	ND [0.005] SJ-	-	ND [0.005] SJ-
SW6020	Silver	0.1	mg/L	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	ND [0.002] SJ-
SW6020	Thallium	0.002	mg/L	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	ND [0.005] SJ-
SW6020	Vanadium	0.26	mg/L	-	0.006 [0.01] J, SJ-	-	ND [0.01] SJ-	-	-	ND [0.01] SJ-	-	ND [0.01] SJ-	-	ND [0.01] SJ-
SW6020	Zinc	5	mg/L	-	ND [0.007] SJ-	-	ND [0.007] SJ-	-	-	ND [0.007] SJ-	-	ND [0.007] SJ-	-	0.0045 [0.007] J, SJ-
SW7470A	Mercury	0.002	mg/L	-	0.0002 [0.0002] JD, SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	ND [0.0002] SJ-
SW8081	4,4'-DDD		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	4,4'-DDT	0.0025	mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	Aldrin	0.00005	mg/L	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-	-	-	ND [0.0000095] SJ-	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-
SW8081	alpha-BHC	0.00014	mg/L	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-	-	-	ND [0.0000095] SJ-	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-	-	-	ND [0.0000095] SJ-	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-
SW8081	beta-BHC	0.00047	mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	delta-BHC		mg/L	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-	-	-	ND [0.0000095] SJ-	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-
SW8081	Dieldrin	0.000053	mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	Endosulfan I		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	Endosulfan II		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	Endosulfan sulfate		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	Endrin	0.002	mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	Endrin aldehyde		mg/L	-	ND [0.000049] SJ-	-	ND [0.000048] SJ-	-	-	ND [0.000048] SJ-	-	ND [0.000049] SJ-	-	ND [0.000048] SJ-
SW8081	Endrin ketone		mg/L	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-	-	-	ND [0.0000095] SJ-	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-	-	-	ND [0.0000095] SJ-	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-	-	-	ND [0.0000095] SJ-	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-	-	-	ND [0.0000095] SJ-	-	ND [0.0000097] SJ-	-	ND [0.0000095] SJ-

			Location	MW12B	MW12B	MW13	MW13	MW26	MW26	MW26	MW28	MW28	MW32	MW32
			Sample ID	11FWAMW12-GWBF	11FWAMW12-GWBF	11FWAMW13-GWF	11FWAMW13-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW28-GWF	11FWAMW28-GWF	11FWAMW32-GWF	11FWAMW32-GWF
			Laboratory Sample ID	29142-10	29142-10	29175-3	29181-4	29175-22	29181-3	29181-3	29125-3	29125-3	29175-10	29175-10
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.000097] SJ-	-	ND [0.000095] SJ-	-	-	ND [0.000095] SJ-	-	ND [0.000097] SJ-	-	ND [0.000095] SJ-
SW8081	Toxaphene	0.003	mg/L	-	ND [0.00097] SJ-	-	ND [0.00095] SJ-	-	-	ND [0.00095] SJ-	-	ND [0.00097] SJ-	-	ND [0.00095] SJ-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	ND [0.00048] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	ND [0.00048] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	ND [0.00048] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	ND [0.00048] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	ND [0.00048] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	ND [0.00048] SJ-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	ND [0.00048] SJ-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-
SW8151A	2,4-DB		mg/L	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-
SW8151A	Dalapon		mg/L	-	ND [0.00042] SJ-	-	ND [0.00043] SJ-	-	-	ND [0.00042] SJ-	-	ND [0.00042] SJ-	-	ND [0.00044] SJ-
SW8151A	Dicamba		mg/L	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-
SW8151A	Dichlorprop		mg/L	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-
SW8151A	Dinoseb		mg/L	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	ND [0.00027] SJ-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,1-Dichloropropene		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	*ND [0.001] E, SJ-*	*ND [0.001] E, SJ-*	-	*ND [0.001] E, SJ-*	-	-	-	-	-	*ND [0.001] E, SJ-*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	ND [0.002] SJ-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-	-	-	-	ND [0.002] SJ-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	*ND [0.001] E, SJ-*	*ND [0.001] E, SJ-*	-	*ND [0.001] E, SJ-*	-	-	-	-	-	*ND [0.001] E, SJ-*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,3-Dichloropropane		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	2,2-Dichloropropane		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	2-Butanone	22	mg/L	-	0.002 [0.01] J, SJ-	ND [0.01] SJ-	-	ND [0.01] SJ-	-	-	-	-	-	ND [0.01] SJ-
SW8260	2-Chlorotoluene		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	2-Hexanone		mg/L	-	ND [0.005] SJ-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-	-	-	-	ND [0.005] SJ-
SW8260	4-Chlorotoluene		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	4-Isopropyltoluene		mg/L	-	0.00041 [0.001] J, SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	ND [0.005] SJ-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-	-	-	-	ND [0.005] SJ-
SW8260	Acetone	33	mg/L	-	ND [0.01] SJ-	ND [0.01] JL-, SJ-	-	ND [0.01] JL-, SJ-	-	-	-	-	-	ND [0.01] JL-, SJ-
SW8260	Benzene	0.005	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Bromobenzene		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Bromochloromethane		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Bromodichloromethane	0.014	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Bromoform	0.11	mg/L	-	ND [0.001] JL-, SJ-	ND [0.001] JL-, SJ-	-	ND [0.001] JL-, SJ-	-	-	-	-	-	ND [0.001] JL-, SJ-
SW8260	Bromomethane	0.051	mg/L	-	ND [0.005] SJ-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-	-	-	-	ND [0.005] SJ-
SW8260	Carbon disulfide	3.7	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Carbon tetrachloride	0.005	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Chlorobenzene	0.1	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Chloroethane	0.29	mg/L	-	ND [0.005] SJ-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-	-	-	-	ND [0.005] SJ-

			Location	MW12B	MW12B	MW13	MW13	MW26	MW26	MW26	MW28	MW28	MW32	MW32
			Sample ID	11FWAMW12-GWBF	11FWAMW12-GWBF	11FWAMW13-GWF	11FWAMW13-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW28-GWF	11FWAMW28-GWF	11FWAMW32-GWF	11FWAMW32-GWF
			Laboratory Sample ID	29142-10	29142-10	29175-3	29181-4	29175-22	29181-3	29181-3	29125-3	29125-3	29175-10	29175-10
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8260	Chloroform	0.14	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	0.00024 [0.001] J, SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Chloromethane	0.066	mg/L	-	ND [0.005] SJ-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-	-	-	-	ND [0.005] SJ-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	cis-1,3-Dichloropropene		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Dibromochloromethane	0.01	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Dibromomethane		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Ethylbenzene	0.7	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Isopropylbenzene	3.7	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Methylene chloride	0.005	mg/L	-	ND [0.003] SJ-	ND [0.003] SJ-	-	ND [0.003] SJ-	-	-	-	-	-	ND [0.003] SJ-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Naphthalene	0.73	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	n-Butylbenzene	0.37	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	n-Propylbenzene	0.37	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	o-Xylene	10	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	sec-Butylbenzene	0.37	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Styrene	0.1	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	tert-Butylbenzene	0.37	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Toluene	1	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	trans-1,3-Dichloropropene		mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Trichlorofluoromethane	11	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Vinyl chloride	0.002	mg/L	-	ND [0.001] SJ-	ND [0.001] SJ-	-	ND [0.001] SJ-	-	-	-	-	-	ND [0.001] SJ-
SW8260	Xylene, Isomers m & p	10	mg/L	-	ND [0.002] SJ-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-	-	-	-	ND [0.002] SJ-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.0004] SJ-	ND [0.0004] SJ-	-	ND [0.0004] SJ-	-	-	-	-	-	ND [0.0004] SJ-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	0.003 [0.0007] SJ-	ND [0.0007] SJ-	-	0.0022 [0.0007] SJ-	-	-	-	-	-	0.00063 [0.0007] J, SJ-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002] SJ-	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	-	-	-	-	ND [0.0002] SJ-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	ND [0.0001] SJ-	ND [0.0001] SJ-	-	ND [0.0001] SJ-	-	-	-	-	-	ND [0.0001] SJ-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	0.000065 [0.0005] J, SJ-	ND [0.0005] SJ-	-	ND [0.0005] SJ-	-	-	-	-	-	0.000039 [0.0005] J, B, SJ-
SW8260B	Benzene	0.005	mg/L	-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	ND [0.0005] SJ-	-	-	-	-	-	ND [0.0005] SJ-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	ND [0.0005] SJ-	-	-	-	-	-	ND [0.0005] SJ-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	0.000029 [0.0005] J, B, SJ-	ND [0.0005] SJ-	-	ND [0.0005] SJ-	-	-	-	-	-	ND [0.0005] SJ-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.0005] SJ-	ND [0.0005] SJ-	-	ND [0.0005] SJ-	-	-	-	-	-	ND [0.0005] SJ-
SW8260B	Vinyl chloride	0.002	mg/L	-	0.00023 [0.0002] SJ-	ND [0.0002] SJ-	-	-	-	-	-	-	-	0.00012 [0.0002] J, B, SJ-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.003] SJ-	-	ND [0.0003] SJ-	-	-	ND [0.00031] SJ-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.01] SJ-	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-	ND [0.00096] SJ-	-	ND [0.001] SJ-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.025] SJ-	-	ND [0.0025] SJ-	-	-	ND [0.0026] SJ-	-	ND [0.0024] SJ-	-	ND [0.0026] SJ-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	0.000093 [0.0002] J, SJ-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.0003] SJ-	-	ND [0.00003] SJ-	-	-	ND [0.000031] SJ-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.02] SJ-	-	ND [0.002] SJ-	-	-	ND [0.002] SJ-	-	ND [0.0019] SJ-	-	ND [0.002] SJ-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.001] SJ-	-	ND [0.0001] SJ-	-	-	ND [0.0001] SJ-	-	ND [0.000096] SJ-	-	ND [0.0001] SJ-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	0.00097 [0.002] J, SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	2-Nitroaniline		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	2-Nitrophenol		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.01] SJ-	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-	ND [0.00096] SJ-	-	ND [0.001] SJ-

			Location	MW12B	MW12B	MW13	MW13	MW26	MW26	MW26	MW28	MW28	MW32	MW32
			Sample ID	11FWAMW12-GWBF	11FWAMW12-GWBF	11FWAMW13-GWF	11FWAMW13-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW28-GWF	11FWAMW28-GWF	11FWAMW32-GWF	11FWAMW32-GWF
			Laboratory Sample ID	29142-10	29142-10	29175-3	29181-4	29175-22	29181-3	29181-3	29125-3	29125-3	29175-10	29175-10
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.004] SJ-	-	ND [0.0004] SJ-	-	-	ND [0.00041] SJ-	-	ND [0.00038] SJ-	-	ND [0.00041] SJ-
SW8270	3-Nitroaniline		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	4-Nitroaniline		mg/L	-	ND [0.003] SJ-	-	ND [0.0003] SJ-	-	-	ND [0.00031] SJ-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-
SW8270	4-Nitrophenol		mg/L	-	ND [0.01] SJ-	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-	ND [0.00096] SJ-	-	ND [0.001] SJ-
SW8270	Acenaphthene	2.2	mg/L	-	ND [0.0005] SJ-	-	ND [0.00005] SJ-	-	-	ND [0.000051] SJ-	-	ND [0.000048] SJ-	-	ND [0.000051] SJ-
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.0004] SJ-	-	ND [0.00004] SJ-	-	-	ND [0.000041] SJ-	-	ND [0.000038] SJ-	-	ND [0.000041] SJ-
SW8270	Anthracene	11	mg/L	-	ND [0.0002] SJ-	-	ND [0.00002] SJ-	-	-	ND [0.00002] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002] SJ-
SW8270	Azobenzene		mg/L	-	ND [0.005] SJ-	-	ND [0.0005] SJ-	-	-	ND [0.00051] SJ-	-	ND [0.00048] SJ-	-	ND [0.00051] SJ-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.0003] SJ-	-	ND [0.00003] SJ-	-	-	ND [0.000031] SJ-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.0002] SJ-	-	ND [0.00002] SJ-	-	-	ND [0.00002] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002] SJ-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.0004] SJ-	-	ND [0.00004] SJ-	-	-	ND [0.000041] SJ-	-	ND [0.000038] SJ-	-	ND [0.000041] SJ-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.0003] SJ-	-	ND [0.00003] SJ-	-	-	ND [0.000031] SJ-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.0003] SJ-	-	ND [0.00003] SJ-	-	-	ND [0.000031] SJ-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-
SW8270	Benzoic acid	150	mg/L	-	ND [0.01] SJ-	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-	0.0014 [0.00096] B, SJ-	-	0.00058 [0.001] J, SJ-
SW8270	Benzyl alcohol		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	0.00005 [0.00019] J, SJ-	-	ND [0.0002] SJ-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	ND [0.003] SJ-	-	ND [0.0003] SJ-	-	-	ND [0.00031] SJ-	-	0.0001 [0.00029] J, SJ-	-	0.00016 [0.00031] J, B, SJ-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	*ND [0.002] E, SJ-*	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	*ND [0.015] E, SJ-*	-	0.0007 [0.0015] J, SJ-	-	-	ND [0.0015] SJ-	-	ND [0.0014] SJ-	-	ND [0.0015] SJ-
SW8270	Carbazole	0.043	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	Chrysene	0.12	mg/L	-	ND [0.0002] SJ-	-	ND [0.00002] SJ-	-	-	ND [0.00002] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002] SJ-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	*ND [0.0003] E, SJ-*	-	ND [0.00003] SJ-	-	-	ND [0.000031] SJ-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	Diethyl phthalate	29	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	0.000095 [0.0002] J, B, SJ-
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] JS-	-	ND [0.0002] SJ-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	0.0001 [0.0002] J, B, SJ-	-	0.000078 [0.00019] J, B, SJ-	-	0.00016 [0.0002] J, B, SJ-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] JS-	-	ND [0.0002] SJ-
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.00025] SJ-	-	ND [0.000025] SJ-	-	-	ND [0.000026] SJ-	-	ND [0.000024] JS-	-	ND [0.000026] SJ-
SW8270	Fluorene	1.5	mg/L	-	ND [0.0003] SJ-	-	ND [0.00003] SJ-	-	-	ND [0.000031] SJ-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.003] SJ-	-	ND [0.0003] SJ-	-	-	ND [0.00031] SJ-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.003] SJ-	-	ND [0.0003] SJ-	-	-	ND [0.00031] SJ-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.0003] SJ-	-	ND [0.00003] SJ-	-	-	ND [0.000031] SJ-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-
SW8270	Isophorone	0.9	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	Naphthalene	0.73	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	*ND [0.01] E, SJ-*	-	*ND [0.001] E, SJ-*	-	-	*ND [0.001] E, SJ-*	-	*ND [0.00096] E, SJ-*	-	*ND [0.001] E, SJ-*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	*ND [0.002] E, SJ-*	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.002] SJ-	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.0035] SJ-	-	ND [0.00035] S	-	-	ND [0.00036] SJ-	-	ND [0.00034] SJ-	-	ND [0.00036] SJ-
SW8270	Phenanthrene	11	mg/L	-	ND [0.0004] SJ-	-	0.000019 [0.00004] J, B, SJ-	-	-	0.000012 [0.000041] J, B, SJ-	-	ND [0.000038] SJ-	-	ND [0.000041] SJ-
SW8270	Phenol	11	mg/L	-	ND [0.003] SJ-	-	ND [0.0003] SJ-	-	-	ND [0.00031] SJ-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-
SW8270	Pyrene	1.1	mg/L	-	ND [0.0003] SJ-	-	ND [0.00003] SJ-	-	-	ND [0.000031] SJ-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	0.00053 [0.00013] SJ-	-	ND [0.000013] SJ-	-	-	ND [0.000013] SJ-	-	0.0000032 [0.000013] J, SJ-	-	ND [0.000013] SJ-
8270SIM	Acenaphthene	2.2	mg/L	-	0.00014 [0.0001] SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.0001] SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Anthracene	11	mg/L	-	ND [0.0001] SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.0001] SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.0002] SJ-	-	ND [0.00002] SJ-	-	-	ND [0.00002] SJ-	-	ND [0.000019] SJ-	-	ND [0.00002] SJ-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.0001] SJ-	-	0.0000038 [0.00001] J, SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-

			Location	MW12B	MW12B	MW13	MW13	MW26	MW26	MW26	MW28	MW28	MW32	MW32
			Sample ID	11FWAMW12-GWBF	11FWAMW12-GWBF	11FWAMW13-GWF	11FWAMW13-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW28-GWF	11FWAMW28-GWF	11FWAMW32-GWF	11FWAMW32-GWF
			Laboratory Sample ID	29142-10	29142-10	29175-3	29181-4	29175-22	29181-3	29181-3	29125-3	29125-3	29175-10	29175-10
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.0001] SJ-	-	0.0000082 [0.00001] J, SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.0001] SJ-	-	0.000003 [0.00001] J, SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Chrysene	0.12	mg/L	-	ND [0.0001] SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.0001] SJ-	-	0.0000075 [0.00001] J, SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Fluoranthene	1.5	mg/L	-	0.00012 [0.0001] SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Fluorene	1.5	mg/L	-	0.00024 [0.0001] SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.0001] SJ-	-	0.0000055 [0.00001] J, SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
8270SIM	Naphthalene	0.73	mg/L	-	0.00063 [0.0001] JD, SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	0.0000038 [0.0000096] J, SJ-	-	0.0000038 [0.00001] J, SJ-
8270SIM	Phenanthrene	11	mg/L	-	ND [0.0001] JS-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	0.0000031 [0.0000096] J, SJ-	-	ND [0.00001] SJ-
8270SIM	Pyrene	1.1	mg/L	-	0.000056 [0.0001] J, SJ-	-	ND [0.00001] SJ-	-	-	ND [0.00001] SJ-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.00099] SJ-	-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0004] SJ-	-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0004] SJ-	-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0004] SJ-	-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0002] SJ-	-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0002] SJ-	-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0002] SJ-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0002] SJ-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0002] SJ-	-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0004] SJ-	-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0004] SJ-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0004] SJ-	-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.0004] SJ-	-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	ND [0.00099] SJ-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	ND [0.0098] SJ-	-	-	-	-	-	-	ND [0.00099] SJ-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	ND [0.0039] SJ-	-	-	-	-	-	-	ND [0.00039] SJ-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	ND [0.0039] SJ-	-	-	-	-	-	-	ND [0.00039] SJ-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	*ND [0.0039] E, SJ-*	-	-	-	-	-	-	ND [0.00039] SJ-	-	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	*ND [0.002] E, SJ-*	-	-	-	-	-	-	ND [0.0002] SJ-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	ND [0.002] SJ-	-	-	-	-	-	-	ND [0.0002] SJ-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	**0.0096 [0.002] SJ-**	-	-	-	-	-	-	ND [0.0002] SJ-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	ND [0.002] SJ-	-	-	-	-	-	-	ND [0.0002] SJ-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	ND [0.002] SJ-	-	-	-	-	-	-	ND [0.0002] SJ-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	ND [0.0039] SJ-	-	-	-	-	-	-	ND [0.00039] SJ-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	0.0054 [0.0039] SJ-	-	-	-	-	-	-	ND [0.00039] SJ-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	ND [0.0039] SJ-	-	-	-	-	-	-	ND [0.00039] SJ-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.0039] SJ-	-	-	-	-	-	-	ND [0.00039] SJ-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	ND [0.0098] SJ-	-	-	-	-	-	-	ND [0.00099] SJ-	-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW33	MW33	MW33	MW35	MW35	MW36	MW36	MW37	MW37	MW38	MW38	MW39
			Sample ID	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW35-GWF	11FWAMW35-GWF	11FWAMW36-GWF	11FWAMW36-GWF	11FWAMW37-GWF	11FWAMW37-GWF	11FWAMW38-GWF	11FWAMW38-GWF	11FWAMW39-GWBF
			Laboratory Sample ID	29125-4	29125-4	29175-6	29203-3	29203-3	29175-19	29175-19	29175-17	29175-17	29175-12	29175-12	29125-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/7/2011	10/7/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/3/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	0.089 [0.05]	-	ND [0.05]	-	ND [0.05] SJ-	-	ND [0.05]	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	**22 [0.98]**	-	-	0.11 [0.094]	-	0.051 [0.096] J, SJ-1	-	0.18 [0.1]	-	0.2 [0.098]	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	3.2 [0.098]	-	-	0.098 [0.094]	-	0.066 [0.096] J, SJ-	-	0.1 [0.1]	-	0.25 [0.098]	-
SW6010B	Aluminum		mg/L	-	ND [1]	-	-	0.32 [1] J	-	ND [1] SJ-	-	ND [1]	-	ND [1]	-
SW6010B	Boron		mg/L	-	ND [2.5]	-	-	ND [2.5]	-	ND [2.5] SJ-	-	ND [2.5]	-	ND [2.5]	-
SW6010B	Calcium		mg/L	-	85 [1.1]	-	-	100 [1.1]	-	85 [1.1] SJ-	-	78 [1.1]	-	92 [1.1]	-
SW6010B	Iron		mg/L	-	39 [0.2]	-	-	ND [0.2]	-	ND [0.2] SJ-	-	ND [0.2]	-	7.5 [0.2]	-
SW6010B	Magnesium		mg/L	-	19 [1.1]	-	-	26 [1.1]	-	20 [1.1] SJ-	-	19 [1.1]	-	19 [1.1]	-
SW6010B	Potassium		mg/L	-	5.2 [3.3]	-	-	6.8 [3.3]	-	6.3 [3.3] SJ-	-	5.1 [3.3]	-	5.7 [3.3]	-
SW6010B	Sodium		mg/L	-	6.2 [2]	-	-	11 [2]	-	7 [2] SJ-	-	6.3 [2]	-	6.2 [2]	-
SW6020	Antimony	0.006	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	0.0036 [0.002] SJ-	-	0.00053 [0.002] J	-	ND [0.002]	-
SW6020	Arsenic	0.01	mg/L	-	**0.035 [0.005]**	-	-	ND [0.005]	-	0.0058 [0.005] SJ-	-	ND [0.005]	-	0.0095 [0.005]	-
SW6020	Barium	2	mg/L	-	0.35 [0.006]	-	-	0.15 [0.006]	-	0.046 [0.006] SJ-	-	0.11 [0.006]	-	0.18 [0.006]	-
SW6020	Beryllium	0.004	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Cadmium	0.005	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	0.00049 [0.002] J, SJ-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Chromium	0.1	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Cobalt		mg/L	-	0.0002 [0.002] J	-	-	0.0011 [0.002] J	-	0.014 [0.002] SJ-	-	ND [0.002]	-	0.00042 [0.002] J	-
SW6020	Copper	1	mg/L	-	0.0042 [0.005] J	-	-	0.0024 [0.005] J	-	0.009 [0.005] SJ-	-	0.002 [0.005] J	-	ND [0.005]	-
SW6020	Lead	0.015	mg/L	-	0.001 [0.002] J	-	-	ND [0.002]	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Manganese		mg/L	-	1.9 [0.002]	-	-	0.18 [0.002]	-	0.0022 [0.002] SJ-	-	0.053 [0.002]	-	0.94 [0.002]	-
SW6020	Nickel	0.1	mg/L	-	ND [0.015]	-	-	0.005 [0.015] J	-	0.038 [0.015] SJ-	-	0.0023 [0.015] J	-	ND [0.015]	-
SW6020	Selenium	0.05	mg/L	-	ND [0.005]	-	-	0.0043 [0.005] J	-	0.0082 [0.005] SJ-	-	ND [0.005]	-	ND [0.005]	-
SW6020	Silver	0.1	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]	-
SW6020	Thallium	0.002	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005]	-
SW6020	Vanadium	0.26	mg/L	-	0.0052 [0.01] J	-	-	ND [0.01]	-	0.015 [0.01] SJ-	-	ND [0.01]	-	ND [0.01]	-
SW6020	Zinc	5	mg/L	-	ND [0.007]	-	-	ND [0.007]	-	ND [0.007] SJ-	-	0.0075 [0.007]	-	ND [0.007]	-
SW7470A	Mercury	0.002	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8081	4,4'-DDD		mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	4,4'-DDT	0.0025	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	0.000013 [0.00002] J	-	ND [0.000019]	-
SW8081	Aldrin	0.00005	mg/L	-	ND [0.00001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.0000098]	-	ND [0.0000097]	-
SW8081	alpha-BHC	0.00014	mg/L	-	ND [0.00001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.0000098]	-	ND [0.0000097]	-
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.00001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.0000098]	-	ND [0.0000097]	-
SW8081	beta-BHC	0.00047	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	delta-BHC		mg/L	-	ND [0.00001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.0000098]	-	ND [0.0000097]	-
SW8081	Dieldrin	0.000053	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	Endosulfan I		mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	Endosulfan II		mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	Endosulfan sulfate		mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	Endrin	0.002	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	Endrin aldehyde		mg/L	-	ND [0.00005]	-	-	ND [0.00005]	-	ND [0.00005] SJ-	-	ND [0.000049]	-	ND [0.000049]	-
SW8081	Endrin ketone		mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.000019]	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	ND [0.00001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.0000098]	-	ND [0.0000097]	-
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.00001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.0000098]	-	ND [0.0000097]	-
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.00001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.0000098]	-	ND [0.0000097]	-
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.00001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.0000098]	-	ND [0.0000097]	-

			Location	MW33	MW33	MW33	MW35	MW35	MW36	MW36	MW37	MW37	MW38	MW38	MW39
			Sample ID	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW35-GWF	11FWAMW35-GWF	11FWAMW36-GWF	11FWAMW36-GWF	11FWAMW37-GWF	11FWAMW37-GWF	11FWAMW38-GWF	11FWAMW38-GWF	11FWAMW39-GWBF
			Laboratory Sample ID	29125-4	29125-4	29175-6	29203-3	29203-3	29175-19	29175-19	29175-17	29175-17	29175-12	29175-12	29125-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/7/2011	10/7/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/3/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.0001]	-	-	ND [0.0001]	-	ND [0.0001] SJ-	-	ND [0.000098]	-	ND [0.000097]	-
SW8081	Toxaphene	0.003	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.00098]	-	ND [0.00097]	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00027]	-	-	ND [0.00028]	-	ND [0.00027] SJ-	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00027]	-	-	ND [0.00028]	-	ND [0.00027] SJ-	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00027]	-	-	ND [0.00028]	-	ND [0.00027] SJ-	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	2,4-DB		mg/L	-	ND [0.00027]	-	-	ND [0.00028]	-	ND [0.00027] SJ-	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00027]	-	-	ND [0.00028]	-	ND [0.00027] SJ-	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	Dalapon		mg/L	-	ND [0.00043]	-	-	ND [0.00044]	-	ND [0.00043] SJ-	-	ND [0.0004]	-	ND [0.0004]	-
SW8151A	Dicamba		mg/L	-	ND [0.00027]	-	-	ND [0.00028]	-	ND [0.00027] SJ-	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	Dichlorprop		mg/L	-	ND [0.00027]	-	-	ND [0.00028]	-	ND [0.00027] SJ-	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	Dinoseb		mg/L	-	ND [0.00027]	-	-	ND [0.00028]	-	ND [0.00027] SJ-	-	ND [0.00025]	-	ND [0.00025]	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,1-Dichloropropene		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E, SJ-*	-	*ND [0.001] E*	-	*ND [0.001] E*	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	-	ND [0.002]	-	ND [0.002] JH	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	-	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E, SJ-*	-	*ND [0.001] E*	-	*ND [0.001] E*	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	-	0.00049 [0.001] J	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,3-Dichloropropane		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	2,2-Dichloropropane		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	2-Butanone	22	mg/L	-	-	0.0032 [0.01] J	-	ND [0.01]	-	ND [0.01] SJ-	-	ND [0.01]	-	ND [0.01]	-
SW8260	2-Chlorotoluene		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	2-Hexanone		mg/L	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005]	-
SW8260	4-Chlorotoluene		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	4-Isopropyltoluene		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005]	-
SW8260	Acetone	33	mg/L	-	-	ND [0.01]	-	ND [0.01] JH	-	ND [0.01] JL-, SJ-	-	ND [0.01] JL-	-	ND [0.01] JL-	-
SW8260	Benzene	0.005	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromobenzene		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromochloromethane		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromodichloromethane	0.014	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Bromoform	0.11	mg/L	-	-	ND [0.001] JL-	-	ND [0.001] JH	-	ND [0.001] JL-, SJ-	-	ND [0.001] JL-	-	ND [0.001] JL-	-
SW8260	Bromomethane	0.051	mg/L	-	-	ND [0.005]	-	ND [0.005] JH	-	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005]	-
SW8260	Carbon disulfide	3.7	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Chlorobenzene	0.1	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Chloroethane	0.29	mg/L	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005]	-

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Fall 2011 Sampling Event

			Location	MW33	MW33	MW33	MW35	MW35	MW36	MW36	MW37	MW37	MW38	MW38	MW39
			Sample ID	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW35-GWF	11FWAMW35-GWF	11FWAMW36-GWF	11FWAMW36-GWF	11FWAMW37-GWF	11FWAMW37-GWF	11FWAMW38-GWF	11FWAMW38-GWF	11FWAMW39-GWBF
			Laboratory Sample ID	29125-4	29125-4	29175-6	29203-3	29203-3	29175-19	29175-19	29175-17	29175-17	29175-12	29175-12	29125-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/7/2011	10/7/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/3/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8260	Chloroform	0.14	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Chloromethane	0.066	mg/L	-	-	ND [0.005]	-	ND [0.005] JH	-	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005]	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	cis-1,3-Dichloropropene		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Dibromochloromethane	0.01	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Dibromomethane		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Ethylbenzene	0.7	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Isopropylbenzene	3.7	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Methylene chloride	0.005	mg/L	-	-	ND [0.003]	-	ND [0.003]	-	ND [0.003] SJ-	-	ND [0.003]	-	ND [0.003]	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Naphthalene	0.73	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	n-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	n-Propylbenzene	0.37	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	o-Xylene	10	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	sec-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Styrene	0.1	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	tert-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Toluene	1	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	trans-1,3-Dichloropropene		mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	0.00016 [0.001]	-
SW8260	Trichlorofluoromethane	11	mg/L	-	-	ND [0.001]	-	ND [0.001] JH	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Vinyl chloride	0.002	mg/L	-	-	ND [0.001]	-	ND [0.001] JH	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.001]	-
SW8260	Xylene, Isomers m & p	10	mg/L	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.0004]	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	-	0.0018 [0.0007]	-	0.00029 [0.0007] J	-	0.000052 [0.0007] J, B, SJ-	-	0.00052 [0.0007] J	-	0.000034 [0.0007] J, B	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001] SJ-	-	ND [0.0001]	-	ND [0.0001]	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	-	0.000081 [0.0005] J, B	-	ND [0.0005]	-	ND [0.0005] SJ-	-	ND [0.0005]	-	ND [0.0005]	-
SW8260B	Benzene	0.005	mg/L	-	-	0.00005 [0.0005] J, B	-	ND [0.0005]	-	ND [0.0005] SJ-	-	ND [0.0005]	-	ND [0.0005]	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.0005]	-	0.000085 [0.0005] J	-	ND [0.0005] SJ-	-	ND [0.0005]	-	ND [0.0005]	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	-	ND [0.0005]	-	ND [0.0005]	-	0.000055 [0.0005] J, B, SJ-	-	0.000035 [0.0005] J, B	-	ND [0.0005]	-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005] SJ-	-	ND [0.0005]	-	0.00017 [0.0005] J	-
SW8260B	Vinyl chloride	0.002	mg/L	-	-	0.00015 [0.0002] J, B	-	0.000044 [0.0002] J, B	-	ND [0.0002] SJ-	-	0.000057 [0.0002] J, B	-	ND [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.0031]	-	-	ND [0.0003]	-	ND [0.00031] SJ-	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.002]	-	-	0.00034 [0.0002]	-	0.00016 [0.0002] J, SJ-	-	ND [0.0002]	-	0.00018 [0.0002] J	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.01]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.00098]	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.026]	-	-	ND [0.0025]	-	ND [0.0026] SJ-	-	ND [0.0025]	-	ND [0.0025]	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.00031]	-	-	ND [0.00003]	-	ND [0.000031] SJ-	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.02]	-	-	ND [0.002]	-	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002]	-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.001]	-	-	ND [0.0001]	-	ND [0.0001] SJ-	-	ND [0.0001]	-	ND [0.000098]	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Nitroaniline		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	2-Nitrophenol		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.01]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.00098]	-

			Location	MW33	MW33	MW33	MW35	MW35	MW36	MW36	MW37	MW37	MW38	MW38	MW39
			Sample ID	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW35-GWF	11FWAMW35-GWF	11FWAMW36-GWF	11FWAMW36-GWF	11FWAMW37-GWF	11FWAMW37-GWF	11FWAMW38-GWF	11FWAMW38-GWF	11FWAMW39-GWBF
			Laboratory Sample ID	29125-4	29125-4	29175-6	29203-3	29203-3	29175-19	29175-19	29175-17	29175-17	29175-12	29175-12	29125-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/7/2011	10/7/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/3/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.0041]	-	-	ND [0.0004]	-	ND [0.00041] SJ-	-	ND [0.0004]	-	ND [0.00039]	-
SW8270	3-Nitroaniline		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	4-Nitroaniline		mg/L	-	ND [0.0031]	-	-	ND [0.0003]	-	ND [0.00031] SJ-	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	4-Nitrophenol		mg/L	-	ND [0.01]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	ND [0.001]	-	ND [0.00098]	-
SW8270	Acenaphthene	2.2	mg/L	-	0.00016 [0.00051] J	-	-	ND [0.00005]	-	ND [0.000051] SJ-	-	ND [0.00005]	-	ND [0.000049]	-
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.00041]	-	-	ND [0.00004]	-	ND [0.000041] SJ-	-	ND [0.00004]	-	ND [0.000039]	-
SW8270	Anthracene	11	mg/L	-	ND [0.0002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Azobenzene		mg/L	-	ND [0.0051]	-	-	ND [0.0005]	-	ND [0.00051] SJ-	-	ND [0.0005]	-	ND [0.00049]	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00031]	-	-	ND [0.00003]	-	ND [0.000031] SJ-	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.0002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00041]	-	-	ND [0.00004]	-	ND [0.000041] SJ-	-	ND [0.00004]	-	ND [0.000039]	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00031]	-	-	ND [0.00003]	-	ND [0.000031] SJ-	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00031]	-	-	ND [0.00003]	-	ND [0.000031] SJ-	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Benzoic acid	150	mg/L	-	ND [0.01]	-	-	0.00076 [0.001] J	-	ND [0.001] SJ-	-	0.00056 [0.001] J	-	ND [0.00098]	-
SW8270	Benzyl alcohol		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	ND [0.0031]	-	-	0.00018 [0.0003] J	-	ND [0.00031] SJ-	-	0.00012 [0.0003] J,B	-	0.00014 [0.00029] J,B	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	*ND [0.002] E*	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	*ND [0.015] E*	-	-	ND [0.0015]	-	ND [0.0015] SJ-	-	ND [0.0015]	-	ND [0.0015]	-
SW8270	Carbazole	0.043	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Chrysene	0.12	mg/L	-	ND [0.0002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.00002]	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	*ND [0.00031] E*	-	-	ND [0.00003]	-	ND [0.000031] SJ-	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Diethyl phthalate	29	mg/L	-	ND [0.002]	-	-	0.00007 [0.0002] J	-	0.0001 [0.0002] J, B, SJ-	-	0.000085 [0.0002] J, B	-	0.000085 [0.0002] J, B	-
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	ND [0.002]	-	-	0.00013 [0.0002] J, B	-	ND [0.0002] SJ-	-	0.0001 [0.0002] J,B	-	0.00012 [0.0002] J,B	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.00026]	-	-	ND [0.000025]	-	ND [0.000026] SJ-	-	ND [0.000025]	-	ND [0.000025]	-
SW8270	Fluorene	1.5	mg/L	-	ND [0.00031]	-	-	ND [0.00003]	-	ND [0.000031] SJ-	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.0031]	-	-	ND [0.0003]	-	ND [0.00031] SJ-	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.0031]	-	-	ND [0.0003]	-	ND [0.00031] SJ-	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00031]	-	-	ND [0.00003]	-	ND [0.000031] SJ-	-	ND [0.00003]	-	ND [0.000029]	-
SW8270	Isophorone	0.9	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Naphthalene	0.73	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	*ND [0.01] E*	-	-	*ND [0.001] E*	-	*ND [0.001] E, SJ-*	-	*ND [0.001] E*	-	*ND [0.00098] E*	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	*ND [0.002] E*	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.0036]	-	-	ND [0.00035]	-	ND [0.00036] SJ-	-	ND [0.00035]	-	ND [0.00034]	-
SW8270	Phenanthrene	11	mg/L	-	ND [0.00041]	-	-	ND [0.00004]	-	0.000014 [0.000041] J, B, SJ-	-	ND [0.00004]	-	ND [0.000039]	-
SW8270	Phenol	11	mg/L	-	ND [0.0031]	-	-	ND [0.0003]	-	ND [0.00031] SJ-	-	ND [0.0003]	-	ND [0.00029]	-
SW8270	Pyrene	1.1	mg/L	-	ND [0.00031]	-	-	ND [0.00003]	-	ND [0.000031] SJ-	-	ND [0.00003]	-	ND [0.000029]	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	ND [0.00013]	-	-	ND [0.000013]	-	ND [0.000013] SJ-	-	0.0000033 [0.000013] J	-	ND [0.000013]	-
8270SIM	Acenaphthene	2.2	mg/L	-	0.0002 [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Anthracene	11	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.0002]	-	-	ND [0.00002]	-	ND [0.00002] SJ-	-	ND [0.00002]	-	ND [0.00002]	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-

			Location	MW33	MW33	MW33	MW35	MW35	MW36	MW36	MW37	MW37	MW38	MW38	MW39
			Sample ID	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW33-GWF	11FWAMW35-GWF	11FWAMW35-GWF	11FWAMW36-GWF	11FWAMW36-GWF	11FWAMW37-GWF	11FWAMW37-GWF	11FWAMW38-GWF	11FWAMW38-GWF	11FWAMW39-GWBF
			Laboratory Sample ID	29125-4	29125-4	29175-6	29203-3	29203-3	29175-19	29175-19	29175-17	29175-17	29175-12	29175-12	29125-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/7/2011	10/7/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/3/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Chrysene	0.12	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Fluoranthene	1.5	mg/L	-	0.000068 [0.0001] J	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Fluorene	1.5	mg/L	-	0.00018 [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Naphthalene	0.73	mg/L	-	0.00014 [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Phenanthrene	11	mg/L	-	0.00042 [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
8270SIM	Pyrene	1.1	mg/L	-	0.00023 [0.0001]	-	-	ND [0.00001]	-	ND [0.00001] SJ-	-	ND [0.00001]	-	ND [0.0000098]	-
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	ND [0.00054]	-	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	ND [0.00011]	-	-	-	-	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	ND [0.0099]	-	-	-	-	ND [0.001] SJ-	-	ND [0.00099]	-	ND [0.00099]	-	ND [0.00099]
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	ND [0.004]	-	-	-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00039]
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	ND [0.004]	-	-	-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00039]
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	*ND [0.004] E*	-	-	-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00039]
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	*ND [0.002] E*	-	-	-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	ND [0.002]	-	-	-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	ND [0.002]	-	-	-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	ND [0.002]	-	-	-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	ND [0.002]	-	-	-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8330	m-Nitrotoluene	0.73	mg/L	ND [0.004]	-	-	-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00039]
SW8330	Nitrobenzene	0.018	mg/L	ND [0.004]	-	-	-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00039]
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	ND [0.004]	-	-	-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00039]
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.004]	-	-	-	-	ND [0.0004] SJ-	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00039]
SW8330	p-Nitrotoluene	0.05	mg/L	ND [0.0099]	-	-	-	-	ND [0.001] SJ-	-	ND [0.00099]	-	ND [0.00099]	-	ND [0.00099]

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW39	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW43	MW43	MW43	MW45
			Sample ID	11FWAMW39-GWBF	11FWAMW39-GWBF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW45-GWF
			Laboratory Sample ID	29125-2	29142-2	29125-1	29125-1	29142-1	29125-8	29125-8	29142-5	29142-15	29142-15	29175-9	29181-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	0.025 [0.05] J, B	-	-	0.021 [0.05] J, B	-	-	ND [0.05]	-	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.058 [0.094] J	-	-	0.05 [0.096] J, JM-	-	-	0.079 [0.1] J	-	-	0.088 [0.1] J, JS-	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.045 [0.094] J	-	-	0.037 [0.096] J	-	-	0.08 [0.1] J	-	-	0.098 [0.1] J, JS-	-	-
SW6010B	Aluminum		mg/L	ND [1]	-	-	ND [1]	-	-	ND [1]	-	-	ND [1]	-	-
SW6010B	Boron		mg/L	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-	-
SW6010B	Calcium		mg/L	63 [1.1]	-	-	66 [1.1]	-	-	69 [1.1]	-	-	120 [1.1]	-	-
SW6010B	Iron		mg/L	7.1 [0.2]	-	-	7.4 [0.2]	-	-	8.4 [0.2]	-	-	1.5 [0.2]	-	-
SW6010B	Magnesium		mg/L	15 [1.1]	-	-	16 [1.1]	-	-	16 [1.1]	-	-	29 [1.1]	-	-
SW6010B	Potassium		mg/L	5.1 [3.3]	-	-	5.2 [3.3]	-	-	5.5 [3.3]	-	-	6.4 [3.3]	-	-
SW6010B	Sodium		mg/L	10 [2]	-	-	11 [2]	-	-	11 [2]	-	-	6.5 [2]	-	-
SW6020	Antimony	0.006	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Arsenic	0.01	mg/L	0.0065 [0.005]	-	-	0.0066 [0.005]	-	-	**0.014 [0.005]**	-	-	ND [0.005]	-	-
SW6020	Barium	2	mg/L	0.25 [0.006]	-	-	0.24 [0.006]	-	-	0.29 [0.006]	-	-	0.28 [0.006]	-	-
SW6020	Beryllium	0.004	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Cadmium	0.005	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	0.00023 [0.002] J	-	-
SW6020	Chromium	0.1	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Cobalt		mg/L	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	0.00087 [0.002] J	-	-
SW6020	Copper	1	mg/L	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-	0.0016 [0.005] J	-	-
SW6020	Lead	0.015	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Manganese		mg/L	0.78 [0.002]	-	-	0.73 [0.002]	-	-	0.8 [0.002]	-	-	0.73 [0.002]	-	-
SW6020	Nickel	0.1	mg/L	ND [0.015]	-	-	ND [0.015]	-	-	ND [0.015]	-	-	0.003 [0.015] J	-	-
SW6020	Selenium	0.05	mg/L	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-	0.014 [0.005]	-	-
SW6020	Silver	0.1	mg/L	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Thallium	0.002	mg/L	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW6020	Vanadium	0.26	mg/L	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	-
SW6020	Zinc	5	mg/L	ND [0.007]	-	-	ND [0.007]	-	-	ND [0.007]	-	-	ND [0.007]	-	-
SW7470A	Mercury	0.002	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8081	4,4'-DDD		mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	Aldrin	0.00005	mg/L	ND [0.0000094]	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-	-
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000094]	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-	-
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000094]	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-	-
SW8081	beta-BHC	0.00047	mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	delta-BHC		mg/L	ND [0.0000094]	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-	-
SW8081	Dieldrin	0.000053	mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	Endosulfan I		mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	Endosulfan II		mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	Endosulfan sulfate		mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	Endrin	0.002	mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	Endrin aldehyde		mg/L	ND [0.000047]	-	-	ND [0.000048]	-	-	ND [0.000049]	-	-	ND [0.00005]	-	-
SW8081	Endrin ketone		mg/L	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000094]	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-	-
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000094]	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-	-
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000094]	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-	-
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000094]	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-	-

			Location	MW39	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW43	MW43	MW43	MW45
			Sample ID	11FWAMW39-GWBF	11FWAMW39-GWBF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW45-GWF
			Laboratory Sample ID	29125-2	29142-2	29125-1	29125-1	29142-1	29125-8	29125-8	29142-5	29142-15	29142-15	29175-9	29181-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8081	Methoxychlor	0.04	mg/L	ND [0.000094]	-	-	ND [0.000095]	-	-	ND [0.000098]	-	-	ND [0.0001]	-	-
SW8081	Toxaphene	0.003	mg/L	ND [0.00094]	-	-	ND [0.00095]	-	-	ND [0.00098]	-	-	ND [0.001]	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00027]	-	-	ND [0.00028]	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00027]	-	-	ND [0.00028]	-	-
SW8151A	2,4-D	0.07	mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00027]	-	-	ND [0.00028]	-	-
SW8151A	2,4-DB		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00027]	-	-	ND [0.00028]	-	-
SW8151A	4-Nitrophenol		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00027]	-	-	ND [0.00028]	-	-
SW8151A	Dalapon		mg/L	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.00043]	-	-	ND [0.00045]	-	-
SW8151A	Dicamba		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00027]	-	-	ND [0.00028]	-	-
SW8151A	Dichlorprop		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00027]	-	-	ND [0.00028]	-	-
SW8151A	Dinoseb		mg/L	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00027]	-	-	ND [0.00028]	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,1-Dichloropropene		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	0.00025 [0.001] J	-	-	ND [0.001]	-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,3-Dichloropropane		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	2,2-Dichloropropane		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	2-Butanone	22	mg/L	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-
SW8260	2-Chlorotoluene		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	2-Hexanone		mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260	4-Chlorotoluene		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	4-Isopropyltoluene		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260	Acetone	33	mg/L	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01] JL-	-
SW8260	Benzene	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Bromobenzene		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Bromochloromethane		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Bromodichloromethane	0.014	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Bromoform	0.11	mg/L	-	ND [0.001] JL-	-	-	ND [0.001] JL-, JM-	-	-	ND [0.001] JL-	-	-	ND [0.001] JL-	-
SW8260	Bromomethane	0.051	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260	Carbon disulfide	3.7	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Carbon tetrachloride	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Chlorobenzene	0.1	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Chloroethane	0.29	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-

			Location	MW39	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW43	MW43	MW43	MW45
			Sample ID	11FWAMW39-GWBF	11FWAMW39-GWBF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW45-GWF
			Laboratory Sample ID	29125-2	29142-2	29125-1	29125-1	29142-1	29125-8	29125-8	29142-5	29142-15	29142-15	29175-9	29181-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8260	Chloroform	0.14	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Chloromethane	0.066	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	cis-1,3-Dichloropropene		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Dibromochloromethane	0.01	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Dibromomethane		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Ethylbenzene	0.7	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Isopropylbenzene	3.7	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Methylene chloride	0.005	mg/L	-	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Naphthalene	0.73	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	n-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	n-Propylbenzene	0.37	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	o-Xylene	10	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	sec-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Styrene	0.1	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	tert-Butylbenzene	0.37	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Toluene	1	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	trans-1,3-Dichloropropene		mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	0.00077 [0.001]	-
SW8260	Trichlorofluoromethane	11	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Vinyl chloride	0.002	mg/L	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260	Xylene, Isomers m & p	10	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	ND [0.0007]	-	-	ND [0.0007]	-	-	0.000045 [0.0007] J, B	-	-	0.0002 [0.0007] J	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	0.000027 [0.0005] J	-	-	ND [0.0005]	-	-	0.00027 [0.0005] J	-	-	ND [0.0005]	-
SW8260B	Benzene	0.005	mg/L	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	0.000056 [0.0005] J, B	-	-	0.000045 [0.0005] J, B	-	-	0.00004 [0.0005] J, B	-	-	ND [0.0005]	-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	0.000029 [0.0005] J, B	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-	0.00076 [0.0005]	-
SW8260B	Vinyl chloride	0.002	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	0.000088 [0.0002] J, B	-	-	0.00002 [0.0002] J, B	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0025]	-	-	ND [0.0025]	-	-	ND [0.0025]	-	-	ND [0.0025]	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	2-Nitroaniline		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	2-Nitrophenol		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.001]	-	-	ND [0.001] R	-	-	ND [0.001]	-	-	ND [0.001]	-	-

			Location	MW39	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW43	MW43	MW43	MW45
			Sample ID	11FWAMW39-GWBF	11FWAMW39-GWBF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW45-GWF
			Laboratory Sample ID	29125-2	29142-2	29125-1	29125-1	29142-1	29125-8	29125-8	29142-5	29142-15	29142-15	29175-9	29181-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-	-
SW8270	3-Nitroaniline		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	4-Nitroaniline		mg/L	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-
SW8270	4-Nitrophenol		mg/L	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8270	Acenaphthene	2.2	mg/L	ND [0.00005]	-	-	ND [0.00005]	-	-	ND [0.00005]	-	-	ND [0.00005]	-	-
SW8270	Acenaphthylene	2.2	mg/L	ND [0.00004]	-	-	ND [0.00004]	-	-	ND [0.00004]	-	-	ND [0.00004]	-	-
SW8270	Anthracene	11	mg/L	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8270	Azobenzene		mg/L	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.00004]	-	-	ND [0.00004]	-	-	ND [0.00004]	-	-	ND [0.00004]	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-
SW8270	Benzoic acid	150	mg/L	0.00069 [0.001] J,B	-	-	0.00082 [0.001] J,B	-	-	0.00061 [0.001] J,B	-	-	0.00055 [0.001] J	-	-
SW8270	Benzyl alcohol		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-	0.00011 [0.0003] J,B	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	-	ND [0.0015]	-	-	0.0011 [0.0015] J	-	-	ND [0.0015]	-	-
SW8270	Carbazole	0.043	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Chrysene	0.12	mg/L	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-
SW8270	Dibenzofuran	0.073	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Diethyl phthalate	29	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	0.000058 [0.0002] J, B	-	-
SW8270	Dimethyl phthalate	370	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.000087 [0.0002] J, B	-	-	0.00007 [0.0002] J, B	-	-	0.000097 [0.0002] J, B	-	-	0.000086 [0.0002] J,B	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Fluoranthene	1.5	mg/L	ND [0.000025]	-	-	ND [0.000025]	-	-	ND [0.000025]	-	-	ND [0.000025]	-	-
SW8270	Fluorene	1.5	mg/L	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-
SW8270	Hexachloroethane	0.04	mg/L	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-
SW8270	Isophorone	0.9	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Naphthalene	0.73	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Nitrobenzene	0.018	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.001] E*	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.0002]	-	-	ND [0.0002] JM-	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00035]	-	-	ND [0.00035]	-	-	ND [0.00035]	-	-	ND [0.00035]	-	-
SW8270	Phenanthrene	11	mg/L	ND [0.00004]	-	-	ND [0.00004]	-	-	ND [0.00004]	-	-	ND [0.00004]	-	-
SW8270	Phenol	11	mg/L	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-	ND [0.0003]	-	-
SW8270	Pyrene	1.1	mg/L	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-	ND [0.00003]	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013]	-	-	ND [0.000013]	-	-	ND [0.000013]	-	-	ND [0.000013]	-	-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Anthracene	11	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	0.0000041 [0.00001] J	-	-

			Location	MW39	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW43	MW43	MW43	MW45
			Sample ID	11FWAMW39-GWBF	11FWAMW39-GWBF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW45-GWF
			Laboratory Sample ID	29125-2	29142-2	29125-1	29125-1	29142-1	29125-8	29125-8	29142-5	29142-15	29142-15	29175-9	29181-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TADC
			QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	0.000005 [0.00001] J	-	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	0.0000043 [0.00001] J	-	-
8270SIM	Chrysene	0.12	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	0.0000042 [0.00001] J	-	-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Fluorene	1.5	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	0.0000049 [0.00001]	-	-
8270SIM	Naphthalene	0.73	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Phenanthrene	11	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
8270SIM	Pyrene	1.1	mg/L	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-	ND [0.00001]	-	-
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00011] SJ-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	ND [0.001]	-	-	ND [0.00099]	-	-	ND [0.00097]	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	-	ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00039]	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00039]	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00039]	-	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019]	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019]	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019]	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019]	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019]	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	-	ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00039]	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	-	ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00039]	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00039]	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00039]	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	-	ND [0.001]	-	-	ND [0.00099]	-	-	ND [0.00097]	-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW45	MW45	MW47	MW47	MW47	MW48	MW48	MW48	MW53	MW53	MW53
			Sample ID	11FWAMW45-GWF	11FWAMW45-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW53-GWF	11FWAMW53-GWF	11FWAMW53-GWF
			Laboratory Sample ID	29181-2	29203-16	29125-6	29125-6	29142-4	29142-16	29142-16	29175-3	29175-21	29181-6	29181-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	0.027 [0.05] J, B, SJ-	-	-	0.021 [0.05] J, B	-	-	ND [0.05] SJ-	ND [0.05]	-	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.066 [0.096] J, SJ-	-	-	0.089 [0.096] J	-	-	0.065 [0.1] J, SJ-	-	-	-	0.042 [0.097] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.078 [0.096] J, SJ-	-	-	0.083 [0.096] J	-	-	0.075 [0.1] J, SJ-	-	-	-	0.043 [0.097] J
SW6010B	Aluminum		mg/L	ND [1] SJ-	-	-	ND [1]	-	-	ND [1] SJ-	-	-	-	ND [1]
SW6010B	Boron		mg/L	ND [2.5] SJ-	-	-	ND [2.5]	-	-	ND [2.5] SJ-	-	-	-	ND [2.5]
SW6010B	Calcium		mg/L	120 [1.1] SJ-	-	-	64 [1.1]	-	-	84 [1.1] SJ-	-	-	-	77 [1.1]
SW6010B	Iron		mg/L	0.9 [0.2] SJ-	-	-	0.053 [0.2] J	-	-	0.1 [0.2] J, B, SJ-	-	-	-	0.078 [0.2] J
SW6010B	Magnesium		mg/L	31 [1.1] SJ-	-	-	18 [1.1]	-	-	22 [1.1] SJ-	-	-	-	19 [1.1]
SW6010B	Potassium		mg/L	6.5 [3.3] SJ-	-	-	5.6 [3.3]	-	-	5.5 [3.3] SJ-	-	-	-	4 [3.3]
SW6010B	Sodium		mg/L	7.6 [2] SJ-	-	-	11 [2]	-	-	10 [2] SJ-	-	-	-	4.4 [2]
SW6020	Antimony	0.006	mg/L	0.0005 [0.002] J, SJ-	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-	ND [0.002]
SW6020	Arsenic	0.01	mg/L	ND [0.005] SJ-	-	-	ND [0.005]	-	-	ND [0.005] SJ-	-	-	-	ND [0.005]
SW6020	Barium	2	mg/L	0.18 [0.006] SJ-	-	-	0.12 [0.006]	-	-	0.19 [0.006] SJ-	-	-	-	0.088 [0.006]
SW6020	Beryllium	0.004	mg/L	ND [0.002] SJ-	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-	ND [0.002]
SW6020	Cadmium	0.005	mg/L	ND [0.002] SJ-	-	-	ND [0.002]	-	-	0.00014 [0.002] J, SJ-	-	-	-	ND [0.002]
SW6020	Chromium	0.1	mg/L	ND [0.002] SJ-	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-	ND [0.002]
SW6020	Cobalt		mg/L	0.00037 [0.002] J, SJ-	-	-	0.00038 [0.002] J	-	-	0.00032 [0.002] J, SJ-	-	-	-	0.00027 [0.002] J
SW6020	Copper	1	mg/L	0.00086 [0.005] J, SJ-	-	-	0.0031 [0.005] J	-	-	0.0021 [0.005] J, SJ-	-	-	-	0.0025 [0.005] J
SW6020	Lead	0.015	mg/L	ND [0.002] SJ-	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-	ND [0.002]
SW6020	Manganese		mg/L	0.081 [0.002] SJ-	-	-	0.28 [0.002]	-	-	0.031 [0.002] SJ-	-	-	-	0.13 [0.002]
SW6020	Nickel	0.1	mg/L	0.0024 [0.015] J, SJ-	-	-	0.002 [0.015] J	-	-	ND [0.015] SJ-	-	-	-	0.0029 [0.015] J
SW6020	Selenium	0.05	mg/L	ND [0.005] SJ-	-	-	ND [0.005]	-	-	ND [0.005] SJ-	-	-	-	ND [0.005]
SW6020	Silver	0.1	mg/L	ND [0.002] SJ-	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-	ND [0.002]
SW6020	Thallium	0.002	mg/L	ND [0.005] SJ-	-	-	ND [0.005]	-	-	ND [0.005] SJ-	-	-	-	ND [0.005]
SW6020	Vanadium	0.26	mg/L	ND [0.01] SJ-	-	-	ND [0.01]	-	-	ND [0.01] SJ-	-	-	-	ND [0.01]
SW6020	Zinc	5	mg/L	ND [0.007] SJ-	-	-	ND [0.007]	-	-	0.0051 [0.007] J, SJ-	-	-	-	ND [0.007]
SW7470A	Mercury	0.002	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8081	4,4'-DDD		mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	Aldrin	0.00005	mg/L	ND [0.0000096] SJ-	-	-	ND [0.0000097]	-	-	ND [0.0000097] SJ-	-	-	-	ND [0.0000096]
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000096] SJ-	-	-	ND [0.0000097]	-	-	ND [0.0000097] SJ-	-	-	-	ND [0.0000096]
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000096] SJ-	-	-	ND [0.0000097]	-	-	ND [0.0000097] SJ-	-	-	-	ND [0.0000096]
SW8081	beta-BHC	0.00047	mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	delta-BHC		mg/L	ND [0.0000096] SJ-	-	-	ND [0.0000097]	-	-	ND [0.0000097] SJ-	-	-	-	ND [0.0000096]
SW8081	Dieldrin	0.000053	mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	Endosulfan I		mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	Endosulfan II		mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	Endosulfan sulfate		mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	Endrin	0.002	mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	Endrin aldehyde		mg/L	ND [0.000048] SJ-	-	-	ND [0.000049]	-	-	ND [0.000049] SJ-	-	-	-	ND [0.000048]
SW8081	Endrin ketone		mg/L	ND [0.000019] SJ-	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	-	-	ND [0.000019]
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000096] SJ-	-	-	ND [0.0000097]	-	-	ND [0.0000097] SJ-	-	-	-	ND [0.0000096]
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000096] SJ-	-	-	ND [0.0000097]	-	-	ND [0.0000097] SJ-	-	-	-	ND [0.0000096]
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000096] SJ-	-	-	ND [0.0000097]	-	-	ND [0.0000097] SJ-	-	-	-	ND [0.0000096]
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000096] SJ-	-	-	ND [0.0000097]	-	-	ND [0.0000097] SJ-	-	-	-	ND [0.0000096]

			Location	MW45	MW45	MW47	MW47	MW47	MW48	MW48	MW48	MW53	MW53	MW53
			Sample ID	11FWAMW45-GWF	11FWAMW45-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW53-GWF	11FWAMW53-GWF	11FWAMW53-GWF
			Laboratory Sample ID	29181-2	29203-16	29125-6	29125-6	29142-4	29142-16	29142-16	29175-3	29175-21	29181-6	29181-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8081	Methoxychlor	0.04	mg/L	ND [0.000096] SJ-	-	-	ND [0.000097]	-	-	ND [0.000097] SJ-	-	-	-	ND [0.000096]
SW8081	Toxaphene	0.003	mg/L	ND [0.00096] SJ-	-	-	ND [0.00097]	-	-	ND [0.00097] SJ-	-	-	-	ND [0.00096]
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00031] SJ-	-	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	-	-	ND [0.00026]
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00031] SJ-	-	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	-	-	ND [0.00026]
SW8151A	2,4-D	0.07	mg/L	ND [0.00031] SJ-	-	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	-	-	ND [0.00026]
SW8151A	2,4-DB		mg/L	ND [0.00031] SJ-	-	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	-	-	ND [0.00026]
SW8151A	4-Nitrophenol		mg/L	ND [0.00031] SJ-	-	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	-	-	ND [0.00026]
SW8151A	Dalapon		mg/L	ND [0.0005] SJ-	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	-	ND [0.00041]
SW8151A	Dicamba		mg/L	ND [0.00031] SJ-	-	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	-	-	ND [0.00026]
SW8151A	Dichlorprop		mg/L	ND [0.00031] SJ-	-	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	-	-	ND [0.00026]
SW8151A	Dinoseb		mg/L	ND [0.00031] SJ-	-	-	ND [0.00025]	-	-	ND [0.00025] SJ-	-	-	-	ND [0.00026]
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,1-Dichloropropene		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	*ND [0.001] E, SJ-*	-	-	*ND [0.001] E*	-	-	*ND [0.001] E, SJ-*	*ND [0.001] E*	-	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	ND [0.002] JH, SJ-	-	-	ND [0.002]	-	-	ND [0.002] SJ-	ND [0.002]	-	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	*ND [0.001] E, SJ-*	-	-	*ND [0.001] E*	-	-	*ND [0.001] E, SJ-*	*ND [0.001] E*	-	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,3-Dichloropropane		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	2,2-Dichloropropane		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	2-Butanone	22	mg/L	-	ND [0.01] SJ-	-	-	ND [0.01]	-	-	ND [0.01] SJ-	ND [0.01]	-	-
SW8260	2-Chlorotoluene		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	2-Hexanone		mg/L	-	ND [0.005] SJ-	-	-	ND [0.005]	-	-	ND [0.005] SJ-	ND [0.005]	-	-
SW8260	4-Chlorotoluene		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	4-Isopropyltoluene		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	ND [0.005] SJ-	-	-	ND [0.005]	-	-	ND [0.005] SJ-	ND [0.005]	-	-
SW8260	Acetone	33	mg/L	-	ND [0.01] JH, SJ-	-	-	ND [0.01]	-	-	ND [0.01] SJ-	ND [0.01] JL-	-	-
SW8260	Benzene	0.005	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Bromobenzene		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Bromochloromethane		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Bromodichloromethane	0.014	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Bromoform	0.11	mg/L	-	ND [0.001] JH, SJ-	-	-	ND [0.001] JL-	-	-	ND [0.001] JL-, SJ-	ND [0.001] JL-	-	-
SW8260	Bromomethane	0.051	mg/L	-	ND [0.005] JH, SJ-	-	-	ND [0.005]	-	-	ND [0.005] SJ-	ND [0.005]	-	-
SW8260	Carbon disulfide	3.7	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Carbon tetrachloride	0.005	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Chlorobenzene	0.1	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Chloroethane	0.29	mg/L	-	ND [0.005] SJ-	-	-	ND [0.005]	-	-	ND [0.005] SJ-	ND [0.005]	-	-

			Location	MW45	MW45	MW47	MW47	MW47	MW48	MW48	MW48	MW53	MW53	MW53
			Sample ID	11FWAMW45-GWF	11FWAMW45-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW53-GWF	11FWAMW53-GWF	11FWAMW53-GWF
			Laboratory Sample ID	29181-2	29203-16	29125-6	29125-6	29142-4	29142-16	29142-16	29175-3	29175-21	29181-6	29181-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8260	Chloroform	0.14	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Chloromethane	0.066	mg/L	-	ND [0.005] JH, SJ-	-	-	ND [0.005]	-	-	ND [0.005] SJ-	ND [0.005]	-	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	cis-1,3-Dichloropropene		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Dibromochloromethane	0.01	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Dibromomethane		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Ethylbenzene	0.7	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Isopropylbenzene	3.7	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Methylene chloride	0.005	mg/L	-	ND [0.003] SJ-	-	-	ND [0.003]	-	-	ND [0.003] SJ-	ND [0.003]	-	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Naphthalene	0.73	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	n-Butylbenzene	0.37	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	n-Propylbenzene	0.37	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	o-Xylene	10	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	sec-Butylbenzene	0.37	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Styrene	0.1	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	tert-Butylbenzene	0.37	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.001] JC-, SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Toluene	1	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	trans-1,3-Dichloropropene		mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.001] SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Trichlorofluoromethane	11	mg/L	-	ND [0.001] JH, SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Vinyl chloride	0.002	mg/L	-	ND [0.001] JH, SJ-	-	-	ND [0.001]	-	-	ND [0.001] SJ-	ND [0.001]	-	-
SW8260	Xylene, Isomers m & p	10	mg/L	-	ND [0.002] SJ-	-	-	ND [0.002]	-	-	ND [0.002] SJ-	ND [0.002]	-	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.0004] SJ-	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	ND [0.0004]	-	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	0.00041 [0.0007] J, SJ-	-	-	0.000064 [0.0007] J, B	-	-	0.00022 [0.0007] J, B, SJ-	0.00042 [0.0007] J	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002] SJ-	-	-	0.000087 [0.0002] J	-	-	ND [0.0002] SJ-	ND [0.0002]	-	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	ND [0.0001] SJ-	-	-	ND [0.0001]	-	-	ND [0.0001] SJ-	ND [0.0001]	-	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	ND [0.0005] SJ-	-	-	ND [0.0005]	-	-	ND [0.0005] SJ-	ND [0.0005]	-	-
SW8260B	Benzene	0.005	mg/L	-	ND [0.0005] SJ-	-	-	ND [0.0005]	-	-	ND [0.0005] SJ-	ND [0.0005]	-	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	ND [0.0005] SJ-	-	-	ND [0.0005]	-	-	ND [0.0005] SJ-	ND [0.0005]	-	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.0005] SJ-	-	-	0.000045 [0.0005] J, B	-	-	0.000026 [0.0005] J, B, SJ-	ND [0.0005]	-	-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.0005] SJ-	-	-	ND [0.0005]	-	-	ND [0.0005] SJ-	0.000086 [0.0005] J, B	-	-
SW8260B	Vinyl chloride	0.002	mg/L	-	0.000022 [0.0002] J, B, SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	0.000033 [0.0002] J, B	-	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.00031] SJ-	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	-	-	ND [0.00029]
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.001] SJ-	-	-	ND [0.00098]	-	-	ND [0.00098] SJ-	-	-	-	ND [0.00098]
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0026] SJ-	-	-	ND [0.0025]	-	-	ND [0.0025] SJ-	-	-	-	ND [0.0025]
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.000031] SJ-	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	-	-	ND [0.000029]
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.002] SJ-	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	-	-	ND [0.002]
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.0001] SJ-	-	-	ND [0.000098]	-	-	ND [0.000098] SJ-	-	-	-	ND [0.000098]
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	2-Nitroaniline		mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	2-Nitrophenol		mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.001] SJ-	-	-	ND [0.00098]	-	-	ND [0.00098] SJ-	-	-	-	ND [0.00098]

			Location	MW45	MW45	MW47	MW47	MW47	MW48	MW48	MW48	MW53	MW53	MW53
			Sample ID	11FWAMW45-GWF	11FWAMW45-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW53-GWF	11FWAMW53-GWF	11FWAMW53-GWF
			Laboratory Sample ID	29181-2	29203-16	29125-6	29125-6	29142-4	29142-16	29142-16	29175-3	29175-21	29181-6	29181-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.00041] SJ-	-	-	ND [0.00039]	-	-	ND [0.00039] SJ-	-	-	-	ND [0.00039]
SW8270	3-Nitroaniline		mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	4-Nitroaniline		mg/L	ND [0.00031] SJ-	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	-	-	ND [0.00029]
SW8270	4-Nitrophenol		mg/L	ND [0.001] SJ-	-	-	ND [0.00098]	-	-	ND [0.00098] SJ-	-	-	-	ND [0.00098]
SW8270	Acenaphthene	2.2	mg/L	ND [0.000051] SJ-	-	-	ND [0.000049]	-	-	ND [0.000049] SJ-	-	-	-	ND [0.000049]
SW8270	Acenaphthylene	2.2	mg/L	ND [0.000041] SJ-	-	-	ND [0.000039]	-	-	ND [0.000039] SJ-	-	-	-	ND [0.000039]
SW8270	Anthracene	11	mg/L	ND [0.00002] SJ-	-	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	-	-	ND [0.00002]
SW8270	Azobenzene		mg/L	ND [0.00051] SJ-	-	-	ND [0.00049]	-	-	ND [0.00049] SJ-	-	-	-	ND [0.00049]
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.000031] SJ-	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	-	-	ND [0.000029]
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002] SJ-	-	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	-	-	ND [0.00002]
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000041] SJ-	-	-	ND [0.000039]	-	-	ND [0.000039] SJ-	-	-	-	ND [0.000039]
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000031] SJ-	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	-	-	ND [0.000029]
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000031] SJ-	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	-	-	ND [0.000029]
SW8270	Benzoic acid	150	mg/L	ND [0.001] SJ-	-	-	0.00062 [0.00098] J,B	-	-	0.00053 [0.00098] J, B, SJ-	-	-	-	ND [0.00098]
SW8270	Benzyl alcohol		mg/L	ND [0.0002] SJ-	-	-	0.000054 [0.0002] J	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Benzyl butyl phthalate	7.3	mg/L	ND [0.00031] SJ-	-	-	ND [0.00029]	-	-	0.0001 [0.00029] J, SJ-	-	-	-	ND [0.00029]
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015] SJ-	-	-	ND [0.0015]	-	-	ND [0.0015] SJ-	-	-	-	ND [0.0015]
SW8270	Carbazole	0.043	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Chrysene	0.12	mg/L	ND [0.00002] SJ-	-	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	-	-	ND [0.00002]
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000031] SJ-	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	-	-	ND [0.000029]
SW8270	Dibenzofuran	0.073	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Diethyl phthalate	29	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Dimethyl phthalate	370	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.000079 [0.0002] J, B, SJ-	-	-	0.00009 [0.0002] J, B	-	-	0.00012 [0.0002] J, B, SJ-	-	-	-	0.000067 [0.0002] J, B
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Fluoranthene	1.5	mg/L	ND [0.000026] SJ-	-	-	ND [0.000025]	-	-	ND [0.000025] SJ-	-	-	-	ND [0.000025]
SW8270	Fluorene	1.5	mg/L	ND [0.000031] SJ-	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	-	-	ND [0.000029]
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Hexachlorobutadiene	0.0073	mg/L	ND [0.00031] SJ-	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	-	-	ND [0.00029]
SW8270	Hexachloroethane	0.04	mg/L	ND [0.00031] SJ-	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	-	-	ND [0.00029]
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000031] SJ-	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	-	-	ND [0.000029]
SW8270	Isophorone	0.9	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Naphthalene	0.73	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Nitrobenzene	0.018	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.001] E., SJ-*	-	-	*ND [0.00098] E*	-	-	*ND [0.00098] E, SJ-*	-	-	-	*ND [0.00098] E*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.0002] SJ-	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002]
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00036] SJ-	-	-	ND [0.00034]	-	-	ND [0.00034] SJ-	-	-	-	ND [0.00034]
SW8270	Phenanthrene	11	mg/L	ND [0.000041] SJ-	-	-	ND [0.000039]	-	-	ND [0.000039] SJ-	-	-	-	0.000012 [0.000039] J, B
SW8270	Phenol	11	mg/L	ND [0.00031] SJ-	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	-	-	ND [0.00029]
SW8270	Pyrene	1.1	mg/L	ND [0.000031] SJ-	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	-	-	ND [0.000029]
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013] SJ-	-	-	ND [0.000013]	-	-	ND [0.000013] SJ-	-	-	-	ND [0.000013]
8270SIM	Acenaphthene	2.2	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Anthracene	11	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002] SJ-	-	-	ND [0.00002]	-	-	ND [0.00002] SJ-	-	-	-	ND [0.00002]
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]

			Location	MW45	MW45	MW47	MW47	MW47	MW48	MW48	MW48	MW53	MW53	MW53
			Sample ID	11FWAMW45-GWF	11FWAMW45-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW47-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW53-GWF	11FWAMW53-GWF	11FWAMW53-GWF
			Laboratory Sample ID	29181-2	29203-16	29125-6	29125-6	29142-4	29142-16	29142-16	29175-3	29175-21	29181-6	29181-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Chrysene	0.12	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Fluoranthene	1.5	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Fluorene	1.5	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Naphthalene	0.73	mg/L	0.0000037 [0.00001] J, SJ-	-	-	0.0000039 [0.0000098] J	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Phenanthrene	11	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
8270SIM	Pyrene	1.1	mg/L	ND [0.00001] SJ-	-	-	ND [0.0000098]	-	-	ND [0.0000098] SJ-	-	-	-	ND [0.0000098]
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	ND [0.001]	-	-	ND [0.00099] SJ-	-	-	-	ND [0.0001]	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	-	ND [0.0001]	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	-	ND [0.0001]	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	-	ND [0.0001]	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0001]	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0001]	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0001]	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0001]	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002] SJ-	-	-	-	ND [0.0001]	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	-	ND [0.0001]	-
SW8330	Nitrobenzene	0.018	mg/L	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	-	ND [0.0001]	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	-	ND [0.0005]	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.0004]	-	-	ND [0.0004] SJ-	-	-	-	ND [0.0001]	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	-	ND [0.001]	-	-	ND [0.00099] SJ-	-	-	-	ND [0.0001]	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW56	MW56	MW56	MW57	MW57	MW57	MW58	MW58	MW61	MW61	MW61	MW62
			Sample ID	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW58-GWF	11FWAMW58-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW62-GWF
			Laboratory Sample ID	29125-3	29125-3	29175-5	29142-17	29142-17	29175-4	29203-7	29203-7	29142-13	29142-13	29175-1	29175-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/8/2011	10/8/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	ND [0.05]	-	-	ND [0.05]	-	0.027 [0.05] J, B, SJ-	-	-	ND [0.05] SJ-	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.17 [0.098]	-	-	0.058 [0.098] J	-	-	1.3 [0.094] SJ-	-	0.11 [0.1] SJ-	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.097 [0.098] J	-	-	0.07 [0.098] J	-	-	0.19 [0.094] SJ-	-	0.1 [0.1] SJ-	-	-
SW6010B	Aluminum		mg/L	-	ND [1]	-	-	ND [1]	-	-	ND [1] SJ-	-	ND [1] SJ-	-	-
SW6010B	Boron		mg/L	-	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5] SJ-	-	ND [2.5] SJ-	-	-
SW6010B	Calcium		mg/L	-	100 [1.1]	-	-	90 [1.1]	-	-	94 [1.1] SJ-	-	95 [1.1] SJ-	-	-
SW6010B	Iron		mg/L	-	13 [0.2]	-	-	0.86 [0.2]	-	-	14 [0.2] SJ-	-	10 [0.2] SJ-	-	-
SW6010B	Magnesium		mg/L	-	22 [1.1]	-	-	23 [1.1]	-	-	23 [1.1] SJ-	-	23 [1.1] SJ-	-	-
SW6010B	Potassium		mg/L	-	6 [3.3]	-	-	4.7 [3.3]	-	-	5 [3.3] SJ-	-	5.4 [3.3] SJ-	-	-
SW6010B	Sodium		mg/L	-	6 [2]	-	-	4.9 [2]	-	-	4.8 [2] SJ-	-	5.5 [2] SJ-	-	-
SW6020	Antimony	0.006	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-
SW6020	Arsenic	0.01	mg/L	-	**0.023 [0.005]**	-	-	ND [0.005]	-	-	**0.015 [0.005] SJ-**	-	**0.017 [0.005] SJ-**	-	-
SW6020	Barium	2	mg/L	-	0.18 [0.006]	-	-	0.058 [0.006]	-	-	0.29 [0.006] SJ-	-	0.17 [0.006] SJ-	-	-
SW6020	Beryllium	0.004	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-
SW6020	Cadmium	0.005	mg/L	-	ND [0.002]	-	-	0.00016 [0.002] J	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-
SW6020	Chromium	0.1	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-
SW6020	Cobalt		mg/L	-	0.0011 [0.002] J	-	-	0.00055 [0.002] J	-	-	0.0016 [0.002] J, SJ-	-	0.00031 [0.002] J, SJ-	-	-
SW6020	Copper	1	mg/L	-	0.00071 [0.005] J	-	-	0.0024 [0.005] J	-	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-
SW6020	Lead	0.015	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-
SW6020	Manganese		mg/L	-	1.3 [0.002]	-	-	0.24 [0.002]	-	-	0.99 [0.002] SJ-	-	1.5 [0.002] SJ-	-	-
SW6020	Nickel	0.1	mg/L	-	0.0041 [0.015] J	-	-	0.0031 [0.015] J	-	-	ND [0.015] SJ-	-	ND [0.015] SJ-	-	-
SW6020	Selenium	0.05	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-
SW6020	Silver	0.1	mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002] SJ-	-	ND [0.002] SJ-	-	-
SW6020	Thallium	0.002	mg/L	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	-
SW6020	Vanadium	0.26	mg/L	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01] SJ-	-	ND [0.01] SJ-	-	-
SW6020	Zinc	5	mg/L	-	0.005 [0.007] J	-	-	ND [0.007]	-	-	ND [0.007] SJ-	-	ND [0.007] SJ-	-	-
SW7470A	Mercury	0.002	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	0.00021 [0.0002] SJ-	-	0.000095 [0.0002] J, SJ-	-	-
SW8081	4,4'-DDD		mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	4,4'-DDE	0.0025	mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	4,4'-DDT	0.0025	mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	Aldrin	0.00005	mg/L	-	ND [0.0000094]	-	-	ND [0.0000097]	-	-	ND [0.0000094] SJ-	-	ND [0.0000097] SJ-	-	-
SW8081	alpha-BHC	0.00014	mg/L	-	ND [0.0000094]	-	-	ND [0.0000097]	-	-	ND [0.0000094] SJ-	-	ND [0.0000097] SJ-	-	-
SW8081	alpha-Chlordane	0.002	mg/L	-	ND [0.0000094]	-	-	ND [0.0000097]	-	-	ND [0.0000094] SJ-	-	ND [0.0000097] SJ-	-	-
SW8081	beta-BHC	0.00047	mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	delta-BHC		mg/L	-	ND [0.0000094]	-	-	ND [0.0000097]	-	-	ND [0.0000094] SJ-	-	ND [0.0000097] SJ-	-	-
SW8081	Dieldrin	0.000053	mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	Endosulfan I		mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	Endosulfan II		mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	Endosulfan sulfate		mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	Endrin	0.002	mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	Endrin aldehyde		mg/L	-	ND [0.000047]	-	-	ND [0.000049]	-	-	ND [0.000047] SJ-	-	ND [0.000049] SJ-	-	-
SW8081	Endrin ketone		mg/L	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019] SJ-	-	ND [0.000019] SJ-	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	ND [0.0000094]	-	-	ND [0.0000097]	-	-	ND [0.0000094] SJ-	-	ND [0.0000097] SJ-	-	-
SW8081	gamma-Chlordane	0.002	mg/L	-	ND [0.0000094]	-	-	ND [0.0000097]	-	-	ND [0.0000094] SJ-	-	ND [0.0000097] SJ-	-	-
SW8081	Heptachlor	0.0004	mg/L	-	ND [0.0000094]	-	-	ND [0.0000097]	-	-	ND [0.0000094] SJ-	-	ND [0.0000097] SJ-	-	-
SW8081	Heptachlor epoxide	0.0002	mg/L	-	ND [0.0000094]	-	-	ND [0.0000097]	-	-	ND [0.0000094] SJ-	-	ND [0.0000097] SJ-	-	-

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Fall 2011 Sampling Event

			Location	MW56	MW56	MW56	MW57	MW57	MW57	MW58	MW58	MW61	MW61	MW61	MW62
			Sample ID	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW58-GWF	11FWAMW58-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW62-GWF
			Laboratory Sample ID	29125-3	29125-3	29175-5	29142-17	29142-17	29175-4	29203-7	29203-7	29142-13	29142-13	29175-1	29175-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/8/2011	10/8/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8081	Methoxychlor	0.04	mg/L	-	ND [0.000094]	-	-	ND [0.000097]	-	-	ND [0.000094] SJ-	-	ND [0.000097] SJ-	-	-
SW8081	Toxaphene	0.003	mg/L	-	ND [0.00094]	-	-	ND [0.00097]	-	-	ND [0.00094] SJ-	-	ND [0.00097] SJ-	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	ND [0.00025]	-	-	ND [0.00026]	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	ND [0.00025]	-	-	ND [0.00026]	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	-
SW8151A	2,4-D	0.07	mg/L	-	ND [0.00025]	-	-	ND [0.00026]	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	-
SW8151A	2,4-DB		mg/L	-	0.000021 [0.00025] J	-	-	ND [0.00026]	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	-
SW8151A	4-Nitrophenol		mg/L	-	ND [0.00025]	-	-	ND [0.00026]	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	-
SW8151A	Dalapon		mg/L	-	ND [0.00039]	-	-	ND [0.00041]	-	-	ND [0.00041] SJ-	-	ND [0.00026] SJ-	-	-
SW8151A	Dicamba		mg/L	-	ND [0.00025]	-	-	ND [0.00026]	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	-
SW8151A	Dichlorprop		mg/L	-	ND [0.00025]	-	-	ND [0.00026]	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	-
SW8151A	Dinoseb		mg/L	-	0.000057 [0.00025] J	-	-	ND [0.00026]	-	-	ND [0.00026] SJ-	-	ND [0.00026] SJ-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,1-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	*ND [0.001] E, SJ-*	-	-	*ND [0.001] E, SJ-*	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002] JH, SJ-	-	-	ND [0.002] S	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	-	*ND [0.001] E*	-	-	*ND [0.001] E*	-	*ND [0.001] E, SJ-*	-	-	*ND [0.001] E, SJ-*	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,3-Dichloropropane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	2,2-Dichloropropane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	2-Butanone	22	mg/L	-	-	ND [0.01]	-	-	ND [0.01]	-	ND [0.01] SJ-	-	-	ND [0.01] SJ-	-
SW8260	2-Chlorotoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	2-Hexanone		mg/L	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005] SJ-	-	-	ND [0.005] SJ-	-
SW8260	4-Chlorotoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	4-Isopropyltoluene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005] SJ-	-	-	ND [0.005] SJ-	-
SW8260	Acetone	33	mg/L	-	-	ND [0.01]	-	-	ND [0.01]	-	ND [0.01] JH, SJ-	-	-	ND [0.01] SJ-	-
SW8260	Benzene	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Bromobenzene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Bromochloromethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Bromodichloromethane	0.014	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Bromoform	0.11	mg/L	-	-	ND [0.001] JL-	-	-	ND [0.001] JL-	-	ND [0.001] JH, SJ-	-	-	ND [0.001] JL-, SJ-	-
SW8260	Bromomethane	0.051	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005] JH, SJ-	-	-	ND [0.005] SJ-	-
SW8260	Carbon disulfide	3.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	0.00023 [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Chlorobenzene	0.1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Chloroethane	0.29	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005] SJ-	-	-	ND [0.005] SJ-	-

			Location	MW56	MW56	MW56	MW57	MW57	MW57	MW58	MW58	MW61	MW61	MW61	MW62
			Sample ID	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW58-GWF	11FWAMW58-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW62-GWF
			Laboratory Sample ID	29125-3	29125-3	29175-5	29142-17	29142-17	29175-4	29203-7	29203-7	29142-13	29142-13	29175-1	29175-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/8/2011	10/8/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8260	Chloroform	0.14	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Chloromethane	0.066	mg/L	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005] JH, SJ-	-	-	ND [0.005] SJ-	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	-	0.00032 [0.001] J	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	0.0072 [0.001] SJ-	-
SW8260	cis-1,3-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Dibromochloromethane	0.01	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Dibromomethane		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Ethylbenzene	0.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Isopropylbenzene	3.7	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Methylene chloride	0.005	mg/L	-	-	ND [0.003]	-	-	ND [0.003]	-	ND [0.003] SJ-	-	-	ND [0.003] SJ-	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Naphthalene	0.73	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	n-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	n-Propylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	o-Xylene	10	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	sec-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Styrene	0.1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	tert-Butylbenzene	0.37	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	-	0.00031 [0.001] J	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Toluene	1	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	-	0.00016 [0.001] J	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	0.0098 [0.001] SJ-	-
SW8260	trans-1,3-Dichloropropene		mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	ND [0.001] SJ-	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	-	0.0029 [0.001]	-	-	ND [0.001]	-	ND [0.001] SJ-	-	-	0.0037 [0.001] SJ-	-
SW8260	Trichlorofluoromethane	11	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] JH, SJ-	-	-	ND [0.001] SJ-	-
SW8260	Vinyl chloride	0.002	mg/L	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001] JH, SJ-	-	-	ND [0.001] SJ-	-
SW8260	Xylene, Isomers m & p	10	mg/L	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002] SJ-	-	-	ND [0.002] SJ-	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	-	0.00043 [0.0004]	-	-	ND [0.0004]	-	0.000031 [0.0004] J, B, SJ-	-	-	0.00041 [0.0004] SJ-	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	-	0.0039 [0.0007]	-	-	ND [0.0007]	-	0.00041 [0.0007] J, SJ-	-	-	0.0018 [0.0007] SJ-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	-	ND [0.0001]	-	-	ND [0.0001]	-	ND [0.0001] SJ-	-	-	ND [0.0001] SJ-	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	-	0.000043 [0.0005] J, B	-	-	0.000064 [0.0005] J, B	-	0.000032 [0.0005] J, SJ-	-	-	0.000071 [0.0005] J, B, SJ-	-
SW8260B	Benzene	0.005	mg/L	-	-	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005] SJ-	-	-	ND [0.0005] SJ-	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	-	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005] SJ-	-	-	ND [0.0005] SJ-	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	-	0.00024 [0.0005] J, B	-	-	0.000025 [0.0005] J, B	-	ND [0.0005] SJ-	-	-	0.00007 [0.0005] J, B, SJ-	-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	-	0.0027 [0.0005]	-	-	0.000025 [0.0005] J, B	-	0.000032 [0.0005] J, B, SJ-	-	-	0.0034 [0.0005] SJ-	-
SW8260B	Vinyl chloride	0.002	mg/L	-	-	0.001 [0.0002]	-	-	ND [0.0002]	-	0.000091 [0.0002] J, B, SJ-	-	-	0.00038 [0.0002] SJ-	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	0.0019 [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	ND [0.001]	-	-	ND [0.00098]	-	-	ND [0.00096] SJ-	-	ND [0.001] SJ-	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	ND [0.0025]	-	-	ND [0.0025]	-	-	ND [0.0024] SJ-	-	ND [0.0026] SJ-	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-	-	-
SW8270	2-Chlorophenol	0.18	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.0019] SJ-	-	ND [0.002] SJ-	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	ND [0.0001]	-	-	ND [0.000098]	-	-	ND [0.000096] SJ-	-	ND [0.0001] SJ-	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	2-Nitroaniline		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	2-Nitrophenol		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	ND [0.001]	-	-	ND [0.00098]	-	-	ND [0.00096] SJ-	-	ND [0.001] SJ-	-	-

			Location	MW56	MW56	MW56	MW57	MW57	MW57	MW58	MW58	MW61	MW61	MW61	MW62
			Sample ID	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW58-GWF	11FWAMW58-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW62-GWF
			Laboratory Sample ID	29125-3	29125-3	29175-5	29142-17	29142-17	29175-4	29203-7	29203-7	29142-13	29142-13	29175-1	29175-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/8/2011	10/8/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00038] SJ-	-	ND [0.00041] SJ-	-	-
SW8270	3-Nitroaniline		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	4-Chloroaniline	0.016	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	4-Nitroaniline		mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	-
SW8270	4-Nitrophenol		mg/L	-	ND [0.001]	-	-	ND [0.00098]	-	-	ND [0.00096] SJ-	-	ND [0.001] SJ-	-	-
SW8270	Acenaphthene	2.2	mg/L	-	ND [0.00005]	-	-	ND [0.000049]	-	-	ND [0.000048] SJ-	-	ND [0.000051] SJ-	-	-
SW8270	Acenaphthylene	2.2	mg/L	-	ND [0.00004]	-	-	ND [0.000039]	-	-	ND [0.000038] SJ-	-	ND [0.000041] SJ-	-	-
SW8270	Anthracene	11	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	ND [0.00002] SJ-	-	-
SW8270	Azobenzene		mg/L	-	ND [0.0005]	-	-	ND [0.00049]	-	-	ND [0.00048] SJ-	-	ND [0.00051] SJ-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	ND [0.00002] SJ-	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00004]	-	-	ND [0.000039]	-	-	ND [0.000038] SJ-	-	ND [0.000041] SJ-	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-	-	-
SW8270	Benzoic acid	150	mg/L	-	0.00064 [0.001] J,B	-	-	0.00055 [0.00098] J,B	-	-	ND [0.00096] SJ-	-	0.00068 [0.001] J, B, SJ-	-	-
SW8270	Benzyl alcohol		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	-	ND [0.0015]	-	-	0.0013 [0.0014] J, SJ-	-	ND [0.0015] SJ-	-	-
SW8270	Carbazole	0.043	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Chrysene	0.12	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	ND [0.00002] SJ-	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-	-	-
SW8270	Dibenzofuran	0.073	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Diethyl phthalate	29	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Dimethyl phthalate	370	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	0.000079 [0.0002] J, B	-	-	0.00012 [0.0002] J,B	-	-	ND [0.00019] SJ-	-	0.00012 [0.0002] J, B, SJ-	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Fluoranthene	1.5	mg/L	-	ND [0.000025]	-	-	ND [0.000025]	-	-	ND [0.000024] SJ-	-	ND [0.000026] SJ-	-	-
SW8270	Fluorene	1.5	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	-
SW8270	Hexachloroethane	0.04	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-	-	-
SW8270	Isophorone	0.9	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Naphthalene	0.73	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Nitrobenzene	0.018	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	*ND [0.001] E*	-	-	*ND [0.00098] E*	-	-	*ND [0.00096] E, SJ-*	-	*ND [0.001] E, SJ-*	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.00019] SJ-	-	ND [0.0002] SJ-	-	-
SW8270	Pentachlorophenol	0.001	mg/L	-	ND [0.00035]	-	-	ND [0.00034]	-	-	ND [0.00034] SJ-	-	ND [0.00036] SJ-	-	-
SW8270	Phenanthrene	11	mg/L	-	ND [0.00004]	-	-	ND [0.000039]	-	-	ND [0.000038] SJ-	-	ND [0.000041] SJ-	-	-
SW8270	Phenol	11	mg/L	-	ND [0.0003]	-	-	ND [0.00029]	-	-	ND [0.00029] SJ-	-	ND [0.00031] SJ-	-	-
SW8270	Pyrene	1.1	mg/L	-	ND [0.00003]	-	-	ND [0.000029]	-	-	ND [0.000029] SJ-	-	ND [0.000031] SJ-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	-	ND [0.000013]	-	-	ND [0.000013]	-	-	0.000068 [0.000013] SJ-	-	ND [0.000013] SJ-	-	-
8270SIM	Acenaphthene	2.2	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	0.000014 [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Acenaphthylene	2.2	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Anthracene	11	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	0.000029 [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	-	ND [0.00002]	-	-	ND [0.00002]	-	-	ND [0.000019] SJ-	-	ND [0.00002] SJ-	-	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-

			Location	MW56	MW56	MW56	MW57	MW57	MW57	MW58	MW58	MW61	MW61	MW61	MW62
			Sample ID	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW57-GWF	11FWAMW58-GWF	11FWAMW58-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW62-GWF
			Laboratory Sample ID	29125-3	29125-3	29175-5	29142-17	29142-17	29175-4	29203-7	29203-7	29142-13	29142-13	29175-1	29175-7
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/8/2011	10/8/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TADC	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Chrysene	0.12	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Fluoranthene	1.5	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	0.0000088 [0.0000096] J, SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Fluorene	1.5	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	0.000011 [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	ND [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Naphthalene	0.73	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	0.000017 [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
8270SIM	Phenanthrene	11	mg/L	-	0.00001 [0.00001]	-	-	ND [0.0000098]	-	-	0.000035 [0.0000096] SJ-	-	0.0000055 [0.00001] J, SJ-	-	-
8270SIM	Pyrene	1.1	mg/L	-	ND [0.00001]	-	-	ND [0.0000098]	-	-	0.000015 [0.0000096] SJ-	-	ND [0.00001] SJ-	-	-
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	ND [0.00053] SJ-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	ND [0.00053] SJ-	-	-	-	-	-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	ND [0.00011] SJ-	-	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	ND [0.00098]	-	-	ND [0.00098]	-	-	-	-	ND [0.001] SJ-	-	-	ND [0.0098]
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	ND [0.00039]	-	-	ND [0.00039]	-	-	-	-	ND [0.0004] SJ-	-	-	ND [0.0039]
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	ND [0.00039]	-	-	ND [0.00039]	-	-	-	-	ND [0.0004] SJ-	-	-	ND [0.0039]
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.00039]	-	-	ND [0.00039]	-	-	-	-	ND [0.0004] SJ-	-	-	*ND [0.0039] E*
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	-	-	ND [0.0002] SJ-	-	-	*ND [0.002] E*
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	-	-	ND [0.0002] SJ-	-	-	ND [0.002]
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	-	-	ND [0.0002] SJ-	-	-	ND [0.002]
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	-	-	ND [0.0002] SJ-	-	-	ND [0.002]
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	ND [0.0002]	-	-	ND [0.0002]	-	-	-	-	ND [0.0002] SJ-	-	-	ND [0.002]
SW8330	m-Nitrotoluene	0.73	mg/L	ND [0.00039]	-	-	ND [0.00039]	-	-	-	-	ND [0.0004] SJ-	-	-	ND [0.0039]
SW8330	Nitrobenzene	0.018	mg/L	ND [0.00039]	-	-	ND [0.00039]	-	-	-	-	ND [0.0004] SJ-	-	-	0.002 [0.0039]
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	ND [0.00039]	-	-	ND [0.00039]	-	-	-	-	ND [0.0004] SJ-	-	-	ND [0.0039]
SW8330	o-Nitrotoluene	0.0037	mg/L	ND [0.00039]	-	-	ND [0.00039]	-	-	-	-	ND [0.0004] SJ-	-	-	ND [0.0039]
SW8330	p-Nitrotoluene	0.05	mg/L	ND [0.00098]	-	-	ND [0.00098]	-	-	-	-	ND [0.001] SJ-	-	-	ND [0.0098]

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW62	MW64	MW64	MW64B	MW64B	MW69	MW69	MW69	MW70	MW70	MW70
			Sample ID	11FWAMW62-GWF	11FWAMW64-GWF	11FWAMW64-GWF	11FWAMW64-GWBF	11FWAMW64-GWBF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW70-GWF	11FWAMW70-GWF	11FWAMW70-GWF
			Laboratory Sample ID	29175-7	29175-16	29175-16	29175-15	29175-15	29181-1	29181-1	29203-15	29175-20	29181-5	29181-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**											
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	ND [0.05]	-	ND [0.05]	-	ND [0.05]	-	-	0.031 [0.05] J, B	ND [0.05]	-	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	**18 [0.5]**	-	0.34 [0.098] J, JM-	-	0.32 [0.1]	-	0.059 [0.097] J	-	-	-	0.088 [0.098] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	**5 [0.1]**	-	0.2 [0.098]	-	0.21 [0.1]	-	0.075 [0.097] J	-	-	-	0.088 [0.098] J
SW6010B	Aluminum		mg/L	ND [1]	-	ND [1]	-	0.47 [1] J	-	ND [1]	-	-	-	ND [1]
SW6010B	Boron		mg/L	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-	-	-	0.18 [2.5] J
SW6010B	Calcium		mg/L	220 [1.1]	-	85 [1.1]	-	86 [1.1]	-	63 [1.1]	-	-	-	130 [1.1]
SW6010B	Iron		mg/L	2.3 [0.2]	-	12 [0.2]	-	12 [0.2]	-	3.6 [0.2]	-	-	-	ND [0.2]
SW6010B	Magnesium		mg/L	64 [1.1]	-	20 [1.1]	-	20 [1.1]	-	17 [1.1]	-	-	-	40 [1.1]
SW6010B	Potassium		mg/L	10 [3.3]	-	5.5 [3.3]	-	5.4 [3.3]	-	4.5 [3.3]	-	-	-	7.7 [3.3]
SW6010B	Sodium		mg/L	12 [2]	-	5.8 [2]	-	5.9 [2]	-	5.8 [2]	-	-	-	7 [2]
SW6020	Antimony	0.006	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	-	0.0017 [0.002] J
SW6020	Arsenic	0.01	mg/L	ND [0.005]	-	**0.021 [0.005]**	-	**0.018 [0.005]**	-	0.0051 [0.005]	-	-	-	ND [0.005]
SW6020	Barium	2	mg/L	0.33 [0.006]	-	0.24 [0.006]	-	0.24 [0.006]	-	0.18 [0.006]	-	-	-	0.15 [0.006]
SW6020	Beryllium	0.004	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	-	ND [0.002]
SW6020	Cadmium	0.005	mg/L	0.00018 [0.002] J	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	-	0.00017 [0.002] J
SW6020	Chromium	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	-	ND [0.002]
SW6020	Cobalt		mg/L	0.0048 [0.002]	-	0.00024 [0.002] J	-	0.00023 [0.002] J	-	0.00053 [0.002] J, JM+	-	-	-	0.0013 [0.002] J
SW6020	Copper	1	mg/L	0.0051 [0.005]	-	ND [0.005]	-	ND [0.005]	-	0.0013 [0.005] J, JM+	-	-	-	0.0067 [0.005]
SW6020	Lead	0.015	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	-	ND [0.002]
SW6020	Manganese		mg/L	2.7 [0.002]	-	1.3 [0.002]	-	1.3 [0.002]	-	0.49 [0.002] JM+	-	-	-	0.11 [0.002]
SW6020	Nickel	0.1	mg/L	0.01 [0.015] J	-	ND [0.015]	-	ND [0.015]	-	ND [0.015]	-	-	-	0.019 [0.015]
SW6020	Selenium	0.05	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	-	0.0083 [0.005]
SW6020	Silver	0.1	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	-	ND [0.002]
SW6020	Thallium	0.002	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	-	ND [0.005]
SW6020	Vanadium	0.26	mg/L	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	-	-	ND [0.01]
SW6020	Zinc	5	mg/L	ND [0.007]	-	0.0046 [0.007] J	-	ND [0.007]	-	ND [0.007]	-	-	-	ND [0.007]
SW7470A	Mercury	0.002	mg/L	ND [0.0002]	-	0.00053 [0.0002] JD	-	0.00009 [0.0002] J, JD	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8081	4,4'-DDD		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	Aldrin	0.00005	mg/L	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000094]	-	ND [0.0000098]	-	-	-	ND [0.0000096]
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000094]	-	ND [0.0000098]	-	-	-	ND [0.0000096]
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000094]	-	ND [0.0000098]	-	-	-	ND [0.0000096]
SW8081	beta-BHC	0.00047	mg/L	ND [0.000019]	-	ND [0.000019] JM-	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	delta-BHC		mg/L	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000094]	-	ND [0.0000098]	-	-	-	ND [0.0000096]
SW8081	Dieldrin	0.000053	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	Endosulfan I		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	Endosulfan II		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	Endosulfan sulfate		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	Endrin	0.002	mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	Endrin aldehyde		mg/L	ND [0.000049]	-	ND [0.000048]	-	ND [0.000047]	-	ND [0.000049]	-	-	-	ND [0.000048]
SW8081	Endrin ketone		mg/L	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	-	-	ND [0.000019]
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000094]	-	ND [0.0000098]	-	-	-	ND [0.0000096]
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000094]	-	ND [0.0000098]	-	-	-	ND [0.0000096]
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000094]	-	ND [0.0000098]	-	-	-	ND [0.0000096]
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000094]	-	ND [0.0000098]	-	-	-	ND [0.0000096]

			Location	MW62	MW64	MW64	MW64B	MW64B	MW69	MW69	MW69	MW70	MW70	MW70
			Sample ID	11FWAMW62-GWF	11FWAMW64-GWF	11FWAMW64-GWF	11FWAMW64-GWBF	11FWAMW64-GWBF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW70-GWF	11FWAMW70-GWF	11FWAMW70-GWF
			Laboratory Sample ID	29175-7	29175-16	29175-16	29175-15	29175-15	29181-1	29181-1	29203-15	29175-20	29181-5	29181-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8081	Methoxychlor	0.04	mg/L	ND [0.000097]	-	ND [0.000096]	-	ND [0.000094]	-	ND [0.000098]	-	-	-	ND [0.000096]
SW8081	Toxaphene	0.003	mg/L	ND [0.00097]	-	ND [0.00096]	-	ND [0.00094]	-	ND [0.00098]	-	-	-	ND [0.00096]
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00027]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00027]	-	-	-	ND [0.00026]
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00027]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00027]	-	-	-	ND [0.00026]
SW8151A	2,4-D	0.07	mg/L	ND [0.00027]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00027]	-	-	-	ND [0.00026]
SW8151A	2,4-DB		mg/L	ND [0.00027]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00027]	-	-	-	ND [0.00026]
SW8151A	4-Nitrophenol		mg/L	ND [0.00027]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00027]	-	-	-	ND [0.00026]
SW8151A	Dalapon		mg/L	ND [0.00043]	-	ND [0.0004]	-	ND [0.00042]	-	ND [0.00043]	-	-	-	ND [0.00041]
SW8151A	Dicamba		mg/L	ND [0.00027]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00027]	-	-	-	ND [0.00026]
SW8151A	Dichlorprop		mg/L	ND [0.00027]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00027]	-	-	-	ND [0.00026]
SW8151A	Dinoseb		mg/L	ND [0.00027]	-	ND [0.00025]	-	ND [0.00026]	-	ND [0.00027]	-	-	-	ND [0.00026]
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,1-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E*	-	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002] JH	ND [0.002]	-	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E*	-	*ND [0.001] E*	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E*	-	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,3-Dichloropropane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	2,2-Dichloropropane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	2-Butanone	22	mg/L	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	-	ND [0.01]	ND [0.01]	-	-
SW8260	2-Chlorotoluene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	2-Hexanone		mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	-	-
SW8260	4-Chlorotoluene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	4-Isopropyltoluene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	-	-
SW8260	Acetone	33	mg/L	ND [0.01] JL-	-	ND [0.01] JL-, JM-	-	ND [0.01] JL-	-	-	ND [0.01] JH	ND [0.01] JL-	-	-
SW8260	Benzene	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Bromobenzene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Bromochloromethane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Bromoform	0.11	mg/L	ND [0.001] JL-	-	ND [0.001] JL-, JM-	-	ND [0.001] JL-	-	-	ND [0.001] JH	ND [0.001] JL-	-	-
SW8260	Bromomethane	0.051	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005] JH	ND [0.005]	-	-
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Chloroethane	0.29	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	ND [0.005]	-	-

			Location	MW62	MW64	MW64	MW64B	MW64B	MW69	MW69	MW69	MW70	MW70	MW70
			Sample ID	11FWAMW62-GWF	11FWAMW64-GWF	11FWAMW64-GWF	11FWAMW64-GWBF	11FWAMW64-GWBF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW70-GWF	11FWAMW70-GWF	11FWAMW70-GWF
			Laboratory Sample ID	29175-7	29175-16	29175-16	29175-15	29175-15	29181-1	29181-1	29203-15	29175-20	29181-5	29181-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units											
SW8260	Chloroform	0.14	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Chloromethane	0.066	mg/L	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005] JH	ND [0.005]	-	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001]	-	0.00099 [0.001] J, B	-	0.00088 [0.001] J, B	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Dibromomethane		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Methylene chloride	0.005	mg/L	ND [0.003]	-	ND [0.003]	-	ND [0.003]	-	-	ND [0.003]	ND [0.003]	-	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Naphthalene	0.73	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	o-Xylene	10	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Styrene	0.1	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001] JC-	ND [0.001]	-	-
SW8260	Toluene	1	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001]	-	0.00051 [0.001] J	-	0.00041 [0.001] J	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	0.0011 [0.001]	-	0.0013 [0.001] B	-	0.0012 [0.001] B	-	-	ND [0.001]	ND [0.001]	-	-
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001] JH	ND [0.001]	-	-
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001] JH	ND [0.001]	-	-
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]	ND [0.002]	-	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	0.00011 [0.0004] J, B	-	ND [0.0004]	-	ND [0.0004]	-	-	ND [0.0004]	ND [0.0004]	-	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	0.00029 [0.0007] J	-	0.00035 [0.0007] J	-	0.00038 [0.0007] J	-	-	0.000097 [0.0007] J, B	0.0009 [0.0007]	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	-	ND [0.0002]	ND [0.0002]	-	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-	-	ND [0.0001]	ND [0.0001]	-	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	ND [0.0005]	-	0.000064 [0.0005] J	-	0.000072 [0.0005] J	-	-	ND [0.0005]	0.000047 [0.0005] J, B	-	-
SW8260B	Benzene	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005]	-	-
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005]	-	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	0.00003 [0.0005] J, B	-	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005]	-	-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	0.0011 [0.0005]	-	0.0012 [0.0005] B	-	0.0011 [0.0005] B	-	-	ND [0.0005]	ND [0.0005]	-	-
SW8260B	Vinyl chloride	0.002	mg/L	ND [0.0002]	-	0.00022 [0.0002] B	-	0.00019 [0.0002] J, B	-	-	ND [0.0002]	ND [0.0002]	-	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.0029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.0003]	-	-	-	ND [0.00029]
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.002]	-	0.000052 [0.00019] J	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.0098]	-	ND [0.00095]	-	ND [0.001]	-	ND [0.001]	-	-	-	ND [0.00098]
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.025]	-	ND [0.0024]	-	ND [0.0025]	-	ND [0.0025]	-	-	-	ND [0.0025]
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.00029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.00003]	-	-	-	ND [0.000029]
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.02]	-	ND [0.0019]	-	ND [0.002]	-	ND [0.002]	-	-	-	ND [0.002]
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.00098]	-	ND [0.000095]	-	ND [0.0001]	-	ND [0.0001]	-	-	-	ND [0.000098]
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	2-Nitroaniline		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	2-Nitrophenol		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.0098]	-	ND [0.00095] R	-	ND [0.001]	-	ND [0.001]	-	-	-	ND [0.00098]

			Location	MW62	MW64	MW64	MW64B	MW64B	MW69	MW69	MW69	MW70	MW70	MW70
			Sample ID	11FWAMW62-GWF	11FWAMW64-GWF	11FWAMW64-GWF	11FWAMW64-GWBF	11FWAMW64-GWBF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW70-GWF	11FWAMW70-GWF	11FWAMW70-GWF
			Laboratory Sample ID	29175-7	29175-16	29175-16	29175-15	29175-15	29181-1	29181-1	29203-15	29175-20	29181-5	29181-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**											
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.0039]	-	ND [0.00038]	-	ND [0.0004]	-	ND [0.0004]	-	-	-	ND [0.00039]
SW8270	3-Nitroaniline		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	4-Nitroaniline		mg/L	ND [0.0029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.0003]	-	-	-	ND [0.00029]
SW8270	4-Nitrophenol		mg/L	ND [0.0098]	-	ND [0.00095]	-	ND [0.001]	-	ND [0.001]	-	-	-	ND [0.00098]
SW8270	Acenaphthene	2.2	mg/L	ND [0.00049]	-	ND [0.000048]	-	ND [0.00005]	-	ND [0.00005]	-	-	-	ND [0.000049]
SW8270	Acenaphthylene	2.2	mg/L	ND [0.00039]	-	ND [0.000038]	-	ND [0.00004]	-	ND [0.00004]	-	-	-	ND [0.000039]
SW8270	Anthracene	11	mg/L	ND [0.0002]	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.00002]	-	-	-	ND [0.00002]
SW8270	Azobenzene		mg/L	ND [0.0049]	-	ND [0.00048]	-	ND [0.0005]	-	ND [0.0005]	-	-	-	ND [0.00049]
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.00029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.00003]	-	-	-	ND [0.000029]
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.0002]	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.00002]	-	-	-	ND [0.00002]
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.00039]	-	ND [0.000038]	-	ND [0.00004]	-	ND [0.00004]	-	-	-	ND [0.000039]
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.00029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.00003]	-	-	-	ND [0.000029]
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.00029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.00003]	-	-	-	ND [0.000029]
SW8270	Benzoic acid	150	mg/L	ND [0.0098]	-	0.00053 [0.00095] J	-	ND [0.001]	-	0.00059 [0.001] J	-	-	-	ND [0.00098]
SW8270	Benzyl alcohol		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Benzyl butyl phthalate	7.3	mg/L	ND [0.0029]	-	ND [0.00029]	-	0.00012 [0.0003] J,B	-	0.00011 [0.0003] J	-	-	-	0.00011 [0.00029] J
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	*ND [0.002] E*	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	*ND [0.015] E*	-	ND [0.0014]	-	ND [0.0015]	-	ND [0.0015]	-	-	-	ND [0.0015]
SW8270	Carbazole	0.043	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Chrysene	0.12	mg/L	ND [0.0002]	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.00002]	-	-	-	ND [0.00002]
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	*ND [0.00029] E*	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.00003]	-	-	-	ND [0.000029]
SW8270	Dibenzofuran	0.073	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Diethyl phthalate	29	mg/L	ND [0.002]	-	0.000067 [0.00019] J, JM+, B	-	0.000053 [0.0002] J, B	-	0.000089 [0.0002] J	-	-	-	0.000068 [0.0002] J
SW8270	Dimethyl phthalate	370	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Di-n-butyl phthalate	3.7	mg/L	ND [0.002]	-	0.00011 [0.00019] J, JM+, B	-	0.000087 [0.0002] J,B	-	0.00012 [0.0002] J, B	-	-	-	0.000096 [0.0002] J, B
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Fluoranthene	1.5	mg/L	ND [0.00025]	-	ND [0.000024]	-	ND [0.000025]	-	ND [0.000025]	-	-	-	ND [0.000025]
SW8270	Fluorene	1.5	mg/L	ND [0.00029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.00003]	-	-	-	ND [0.000029]
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Hexachlorobutadiene	0.0073	mg/L	ND [0.0029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.0003]	-	-	-	ND [0.00029]
SW8270	Hexachloroethane	0.04	mg/L	ND [0.0029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.0003]	-	-	-	ND [0.00029]
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.00029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.00003]	-	-	-	ND [0.000029]
SW8270	Isophorone	0.9	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Naphthalene	0.73	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Nitrobenzene	0.018	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.0098] E*	-	*ND [0.00095] E*	-	*ND [0.001] E*	-	*ND [0.001] E*	-	-	-	*ND [0.00098] E*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	*ND [0.002] E*	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.002]	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002]	-	-	-	ND [0.0002]
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.0034]	-	ND [0.00033]	-	ND [0.00035]	-	ND [0.00035]	-	-	-	ND [0.00034]
SW8270	Phenanthrene	11	mg/L	ND [0.00039]	-	0.000011 [0.000038] J, JM+, B	-	ND [0.00004]	-	ND [0.00004]	-	-	-	ND [0.000039]
SW8270	Phenol	11	mg/L	ND [0.0029]	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.0003]	-	-	-	ND [0.00029]
SW8270	Pyrene	1.1	mg/L	ND [0.00029]	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.00003]	-	-	-	ND [0.000029]
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.00013]	-	ND [0.000012]	-	ND [0.000013]	-	ND [0.000013]	-	-	-	ND [0.000013]
8270SIM	Acenaphthene	2.2	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Anthracene	11	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.0002]	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.00002]	-	-	-	ND [0.00002]
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]

			Location	MW62	MW64	MW64	MW64B	MW64B	MW69	MW69	MW69	MW70	MW70	MW70
			Sample ID	11FWAMW62-GWF	11FWAMW64-GWF	11FWAMW64-GWF	11FWAMW64-GWBF	11FWAMW64-GWBF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW69-GWF	11FWAMW70-GWF	11FWAMW70-GWF	11FWAMW70-GWF
			Laboratory Sample ID	29175-7	29175-16	29175-16	29175-15	29175-15	29181-1	29181-1	29203-15	29175-20	29181-5	29181-5
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**											
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Chrysene	0.12	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Fluoranthene	1.5	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Fluorene	1.5	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Naphthalene	0.73	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Phenanthrene	11	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
8270SIM	Pyrene	1.1	mg/L	ND [0.000098]	-	ND [0.0000095]	-	ND [0.00001]	-	ND [0.00001]	-	-	-	ND [0.0000098]
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.00051]	-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	ND [0.00011]	-	-	-	ND [0.0001]	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	ND [0.00099]	-	ND [0.001]	-	-	-	-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	ND [0.0004]	-	ND [0.0004]	-	-	-	-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	ND [0.0004]	-	ND [0.0004]	-	-	-	-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0004]	-	ND [0.0004]	-	-	-	-	-	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	-	-	-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	-	-	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	-	-	-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	-	-	-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	ND [0.0002]	-	ND [0.0002]	-	-	-	-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	ND [0.0004]	-	ND [0.0004]	-	-	-	-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	ND [0.0004]	-	ND [0.0004]	-	-	-	-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	ND [0.0004]	-	ND [0.0004]	-	-	-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	ND [0.0004]	-	ND [0.0004]	-	-	-	-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	ND [0.00099]	-	ND [0.001]	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW76	MW77	MW77	MW78	MW78	MW78	MW79	MW79	MW80	MW80	MW80	MW81
			Sample ID	11FWAMW76-GWF	11FWAMW77-GWF	11FWAMW77-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW79-GWF	11FWAMW79-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW81-GWF
			Laboratory Sample ID	29175-11	29175-18	29175-18	29125-7	29125-7	29142-3	29142-7	29142-7	29142-18	29142-18	29175-8	29175-14
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	ND [0.05] SJ-	-	0.04 [0.05] J	-	-	0.016 [0.05] R	-	0.017 [0.05] J, B	-	-	ND [0.05]	0.082 [0.05] SJ-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.16 [0.1] SJ-	-	**4.2 [0.098]**	-	0.042 [0.1] R	-	-	0.092 [0.1] J	-	0.059 [0.1] J	-	0.13 [0.11] SJ-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.18 [0.1] SJ-	-	0.21 [0.098]	-	0.04 [0.1] R	-	-	0.083 [0.1] J	-	0.092 [0.1] J	-	0.18 [0.11] SJ-
SW6010B	Aluminum		mg/L	0.85 [1] J, SJ-	-	ND [1]	-	ND [1] R	-	-	ND [1]	-	1.2 [1]	-	ND [1] SJ-
SW6010B	Boron		mg/L	ND [2.5] SJ-	-	ND [2.5]	-	ND [2.5] R	-	-	ND [2.5]	-	ND [2.5]	-	ND [2.5] SJ-
SW6010B	Calcium		mg/L	230 [1.1] SJ-	-	99 [1.1]	-	62 [1.1] R	-	-	68 [1.1]	-	47 [1.1]	-	85 [1.1] SJ-
SW6010B	Iron		mg/L	3.6 [0.2] SJ-	-	ND [0.2]	-	7.4 [0.2] R	-	-	6.6 [0.2]	-	11 [0.2]	-	11 [0.2] SJ-
SW6010B	Magnesium		mg/L	63 [1.1] SJ-	-	36 [1.1]	-	14 [1.1] R	-	-	18 [1.1]	-	12 [1.1]	-	24 [1.1] SJ-
SW6010B	Potassium		mg/L	9.4 [3.3] SJ-	-	7.9 [3.3]	-	5.3 [3.3] R	-	-	5 [3.3]	-	3.3 [3.3]	-	4.5 [3.3] SJ-
SW6010B	Sodium		mg/L	6.7 [2] SJ-	-	7.2 [2]	-	11 [2] R	-	-	9.9 [2]	-	4.2 [2]	-	5.4 [2] SJ-
SW6020	Antimony	0.006	mg/L	0.00054 [0.002] J, SJ-	-	0.0011 [0.002] J	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] SJ-
SW6020	Arsenic	0.01	mg/L	0.0068 [0.005] SJ-	-	ND [0.005]	-	0.016 [0.005] R	-	-	**0.019 [0.005]**	-	**0.014 [0.005]**	-	**0.012 [0.005] SJ-**
SW6020	Barium	2	mg/L	0.074 [0.006] SJ-	-	0.091 [0.006]	-	0.22 [0.006] R	-	-	0.2 [0.006]	-	0.2 [0.006]	-	0.19 [0.006] SJ-
SW6020	Beryllium	0.004	mg/L	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] SJ-
SW6020	Cadmium	0.005	mg/L	0.00041 [0.002] J, SJ-	-	ND [0.002]	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] SJ-
SW6020	Chromium	0.1	mg/L	0.0014 [0.002] J, SJ-	-	ND [0.002]	-	ND [0.002] R	-	-	ND [0.002]	-	0.0017 [0.002] J	-	ND [0.002] SJ-
SW6020	Cobalt		mg/L	0.0029 [0.002] SJ-	-	0.0015 [0.002] J	-	ND [0.002] R	-	-	0.00042 [0.002] J	-	0.00052 [0.002] J	-	0.00079 [0.002] J, SJ-
SW6020	Copper	1	mg/L	0.0043 [0.005] J, SJ-	-	0.0059 [0.005]	-	ND [0.005] R	-	-	0.0011 [0.005] J	-	0.0039 [0.005] J	-	ND [0.005] SJ-
SW6020	Lead	0.015	mg/L	0.00082 [0.002] J, SJ-	-	ND [0.002]	-	ND [0.002] R	-	-	ND [0.002]	-	0.0015 [0.002] J	-	ND [0.002] SJ-
SW6020	Manganese		mg/L	0.25 [0.002] SJ-	-	0.89 [0.002]	-	0.79 [0.002] R	-	-	0.64 [0.002]	-	0.72 [0.002]	-	1.2 [0.002] SJ-
SW6020	Nickel	0.1	mg/L	0.013 [0.015] J, SJ-	-	0.0076 [0.015] J	-	ND [0.015] R	-	-	ND [0.015]	-	ND [0.015]	-	ND [0.015] SJ-
SW6020	Selenium	0.05	mg/L	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005] R	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-
SW6020	Silver	0.1	mg/L	ND [0.002] SJ-	-	ND [0.002]	-	ND [0.002] R	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] SJ-
SW6020	Thallium	0.002	mg/L	ND [0.005] SJ-	-	ND [0.005]	-	ND [0.005] R	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] SJ-
SW6020	Vanadium	0.26	mg/L	ND [0.01] SJ-	-	ND [0.01]	-	ND [0.01] R	-	-	ND [0.01]	-	0.0053 [0.01] J	-	ND [0.01] SJ-
SW6020	Zinc	5	mg/L	0.0064 [0.007] J, SJ-	-	ND [0.007]	-	ND [0.007] R	-	-	ND [0.007]	-	0.0045 [0.007] J	-	ND [0.007] SJ-
SW7470A	Mercury	0.002	mg/L	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002] R	-	-	0.00048 [0.0002]	-	0.00018 [0.0002] J	-	0.00015 [0.0002] J, SJ-
SW8081	4,4'-DDD		mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.00002] SJ-	-	0.000038 [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	Aldrin	0.00005	mg/L	ND [0.00001] SJ-	-	ND [0.0000097]	-	ND [0.0000096] R	-	-	ND [0.00001]	-	ND [0.0000098]	-	ND [0.00001] SJ-
SW8081	alpha-BHC	0.00014	mg/L	ND [0.00001] SJ-	-	ND [0.0000097]	-	ND [0.0000096] R	-	-	ND [0.00001]	-	ND [0.0000098]	-	ND [0.00001] SJ-
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.00001] SJ-	-	ND [0.0000097]	-	ND [0.0000096] R	-	-	ND [0.00001]	-	ND [0.0000098]	-	ND [0.00001] SJ-
SW8081	beta-BHC	0.00047	mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	delta-BHC		mg/L	ND [0.00001] SJ-	-	ND [0.0000097]	-	ND [0.0000096] R	-	-	ND [0.00001]	-	ND [0.0000098]	-	ND [0.00001] SJ-
SW8081	Dieldrin	0.000053	mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	Endosulfan I		mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	Endosulfan II		mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	Endosulfan sulfate		mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	Endrin	0.002	mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	Endrin aldehyde		mg/L	ND [0.00005] SJ-	-	ND [0.000049]	-	ND [0.000048] R	-	-	ND [0.00005]	-	ND [0.000049]	-	ND [0.00005] SJ-
SW8081	Endrin ketone		mg/L	ND [0.00002] SJ-	-	ND [0.000019]	-	ND [0.000019] R	-	-	ND [0.00002]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.00001] SJ-	-	ND [0.0000097]	-	ND [0.0000096] R	-	-	ND [0.00001]	-	ND [0.0000098]	-	ND [0.00001] SJ-
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.00001] SJ-	-	ND [0.0000097]	-	ND [0.0000096] R	-	-	ND [0.00001]	-	ND [0.0000098]	-	ND [0.00001] SJ-
SW8081	Heptachlor	0.0004	mg/L	ND [0.00001] SJ-	-	ND [0.0000097]	-	ND [0.0000096] R	-	-	ND [0.00001]	-	ND [0.0000098]	-	ND [0.00001] SJ-
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.00001] SJ-	-	ND [0.0000097]	-	ND [0.0000096] R	-	-	ND [0.00001]	-	ND [0.0000098]	-	ND [0.00001] SJ-

			Location	MW76	MW77	MW77	MW78	MW78	MW78	MW79	MW79	MW80	MW80	MW80	MW81
			Sample ID	11FWAMW76-GWF	11FWAMW77-GWF	11FWAMW77-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW79-GWF	11FWAMW79-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW81-GWF
			Laboratory Sample ID	29175-11	29175-18	29175-18	29125-7	29125-7	29142-3	29142-7	29142-7	29142-18	29142-18	8	29175-14
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8081	Methoxychlor	0.04	mg/L	ND [0.0001] SJ-	-	ND [0.000097]	-	ND [0.000096] R	-	-	ND [0.0001]	-	ND [0.000098]	-	ND [0.0001] SJ-
SW8081	Toxaphene	0.003	mg/L	ND [0.001] SJ-	-	ND [0.00097]	-	ND [0.00096] R	-	-	ND [0.001]	-	ND [0.00098]	-	ND [0.001] SJ-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	ND [0.0005] SJ-	-	-	-	-	-	-	-	-	-	-	ND [0.0005] SJ-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	ND [0.0005] SJ-	-	-	-	-	-	-	-	-	-	-	ND [0.0005] SJ-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	ND [0.0005] SJ-	-	-	-	-	-	-	-	-	-	-	ND [0.0005] SJ-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	ND [0.0005] SJ-	-	-	-	-	-	-	-	-	-	-	ND [0.0005] SJ-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	ND [0.0005] SJ-	-	-	-	-	-	-	-	-	-	-	ND [0.0005] SJ-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	ND [0.0005] SJ-	-	-	-	-	-	-	-	-	-	-	ND [0.0005] SJ-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	ND [0.0005] SJ-	-	-	-	-	-	-	-	-	-	-	ND [0.0005] SJ-
SW8151A	2,4,5-T		mg/L	ND [0.00029] SJ-	-	ND [0.00026]	-	ND [0.00026] R	-	-	ND [0.00025]	-	ND [0.00027]	-	ND [0.00031] SJ-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00029] SJ-	-	ND [0.00026]	-	ND [0.00026] R	-	-	ND [0.00025]	-	ND [0.00027]	-	ND [0.00031] SJ-
SW8151A	2,4-D	0.07	mg/L	ND [0.00029] SJ-	-	ND [0.00026]	-	ND [0.00026] R	-	-	ND [0.00025]	-	ND [0.00027]	-	ND [0.00031] SJ-
SW8151A	2,4-DB		mg/L	ND [0.00029] SJ-	-	ND [0.00026]	-	ND [0.00026] R	-	-	ND [0.00025]	-	ND [0.00027]	-	ND [0.00031] SJ-
SW8151A	4-Nitrophenol		mg/L	ND [0.00029] SJ-	-	ND [0.00026]	-	ND [0.00026] R	-	-	ND [0.00025]	-	ND [0.00027]	-	ND [0.00031] SJ-
SW8151A	Dalapon		mg/L	ND [0.00047] SJ-	-	ND [0.00042]	-	ND [0.00042] R	-	-	ND [0.0004]	-	ND [0.00043]	-	ND [0.0005] SJ-
SW8151A	Dicamba		mg/L	ND [0.00029] SJ-	-	ND [0.00026]	-	ND [0.00026] R	-	-	ND [0.00025]	-	ND [0.00027]	-	ND [0.00031] SJ-
SW8151A	Dichlorprop		mg/L	ND [0.00029] SJ-	-	ND [0.00026]	-	ND [0.00026] R	-	-	ND [0.00025]	-	ND [0.00027]	-	ND [0.00031] SJ-
SW8151A	Dinoseb		mg/L	ND [0.00029] SJ-	-	ND [0.00026]	-	ND [0.00026] R	-	-	ND [0.00025]	-	ND [0.00027]	-	ND [0.00031] SJ-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,1-Dichloropropene		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E, SJ-*	-	*ND [0.001] E*	-	-	ND [0.001] R	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E, SJ-*
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002]	-	ND [0.002]	-	-	ND [0.002] R	-	ND [0.002]	-	-	ND [0.002]	ND [0.002] SJ-
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E, SJ-*	-	*ND [0.001] E*	-	-	ND [0.001] R	-	*ND [0.001] E*	-	-	*ND [0.001] E*	*ND [0.001] E, SJ-*
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,3-Dichloropropane		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	2,2-Dichloropropane		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	2-Butanone	22	mg/L	ND [0.01] SJ-	-	ND [0.01]	-	-	ND [0.01] R	-	ND [0.01]	-	-	ND [0.01]	ND [0.01] SJ-
SW8260	2-Chlorotoluene		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	2-Hexanone		mg/L	ND [0.005] SJ-	-	ND [0.005]	-	-	ND [0.005] R	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-
SW8260	4-Chlorotoluene		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	4-Isopropyltoluene		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005] SJ-	-	ND [0.005]	-	-	ND [0.005] R	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-
SW8260	Acetone	33	mg/L	ND [0.01] JL-, SJ-	-	ND [0.01] JL-	-	-	ND [0.01] R	-	ND [0.01]	-	-	ND [0.01]	ND [0.01] JL-, SJ-
SW8260	Benzene	0.005	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromobenzene		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromochloromethane		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Bromoform	0.11	mg/L	ND [0.001] JL-, SJ-	-	ND [0.001] JL-	-	-	ND [0.001] R	-	ND [0.001] JL-	-	-	ND [0.001] JL-	ND [0.001] JL-, SJ-
SW8260	Bromomethane	0.051	mg/L	ND [0.005] SJ-	-	ND [0.005]	-	-	ND [0.005] R	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Chloroethane	0.29	mg/L	ND [0.005] SJ-	-	ND [0.005]	-	-	ND [0.005] R	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-

			Location	MW76	MW77	MW77	MW78	MW78	MW78	MW79	MW79	MW80	MW80	MW80	MW81
			Sample ID	11FWAMW76-GWF	11FWAMW77-GWF	11FWAMW77-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW79-GWF	11FWAMW79-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW81-GWF
			Laboratory Sample ID	29175-11	29175-18	29175-18	29125-7	29125-7	29142-3	29142-7	29142-7	29142-18	29142-18	29175-8	29175-14
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8260	Chloroform	0.14	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Chloromethane	0.066	mg/L	ND [0.005] SJ-	-	ND [0.005]	-	-	ND [0.005] R	-	ND [0.005]	-	-	ND [0.005]	ND [0.005] SJ-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001] SJ-	-	0.00032 [0.001] J, B	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Dibromomethane		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Methylene chloride	0.005	mg/L	ND [0.003] SJ-	-	ND [0.003]	-	-	ND [0.003] R	-	ND [0.003]	-	-	ND [0.003]	ND [0.003] SJ-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Naphthalene	0.73	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	o-Xylene	10	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Styrene	0.1	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Toluene	1	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Trichloroethene (TCE)	0.005	mg/L	ND [0.001] SJ-	-	0.00093 [0.001] J, B	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001] SJ-	-	ND [0.001]	-	-	ND [0.001] R	-	ND [0.001]	-	-	ND [0.001]	ND [0.001] SJ-
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002] SJ-	-	ND [0.002]	-	-	ND [0.002] R	-	ND [0.002]	-	-	ND [0.002]	ND [0.002] SJ-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.0004] SJ-	-	ND [0.0004]	-	-	ND [0.0004] R	-	ND [0.0004]	-	-	ND [0.0004]	ND [0.0004] SJ-
SW8260B	1,1-Dichloroethene	0.007	mg/L	0.00027 [0.0007] J, SJ-	-	0.00024 [0.0007] J	-	-	ND [0.0007] R	-	ND [0.0007]	-	-	0.000061 [0.0007] J, B	0.00021 [0.0007] J, SJ-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002] SJ-	-	ND [0.0002]	-	-	ND [0.0002] R	-	**0.00038 [0.0002]**	-	-	ND [0.0002]	ND [0.0002] SJ-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001] SJ-	-	ND [0.0001]	-	-	ND [0.0001] R	-	ND [0.0001]	-	-	ND [0.0001]	ND [0.0001] SJ-
SW8260B	1,2-Dichloroethane	0.005	mg/L	ND [0.0005] SJ-	-	ND [0.0005]	-	-	ND [0.0005] R	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005] SJ-
SW8260B	Benzene	0.005	mg/L	ND [0.0005] SJ-	-	ND [0.0005]	-	-	ND [0.0005] R	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005] SJ-
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005] SJ-	-	ND [0.0005]	-	-	ND [0.0005] R	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005] SJ-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.0005] SJ-	-	0.000029 [0.0005] J, B	-	-	0.000046 [0.0005] R	-	0.000032 [0.0005] J, B	-	-	0.000032 [0.0005] J, B	ND [0.0005] SJ-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	ND [0.0005] SJ-	-	0.00093 [0.0005] B	-	-	ND [0.0005] R	-	ND [0.0005]	-	-	ND [0.0005]	ND [0.0005] SJ-
SW8260B	Vinyl chloride	0.002	mg/L	ND [0.0002] SJ-	-	0.000026 [0.0002] J, B	-	-	ND [0.0002] R	-	ND [0.0002]	-	-	0.000021 [0.0002] J, B	0.000019 [0.0002] J, B, SJ-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.00029] SJ-	-	ND [0.0029]	-	ND [0.00031] R	-	-	ND [0.00028]	-	ND [0.0003]	-	ND [0.0003] SJ-
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.00096] SJ-	-	ND [0.0098]	-	ND [0.001] R	-	-	ND [0.00094]	-	ND [0.001]	-	ND [0.001] SJ-
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0024] SJ-	-	ND [0.025]	-	ND [0.0026] R	-	-	ND [0.0024]	-	ND [0.0025]	-	ND [0.0025] SJ-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.000029] SJ-	-	ND [0.00029]	-	ND [0.000031] R	-	-	ND [0.000028]	-	ND [0.00003]	-	ND [0.00003] SJ-
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.0019] SJ-	-	ND [0.02]	-	ND [0.002] R	-	-	ND [0.0019]	-	ND [0.002]	-	ND [0.002] SJ-
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.000096] SJ-	-	ND [0.00098]	-	ND [0.0001] R	-	-	ND [0.000094]	-	ND [0.0001]	-	ND [0.0001] SJ-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	2-Nitroaniline		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	2-Nitrophenol		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.00096] SJ-	-	ND [0.0098]	-	ND [0.001] R	-	-	ND [0.00094]	-	ND [0.001]	-	ND [0.001] SJ-

			Location	MW76	MW77	MW77	MW78	MW78	MW78	MW79	MW79	MW80	MW80	MW80	MW81
			Sample ID	11FWAMW76-GWF	11FWAMW77-GWF	11FWAMW77-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW79-GWF	11FWAMW79-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW81-GWF
			Laboratory Sample ID	29175-11	29175-18	29175-18	29125-7	29125-7	29142-3	29142-7	29142-7	29142-18	29142-18	29175-8	29175-14
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.00038] SJ-	-	ND [0.0039]	-	ND [0.00041] R	-	-	ND [0.00038]	-	ND [0.0004]	-	ND [0.0004] SJ-
SW8270	3-Nitroaniline		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	4-Nitroaniline		mg/L	ND [0.00029] SJ-	-	ND [0.0029]	-	ND [0.00031] R	-	-	ND [0.00028]	-	ND [0.0003]	-	ND [0.0003] SJ-
SW8270	4-Nitrophenol		mg/L	ND [0.00096] SJ-	-	ND [0.0098]	-	ND [0.001] R	-	-	ND [0.00094]	-	ND [0.001]	-	ND [0.001] SJ-
SW8270	Acenaphthene	2.2	mg/L	ND [0.000048] SJ-	-	ND [0.00049]	-	ND [0.000051] R	-	-	ND [0.000047]	-	ND [0.00005]	-	ND [0.00005] SJ-
SW8270	Acenaphthylene	2.2	mg/L	ND [0.000038] SJ-	-	ND [0.00039]	-	ND [0.000041] R	-	-	ND [0.000038]	-	ND [0.00004]	-	ND [0.00004] SJ-
SW8270	Anthracene	11	mg/L	ND [0.000019] SJ-	-	ND [0.0002]	-	ND [0.00002] R	-	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8270	Azobenzene		mg/L	ND [0.00048] SJ-	-	ND [0.0049]	-	ND [0.00051] R	-	-	ND [0.00047]	-	ND [0.0005]	-	ND [0.0005] SJ-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.000029] SJ-	-	ND [0.00029]	-	ND [0.000031] R	-	-	ND [0.000028]	-	ND [0.00003]	-	ND [0.00003] SJ-
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.000019] SJ-	-	ND [0.0002]	-	ND [0.00002] R	-	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000038] SJ-	-	ND [0.00039]	-	ND [0.000041] R	-	-	ND [0.000038]	-	ND [0.00004]	-	ND [0.00004] SJ-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000029] SJ-	-	ND [0.00029]	-	ND [0.000031] R	-	-	ND [0.000028]	-	ND [0.00003]	-	ND [0.00003] SJ-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000029] SJ-	-	ND [0.00029]	-	ND [0.000031] R	-	-	ND [0.000028]	-	ND [0.00003]	-	ND [0.00003] SJ-
SW8270	Benzoic acid	150	mg/L	0.0006 [0.00096] J, SJ-	-	ND [0.0098]	-	0.00056 [0.001] R	-	-	0.00063 [0.00094] J,B	-	0.00055 [0.001] J,B	-	0.00061 [0.001] J, SJ-
SW8270	Benzyl alcohol		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	0.000067 [0.00019] J	-	ND [0.0002]	-	0.000086 [0.0002] J, SJ-
SW8270	Benzyl butyl phthalate	7.3	mg/L	0.00014 [0.00029] J, B, SJ-	-	ND [0.0029]	-	ND [0.00031] R	-	-	ND [0.00028]	-	ND [0.0003]	-	0.0001 [0.0003] J, B, SJ-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.00019] SJ-	-	*ND [0.002] E*	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0014] SJ-	-	*ND [0.015] E*	-	0.0011 [0.0015] R	-	-	**0.034 [0.014]**	-	0.0012 [0.0015] J	-	ND [0.0015] SJ-
SW8270	Carbazole	0.043	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	Chrysene	0.12	mg/L	ND [0.000019] SJ-	-	ND [0.0002]	-	ND [0.00002] R	-	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.00002] SJ-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000029] SJ-	-	*ND [0.00029] E*	-	ND [0.000031] R	-	-	ND [0.000028]	-	ND [0.00003]	-	ND [0.00003] SJ-
SW8270	Dibenzofuran	0.073	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	Diethyl phthalate	29	mg/L	0.000084 [0.00019] J, B, SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	0.000064 [0.0002] J, B, SJ-
SW8270	Dimethyl phthalate	370	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.00014 [0.00019] J, B, SJ-	-	ND [0.002]	-	0.00009 [0.0002] R	-	-	0.00011 [0.00019] J,B	-	0.00012 [0.0002] J,B	-	0.00012 [0.0002] J, B, SJ-
SW8270	Di-n-octyl phthalate	1.5	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	0.00024 [0.0002]	-	ND [0.0002] SJ-
SW8270	Fluoranthene	1.5	mg/L	ND [0.000024] SJ-	-	ND [0.00025]	-	ND [0.000026] R	-	-	ND [0.000024]	-	ND [0.000025]	-	ND [0.000025] SJ-
SW8270	Fluorene	1.5	mg/L	ND [0.000029] SJ-	-	ND [0.00029]	-	ND [0.000031] R	-	-	ND [0.000028]	-	ND [0.00003]	-	ND [0.00003] SJ-
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	Hexachlorobutadiene	0.0073	mg/L	ND [0.00029] SJ-	-	ND [0.0029]	-	ND [0.00031] R	-	-	ND [0.00028]	-	ND [0.0003]	-	ND [0.0003] SJ-
SW8270	Hexachloroethane	0.04	mg/L	ND [0.00029] SJ-	-	ND [0.0029]	-	ND [0.00031] R	-	-	ND [0.00028]	-	ND [0.0003]	-	ND [0.0003] SJ-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000029] SJ-	-	ND [0.00029]	-	ND [0.000031] R	-	-	ND [0.000028]	-	ND [0.00003]	-	ND [0.00003] SJ-
SW8270	Isophorone	0.9	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	Naphthalene	0.73	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	Nitrobenzene	0.018	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	*ND [0.00096] E, SJ-*	-	*ND [0.0098] E*	-	ND [0.001] R	-	-	*ND [0.00094] E*	-	*ND [0.001] E*	-	*ND [0.001] E, SJ-*
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.00019] SJ-	-	*ND [0.002] E*	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.00019] SJ-	-	ND [0.002]	-	ND [0.0002] R	-	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.0002] SJ-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00034] S	-	ND [0.0034]	-	ND [0.00036] R	-	-	ND [0.00033]	-	ND [0.00035]	-	ND [0.00035] SJ-
SW8270	Phenanthrene	11	mg/L	0.00001 [0.000038] J, B, SJ-	-	ND [0.00039]	-	ND [0.000041] R	-	-	ND [0.000038]	-	ND [0.00004]	-	0.00001 [0.00004] J, B, SJ-
SW8270	Phenol	11	mg/L	ND [0.00029] SJ-	-	ND [0.0029]	-	ND [0.00031] R	-	-	ND [0.00028]	-	ND [0.0003]	-	ND [0.0003] SJ-
SW8270	Pyrene	1.1	mg/L	ND [0.000029] SJ-	-	ND [0.00029]	-	ND [0.000031] R	-	-	ND [0.000028]	-	ND [0.00003]	-	ND [0.00003] SJ-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013] SJ-	-	ND [0.00013]	-	ND [0.000013] R	-	-	ND [0.000012]	-	ND [0.000013]	-	ND [0.000013] SJ-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.0000096] SJ-	-	0.00019 [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.0000096] SJ-	-	0.0002 [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Anthracene	11	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.000019] SJ-	-	ND [0.0002]	-	ND [0.00002] R	-	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.00002] SJ-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-

			Location	MW76	MW77	MW77	MW78	MW78	MW78	MW79	MW79	MW80	MW80	MW80	MW81
			Sample ID	11FWAMW76-GWF	11FWAMW77-GWF	11FWAMW77-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW79-GWF	11FWAMW79-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW81-GWF
			Laboratory Sample ID	29175-11	29175-18	29175-18	29125-7	29125-7	29142-3	29142-7	29142-7	29142-18	29142-18	29175-8	29175-14
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/5/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011
			Laboratory Sample ID	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Chrysene	0.12	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Fluorene	1.5	mg/L	ND [0.0000096] SJ-	-	0.00034 [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
8270SIM	Naphthalene	0.73	mg/L	ND [0.0000096] SJ-	-	0.000082 [0.000098] J	-	ND [0.00001] R	-	-	ND [0.0000094]	-	0.0000047 [0.00001] J	-	ND [0.00001] SJ-
8270SIM	Phenanthrene	11	mg/L	ND [0.0000096] SJ-	-	0.000099 [0.000098]	-	ND [0.00001] R	-	-	0.0000034 [0.0000094] J	-	0.0000033 [0.00001] J	-	0.0000032 [0.00001] J, SJ-
8270SIM	Pyrene	1.1	mg/L	ND [0.0000096] SJ-	-	ND [0.000098]	-	ND [0.00001] R	-	-	ND [0.0000094]	-	ND [0.00001]	-	ND [0.00001] SJ-
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	ND [0.00099]	-	ND [0.001] R	-	-	ND [0.00099]	-	ND [0.001]	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	ND [0.0004]	-	ND [0.0004] R	-	-	ND [0.0004]	-	ND [0.0004]	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	ND [0.0004]	-	ND [0.0004] R	-	-	ND [0.0004]	-	ND [0.0004]	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	ND [0.0004]	-	ND [0.0004] R	-	-	ND [0.0004]	-	ND [0.0004]	-	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	ND [0.0002]	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002]	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	ND [0.0002]	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	ND [0.0002]	-	ND [0.0002] R	-	-	ND [0.0002]	-	ND [0.0002]	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	ND [0.0004]	-	ND [0.0004] R	-	-	ND [0.0004]	-	ND [0.0004]	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	ND [0.0004]	-	ND [0.0004] R	-	-	ND [0.0004]	-	ND [0.0004]	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	ND [0.0004]	-	ND [0.0004] R	-	-	ND [0.0004]	-	ND [0.0004]	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	0.0004 [0.0004] JS+	-	ND [0.0004] R	-	-	ND [0.0004]	-	ND [0.0004]	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	ND [0.00099]	-	ND [0.001] R	-	-	ND [0.00099]	-	ND [0.001]	-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW82	MW83	MW84	MW85	MW85B	MW86	MW87	MW88	MW89	MW90	MW91	MW91
			Sample ID	11FWAMW82-GWF	11FWAMW83-GWF	11FWAMW84-GWF	11FWAMW85-GWF	11FWAMW85-GWBF	11FWAMW86-GWF	11FWAMW87-GWF	11FWAMW88-GWF	11FWAMW89-GWF	11FWAMW90-GWF	11FWAMW91-GWF	11FWAMW91-GWF
			Laboratory Sample ID	29203-1	29203-2	29203-18	29203-4	29203-10	29203-6	29203-5	29203-19	29203-9	29203-17	29203-12	29332-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/8/2011	10/8/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.068 [0.097] J, SJ-	0.055 [0.1] J	0.1 [0.097]	0.08 [0.099] J, JM-	0.056 [0.098] J	0.042 [0.094] J	0.033 [0.098] J	0.056 [0.096] J	0.08 [0.099] J	0.073 [0.097] J	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.06 [0.097] J, SJ-	0.041 [0.1] J	0.11 [0.097]	0.063 [0.099] J	0.055 [0.098] J	0.044 [0.094] J	0.03 [0.098] J	0.062 [0.096] J	0.054 [0.099] J	0.085 [0.097] J	-	-
SW6010B	Aluminum		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6010B	Boron		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6010B	Calcium		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6010B	Iron		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6010B	Magnesium		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6010B	Potassium		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6010B	Sodium		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Antimony	0.006	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Arsenic	0.01	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Barium	2	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Beryllium	0.004	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Cadmium	0.005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Chromium	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Cobalt		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Copper	1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Lead	0.015	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Manganese		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Nickel	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Selenium	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Silver	0.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Thallium	0.002	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Vanadium	0.26	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW6020	Zinc	5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW7470A	Mercury	0.002	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	4,4'-DDD		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	4,4'-DDE	0.0025	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	4,4'-DDT	0.0025	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Aldrin	0.00005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	alpha-BHC	0.00014	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	alpha-Chlordane	0.002	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	beta-BHC	0.00047	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	delta-BHC		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Dieldrin	0.000053	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Endosulfan I		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Endosulfan II		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Endosulfan sulfate		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Endrin	0.002	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Endrin aldehyde		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Endrin ketone		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	gamma-Chlordane	0.002	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Heptachlor	0.0004	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Heptachlor epoxide	0.0002	mg/L	-	-	-	-	-	-	-	-	-	-	-	-

			Location	MW82	MW83	MW84	MW85	MW85B	MW86	MW87	MW88	MW89	MW90	MW91	MW91
			Sample ID	11FWAMW82-GWF	11FWAMW83-GWF	11FWAMW84-GWF	11FWAMW85-GWF	11FWAMW85-GWBF	11FWAMW86-GWF	11FWAMW87-GWF	11FWAMW88-GWF	11FWAMW89-GWF	11FWAMW90-GWF	11FWAMW91-GWF	11FWAMW91-GWF
			Laboratory Sample ID	29203-1	29203-2	29203-18	29203-4	29203-10	29203-6	29203-5	29203-19	29203-9	29203-17	29203-12	29332-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/8/2011	10/8/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8081	Methoxychlor	0.04	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8081	Toxaphene	0.003	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4-D	0.07	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4-DB		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	4-Nitrophenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	Dalapon		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	Dicamba		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	Dichlorprop		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8151A	Dinoseb		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,1-Dichloroethane	7.3	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,1-Dichloroethene	0.007	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,1-Dichloropropene		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	*ND [0.001] E, SJ-*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	ND [0.001] R	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	ND [0.002] JH, SJ-	ND [0.002] JH	ND [0.002] JH	ND [0.002] JH	ND [0.002] JH	ND [0.002] JH	ND [0.002] JH	ND [0.002] JH	ND [0.002] JH	ND [0.002] JH	ND [0.002] R	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	*ND [0.001] E, SJ-*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	ND [0.001] R	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,2-Dichloroethane	0.005	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,2-Dichloropropane	0.005	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,3-Dichloropropane		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	2,2-Dichloropropane		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	2-Butanone	22	mg/L	ND [0.01] SJ-	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01] R	-
SW8260	2-Chlorotoluene		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	2-Hexanone		mg/L	ND [0.005] SJ-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] R	-
SW8260	4-Chlorotoluene		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	4-Isopropyltoluene		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	ND [0.005] SJ-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] R	-
SW8260	Acetone	33	mg/L	ND [0.01] JH, SJ-	ND [0.01] JH	ND [0.01] JH	ND [0.01] JH	ND [0.01] JH	ND [0.01] JH	ND [0.01] JH	ND [0.01] JH	ND [0.01] JH	ND [0.01] JH	ND [0.01] R	-
SW8260	Benzene	0.005	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Bromobenzene		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Bromochloromethane		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Bromodichloromethane	0.014	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Bromoform	0.11	mg/L	ND [0.001] JH, SJ-	ND [0.001] JH	ND [0.001] JH	ND [0.001] JM-, JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] R	-
SW8260	Bromomethane	0.051	mg/L	ND [0.005] JH, SJ-	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] R	-
SW8260	Carbon disulfide	3.7	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Carbon tetrachloride	0.005	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Chlorobenzene	0.1	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Chloroethane	0.29	mg/L	ND [0.005] SJ-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] R	-

			Location	MW82	MW83	MW84	MW85	MW85B	MW86	MW87	MW88	MW89	MW90	MW91	MW91
			Sample ID	11FWAMW82-GWF	11FWAMW83-GWF	11FWAMW84-GWF	11FWAMW85-GWF	11FWAMW85-GWBF	11FWAMW86-GWF	11FWAMW87-GWF	11FWAMW88-GWF	11FWAMW89-GWF	11FWAMW90-GWF	11FWAMW91-GWF	11FWAMW91-GWF
			Laboratory Sample ID	29203-1	29203-2	29203-18	29203-4	29203-10	29203-6	29203-5	29203-19	29203-9	29203-17	29203-12	29332-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/8/2011	10/8/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8260	Chloroform	0.14	mg/L	ND [0.001] SJ-	0.00019 [0.001] J	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	0.00015 [0.001] J	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Chloromethane	0.066	mg/L	ND [0.005] JH, SJ-	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] JH	ND [0.005] R	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	cis-1,3-Dichloropropene		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Dibromochloromethane	0.01	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Dibromomethane		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Ethylbenzene	0.7	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Isopropylbenzene	3.7	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Methylene chloride	0.005	mg/L	ND [0.003] SJ-	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003] R	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Naphthalene	0.73	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	n-Butylbenzene	0.37	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	n-Propylbenzene	0.37	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	o-Xylene	10	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	sec-Butylbenzene	0.37	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Styrene	0.1	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	tert-Butylbenzene	0.37	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Toluene	1	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	trans-1,3-Dichloropropene		mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	ND [0.001] SJ-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] R	-
SW8260	Trichlorofluoromethane	11	mg/L	ND [0.001] JH, SJ-	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] R	-
SW8260	Vinyl chloride	0.002	mg/L	ND [0.001] JH, SJ-	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] JH	ND [0.001] R	-
SW8260	Xylene, Isomers m & p	10	mg/L	ND [0.002] SJ-	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002] R	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	ND [0.0004] SJ-	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004] R	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	0.0008 [0.0007] SJ-	ND [0.0007]	0.0035 [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007] R	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002] SJ-	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002] R	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	ND [0.0001] SJ-	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001] R	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	ND [0.0005] SJ-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	0.000046 [0.0005] J	ND [0.0005]	ND [0.0005] R	-
SW8260B	Benzene	0.005	mg/L	ND [0.0005] SJ-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005] R	-
SW8260B	Carbon tetrachloride	0.005	mg/L	ND [0.0005] SJ-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005] R	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	ND [0.0005] SJ-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	0.000028 [0.0005] J, B	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005] R	-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	ND [0.0005] SJ-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	0.000096 [0.0005] J, B	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005] R	-
SW8260B	Vinyl chloride	0.002	mg/L	ND [0.0002] SJ-	ND [0.0002]	0.000083 [0.0002] J, B	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002] R	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2-Chlorophenol	0.18	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2-Nitroaniline		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	2-Nitrophenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	-	-	-	-	-	-	-	-	-	-	-	-

			Location	MW82	MW83	MW84	MW85	MW85B	MW86	MW87	MW88	MW89	MW90	MW91	MW91
			Sample ID	11FWAMW82-GWF	11FWAMW83-GWF	11FWAMW84-GWF	11FWAMW85-GWF	11FWAMW85-GWBF	11FWAMW86-GWF	11FWAMW87-GWF	11FWAMW88-GWF	11FWAMW89-GWF	11FWAMW90-GWF	11FWAMW91-GWF	11FWAMW91-GWF
			Laboratory Sample ID	29203-1	29203-2	29203-18	29203-4	29203-10	29203-6	29203-5	29203-19	29203-9	29203-17	29203-12	29332-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/8/2011	10/8/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
SW8270	3-Methylphenol/4-Methylphenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	3-Nitroaniline		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	4-Chloroaniline	0.016	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	4-Nitroaniline		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	4-Nitrophenol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Acenaphthene	2.2	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Acenaphthylene	2.2	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Anthracene	11	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Azobenzene		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Benzoic acid	150	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Benzyl alcohol		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Carbazole	0.043	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Chrysene	0.12	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Dibenzofuran	0.073	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Diethyl phthalate	29	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Dimethyl phthalate	370	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Fluoranthene	1.5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Fluorene	1.5	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Hexachloroethane	0.04	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Isophorone	0.9	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Naphthalene	0.73	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Pentachlorophenol	0.001	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Phenanthrene	11	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Phenol	11	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8270	Pyrene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013] SJ-	ND [0.000013]	ND [0.000013]	ND [0.000013]	ND [0.000013]	ND [0.000013]	0.0000042 [0.000013] J	ND [0.000013]	ND [0.000013]	ND [0.000013]	-	-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	0.0000038 [0.00001] J	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Anthracene	11	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001] JM-	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	0.000003 [0.0000098] J	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002] SJ-	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.000019]	ND [0.000019]	ND [0.00002]	-	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-

			Location	MW82	MW83	MW84	MW85	MW85B	MW86	MW87	MW88	MW89	MW90	MW91	MW91
			Sample ID	11FWAMW82-GWF	11FWAMW83-GWF	11FWAMW84-GWF	11FWAMW85-GWF	11FWAMW85-GWBF	11FWAMW86-GWF	11FWAMW87-GWF	11FWAMW88-GWF	11FWAMW89-GWF	11FWAMW90-GWF	11FWAMW91-GWF	11FWAMW91-GWF
			Laboratory Sample ID	29203-1	29203-2	29203-18	29203-4	29203-10	29203-6	29203-5	29203-19	29203-9	29203-17	29203-12	29332-2
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/8/2011	10/8/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Chrysene	0.12	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Fluorene	1.5	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	0.0000035 [0.00001] J	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Naphthalene	0.73	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	0.0000038 [0.00001] J	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Phenanthrene	11	mg/L	0.0000038 [0.0000098] J, SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	0.0000044 [0.00001] J	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
8270SIM	Pyrene	1.1	mg/L	ND [0.0000098] SJ-	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.00001]	ND [0.0000098]	ND [0.00001]	ND [0.0000096]	ND [0.0000096]	ND [0.00001]	-	-
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.00039] R
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	ND [0.000097] R
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

			Location	MW91	MW92	MW92	MW92	TB01	TB02	TB03	TB04	TB05	TB05
			Sample ID	11FWAMW91-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWATB01-GWF	11FWATB02-GWF	11FWATB03-GWF	11FWATB04-GWF	11FWATB05-GWF	11FWATB05-GWF
			Laboratory Sample ID	29332-2	29203-11	29332-1	29332-1	29142-19	29175-13	29175-24	29203-20	29203-13	29332-3
			Matrix	WG	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	10/8/2011	10/8/2011	10/8/2011	10/8/2011	10/3/2011	10/4/2011	10/5/2011	10/6/2011	10/7/2011	10/15/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units										
AK101	Gasoline-Range Organics (C6-C10)	2.2	mg/L	ND [0.05] R	-	-	ND [0.05] R	0.019 [0.05] J, B	ND [0.05]	ND [0.05]	0.022 [0.05] J, B	-	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.089 [0.095] R	-	-	0.066 [0.095] R	-	-	-	-	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.082 [0.095] R	-	-	0.055 [0.095] R	-	-	-	-	-	-
SW6010B	Aluminum		mg/L	4.3 [1] R	-	-	1.3 [1] R	-	-	-	-	-	-
SW6010B	Boron		mg/L	ND [2.5] R	-	-	ND [2.5] R	-	-	-	-	-	-
SW6010B	Calcium		mg/L	55 [1.1] R	-	-	58 [1.1] R	-	-	-	-	-	-
SW6010B	Iron		mg/L	8.3 [0.2] R	-	-	3.7 [0.2] R	-	-	-	-	-	-
SW6010B	Magnesium		mg/L	17 [1.1] R	-	-	15 [1.1] R	-	-	-	-	-	-
SW6010B	Potassium		mg/L	3.8 [3.3] R	-	-	4.4 [3.3] R	-	-	-	-	-	-
SW6010B	Sodium		mg/L	6.6 [2] R	-	-	8.6 [2] R	-	-	-	-	-	-
SW6020	Antimony	0.006	mg/L	0.00089 [0.002] R	-	-	ND [0.002] R	-	-	-	-	-	-
SW6020	Arsenic	0.01	mg/L	0.011 [0.005] R	-	-	0.013 [0.005] R	-	-	-	-	-	-
SW6020	Barium	2	mg/L	0.26 [0.006] R	-	-	0.18 [0.006] R	-	-	-	-	-	-
SW6020	Beryllium	0.004	mg/L	ND [0.002] R	-	-	ND [0.002] R	-	-	-	-	-	-
SW6020	Cadmium	0.005	mg/L	0.00017 [0.002] R	-	-	ND [0.002] R	-	-	-	-	-	-
SW6020	Chromium	0.1	mg/L	0.016 [0.002] R	-	-	0.0076 [0.002] R	-	-	-	-	-	-
SW6020	Cobalt		mg/L	0.0049 [0.002] R	-	-	0.001 [0.002] R	-	-	-	-	-	-
SW6020	Copper	1	mg/L	0.017 [0.005] R	-	-	0.0069 [0.005] R	-	-	-	-	-	-
SW6020	Lead	0.015	mg/L	0.0064 [0.002] R	-	-	0.002 [0.002] R	-	-	-	-	-	-
SW6020	Manganese		mg/L	0.48 [0.002] R	-	-	0.48 [0.002] R	-	-	-	-	-	-
SW6020	Nickel	0.1	mg/L	0.013 [0.015] R	-	-	0.0029 [0.015] R	-	-	-	-	-	-
SW6020	Selenium	0.05	mg/L	ND [0.005] R	-	-	ND [0.005] R	-	-	-	-	-	-
SW6020	Silver	0.1	mg/L	ND [0.002] R	-	-	ND [0.002] R	-	-	-	-	-	-
SW6020	Thallium	0.002	mg/L	ND [0.005] R	-	-	ND [0.005] R	-	-	-	-	-	-
SW6020	Vanadium	0.26	mg/L	0.016 [0.01] R	-	-	0.0049 [0.01] R	-	-	-	-	-	-
SW6020	Zinc	5	mg/L	0.025 [0.007] R	-	-	0.0098 [0.007] R	-	-	-	-	-	-
SW7470A	Mercury	0.002	mg/L	0.000077 [0.0002] R	-	-	ND [0.0002] R	-	-	-	-	-	-
SW8081	4,4'-DDD		mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	4,4'-DDE	0.0025	mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	4,4'-DDT	0.0025	mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	Aldrin	0.00005	mg/L	ND [0.0000095] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
SW8081	alpha-BHC	0.00014	mg/L	ND [0.0000095] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
SW8081	alpha-Chlordane	0.002	mg/L	ND [0.0000095] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
SW8081	beta-BHC	0.00047	mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	delta-BHC		mg/L	ND [0.0000095] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
SW8081	Dieldrin	0.000053	mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	Endosulfan I		mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	Endosulfan II		mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	Endosulfan sulfate		mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	Endrin	0.002	mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	Endrin aldehyde		mg/L	ND [0.000048] R	-	-	ND [0.000047] R	-	-	-	-	-	-
SW8081	Endrin ketone		mg/L	ND [0.000019] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8081	gamma-BHC (Lindane)	0.0002	mg/L	ND [0.0000095] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
SW8081	gamma-Chlordane	0.002	mg/L	ND [0.0000095] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
SW8081	Heptachlor	0.0004	mg/L	ND [0.0000095] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
SW8081	Heptachlor epoxide	0.0002	mg/L	ND [0.0000095] R	-	-	ND [0.0000094] R	-	-	-	-	-	-

			Location	MW91	MW92	MW92	MW92	TB01	TB02	TB03	TB04	TB05	TB05
			Sample ID	11FWAMW91-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWATB01-GWF	11FWATB02-GWF	11FWATB03-GWF	11FWATB04-GWF	11FWATB05-GWF	11FWATB05-GWF
			Laboratory Sample ID	29332-2	29203-11	29332-1	29332-1	29142-19	29175-13	29175-24	29203-20	29203-13	29332-3
			Matrix	WG	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	10/8/2011	10/8/2011	10/8/2011	10/8/2011	10/3/2011	10/4/2011	10/5/2011	10/6/2011	10/7/2011	10/15/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units										
SW8081	Methoxychlor	0.04	mg/L	ND [0.000095] R	-	-	ND [0.000094] R	-	-	-	-	-	-
SW8081	Toxaphene	0.003	mg/L	ND [0.00095] R	-	-	ND [0.00094] R	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	0.0005	mg/L	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T		mg/L	ND [0.00024] R	-	-	ND [0.00024] R	-	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	0.05	mg/L	ND [0.00024] R	-	-	ND [0.00024] R	-	-	-	-	-	-
SW8151A	2,4-D	0.07	mg/L	ND [0.00024] R	-	-	ND [0.00024] R	-	-	-	-	-	-
SW8151A	2,4-DB		mg/L	ND [0.00024] R	-	-	ND [0.00024] R	-	-	-	-	-	-
SW8151A	4-Nitrophenol		mg/L	ND [0.00024] R	-	-	ND [0.00024] R	-	-	-	-	-	-
SW8151A	Dalapon		mg/L	ND [0.00038] R	-	-	ND [0.00038] R	-	-	-	-	-	-
SW8151A	Dicamba		mg/L	ND [0.00024] R	-	-	ND [0.00024] R	-	-	-	-	-	-
SW8151A	Dichlorprop		mg/L	ND [0.00024] R	-	-	ND [0.00024] R	-	-	-	-	-	-
SW8151A	Dinoseb		mg/L	ND [0.00024] R	-	-	ND [0.00024] R	-	-	-	-	-	-
SW8260	1,1,1,2-Tetrachloroethane		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1,1-Trichloroethane	0.2	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1,2-Trichloroethane	0.005	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1-Dichloroethane	7.3	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1-Dichloroethene	0.007	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,1-Dichloropropene		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.001] R	-	-	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	-
SW8260	1,2,4-Trichlorobenzene	0.07	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2,4-Trimethylbenzene	1.8	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2-Dibromo-3-chloropropane		mg/L	-	ND [0.002] R	-	-	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002] JH	ND [0.002] JH	-
SW8260	1,2-Dibromoethane	0.00005	mg/L	-	ND [0.001] R	-	-	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	*ND [0.001] E*	-
SW8260	1,2-Dichlorobenzene	0.6	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2-Dichloroethane	0.005	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,2-Dichloropropane	0.005	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,3,5-Trimethylbenzene	1.8	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,3-Dichlorobenzene	3.3	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,3-Dichloropropane		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	1,4-Dichlorobenzene	0.075	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	2,2-Dichloropropane		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	2-Butanone	22	mg/L	-	ND [0.01] R	-	-	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	-
SW8260	2-Chlorotoluene		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	2-Hexanone		mg/L	-	ND [0.005] R	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	-
SW8260	4-Chlorotoluene		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	4-Isopropyltoluene		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	4-Methyl-2-pentanone	2.9	mg/L	-	ND [0.005] R	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	-
SW8260	Acetone	33	mg/L	-	ND [0.01] R	-	-	ND [0.01]	ND [0.01] JL-	ND [0.01] JL-	ND [0.01] JH	ND [0.01] JH	-
SW8260	Benzene	0.005	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromobenzene		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromochloromethane		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromodichloromethane	0.014	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Bromoform	0.11	mg/L	-	ND [0.001] R	-	-	ND [0.001] JL-	ND [0.001] JL-	ND [0.001] JL-	ND [0.001] JH	ND [0.001] JH	-
SW8260	Bromomethane	0.051	mg/L	-	ND [0.005] R	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] JH	ND [0.005] JH	-
SW8260	Carbon disulfide	3.7	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Carbon tetrachloride	0.005	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Chlorobenzene	0.1	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Chloroethane	0.29	mg/L	-	ND [0.005] R	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	-

			Location	MW91	MW92	MW92	MW92	TB01	TB02	TB03	TB04	TB05	TB05
			Sample ID	11FWAMW91-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWATB01-GWF	11FWATB02-GWF	11FWATB03-GWF	11FWATB04-GWF	11FWATB05-GWF	11FWATB05-GWF
			Laboratory Sample ID	29332-2	29203-11	29332-1	29332-1	29142-19	29175-13	29175-24	29203-20	29203-13	29332-3
			Matrix	WG	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	10/8/2011	10/8/2011	10/8/2011	10/8/2011	10/3/2011	10/4/2011	10/5/2011	10/6/2011	10/7/2011	10/15/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units										
SW8260	Chloroform	0.14	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Chloromethane	0.066	mg/L	-	ND [0.005] R	-	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] JH	ND [0.005] JH	-
SW8260	cis-1,2-Dichloroethene	0.07	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	0.00023 [0.001] J	ND [0.001]	ND [0.001]	-
SW8260	cis-1,3-Dichloropropene		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Dibromochloromethane	0.01	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Dibromomethane		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Dichlorodifluoromethane	7.3	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Ethylbenzene	0.7	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Hexachlorobutadiene	0.0073	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Isopropylbenzene	3.7	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Methylene chloride	0.005	mg/L	-	ND [0.003] R	-	-	0.00044 [0.003] J	0.00048 [0.003] J	0.0047 [0.003]	0.0006 [0.003] J	0.00041 [0.003] J	-
SW8260	Methyl-tert-butyl ether (MTBE)	0.47	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Naphthalene	0.73	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	n-Butylbenzene	0.37	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	n-Propylbenzene	0.37	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	o-Xylene	10	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	sec-Butylbenzene	0.37	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Styrene	0.1	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	tert-Butylbenzene	0.37	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JC-	ND [0.001]	-
SW8260	Toluene	1	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	trans-1,2-Dichloroethene	0.1	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	trans-1,3-Dichloropropene		mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	-
SW8260	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	0.00068 [0.001] J	ND [0.001]	ND [0.001]	-
SW8260	Trichlorofluoromethane	11	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH	ND [0.001] JH	-
SW8260	Vinyl chloride	0.002	mg/L	-	ND [0.001] R	-	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH	ND [0.001] JH	-
SW8260	Xylene, Isomers m & p	10	mg/L	-	ND [0.002] R	-	-	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	-
SW8260B	1,1,2,2-Tetrachloroethane	0.0043	mg/L	-	ND [0.0004] R	-	-	ND [0.0004]	0.000046 [0.0004] J	0.000029 [0.0004] J, B	ND [0.0004]	0.000031 [0.0004] J, B	-
SW8260B	1,1-Dichloroethene	0.007	mg/L	-	ND [0.0007] R	-	-	0.000064 [0.0007] J	0.000047 [0.0007] J	ND [0.0007]	ND [0.0007]	0.00006 [0.0007] J, B	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002] R	-	-	ND [0.0002]	0.000074 [0.0002] J	ND [0.0002]	ND [0.0002]	ND [0.0002]	-
SW8260B	1,2-Dibromoethane	0.00005	mg/L	-	ND [0.0001] R	-	-	0.000033 [0.0001] J	0.000043 [0.0001] J	0.000042 [0.0001] J, B	ND [0.0001]	0.000031 [0.0001] J, B	-
SW8260B	1,2-Dichloroethane	0.005	mg/L	-	0.000025 [0.0005] R	-	-	ND [0.0005]	0.000032 [0.0005] J	0.000033 [0.0005] J	ND [0.0005]	ND [0.0005]	-
SW8260B	Benzene	0.005	mg/L	-	ND [0.0005] R	-	-	0.000036 [0.0005] J	0.000043 [0.0005] J	0.000043 [0.0005] J, B	ND [0.0005]	0.000033 [0.0005] J, B	-
SW8260B	Carbon tetrachloride	0.005	mg/L	-	ND [0.0005] R	-	-	0.000059 [0.0005] J, B	ND [0.0005]	0.000033 [0.0005] J, B	ND [0.0005]	0.000052 [0.0005] J	-
SW8260B	Tetrachloroethene (PCE)	0.005	mg/L	-	ND [0.0005] R	-	-	0.000082 [0.0005] J, B	0.000076 [0.0005] J, B	0.000069 [0.0005] J, B	ND [0.0005]	0.000047 [0.0005] J, B	-
SW8260B	Trichloroethene (TCE)	0.005	mg/L	-	ND [0.0005] R	-	-	0.000054 [0.0005] J, B	0.000065 [0.0005] J, B	0.00068 [0.0005]	ND [0.0005]	0.000058 [0.0005] J, B	-
SW8260B	Vinyl chloride	0.002	mg/L	-	ND [0.0002] R	-	-	0.000027 [0.0002] J	0.000044 [0.0002] J	0.000031 [0.0002] J, B	ND [0.0002]	0.000042 [0.0002] J, B	-
SW8270	1,2,4-Trichlorobenzene	0.07	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	0.6	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	3.3	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	0.075	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	3.7	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	0.077	mg/L	ND [0.00029] R	-	-	ND [0.00028] R	-	-	-	-	-	-
SW8270	2,4-Dichlorophenol	0.11	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	2,4-Dimethylphenol	0.73	mg/L	ND [0.00098] R	-	-	ND [0.00094] R	-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	0.073	mg/L	ND [0.0025] R	-	-	ND [0.0024] R	-	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	0.0013	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	0.0013	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	2-Chloronaphthalene	2.9	mg/L	ND [0.000029] R	-	-	ND [0.000028] R	-	-	-	-	-	-
SW8270	2-Chlorophenol	0.18	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol		mg/L	ND [0.002] R	-	-	ND [0.0019] R	-	-	-	-	-	-
SW8270	2-Methylnaphthalene	0.15	mg/L	ND [0.000098] R	-	-	ND [0.000094] R	-	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	1.8	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	2-Nitroaniline		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	2-Nitrophenol		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	0.0019	mg/L	ND [0.00098] R	-	-	ND [0.00094] R	-	-	-	-	-	-

			Location	MW91	MW92	MW92	MW92	TB01	TB02	TB03	TB04	TB05	TB05
			Sample ID	11FWAMW91-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWATB01-GWF	11FWATB02-GWF	11FWATB03-GWF	11FWATB04-GWF	11FWATB05-GWF	11FWATB05-GWF
			Laboratory Sample ID	29332-2	29203-11	29332-1	29332-1	29142-19	29175-13	29175-24	29203-20	29203-13	29332-3
			Matrix	WG	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	10/8/2011	10/8/2011	10/8/2011	10/8/2011	10/3/2011	10/4/2011	10/5/2011	10/6/2011	10/7/2011	10/15/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	ADEC Cleanup Level[1]	Units										
SW8270	3-Methylphenol/4-Methylphenol		mg/L	ND [0.00039] R	-	-	ND [0.00038] R	-	-	-	-	-	-
SW8270	3-Nitroaniline		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	4-Chloroaniline	0.016	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	4-Nitroaniline		mg/L	ND [0.00029] R	-	-	ND [0.00028] R	-	-	-	-	-	-
SW8270	4-Nitrophenol		mg/L	ND [0.00098] R	-	-	ND [0.00094] R	-	-	-	-	-	-
SW8270	Acenaphthene	2.2	mg/L	ND [0.000049] R	-	-	ND [0.000047] R	-	-	-	-	-	-
SW8270	Acenaphthylene	2.2	mg/L	ND [0.000039] R	-	-	ND [0.000038] R	-	-	-	-	-	-
SW8270	Anthracene	11	mg/L	ND [0.00002] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8270	Azobenzene		mg/L	ND [0.00049] R	-	-	ND [0.00047] R	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	0.0012	mg/L	ND [0.000029] R	-	-	ND [0.000028] R	-	-	-	-	-	-
SW8270	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.000039] R	-	-	ND [0.000038] R	-	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.000029] R	-	-	ND [0.000028] R	-	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	0.012	mg/L	ND [0.000029] R	-	-	ND [0.000028] R	-	-	-	-	-	-
SW8270	Benzoic acid	150	mg/L	0.00065 [0.00098] R	-	-	0.0006 [0.00094] R	-	-	-	-	-	-
SW8270	Benzyl alcohol		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Benzyl butyl phthalate	7.3	mg/L	ND [0.00029] R	-	-	ND [0.00028] R	-	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	0.00077	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether		mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015] R	-	-	ND [0.0014] R	-	-	-	-	-	-
SW8270	Carbazole	0.043	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Chrysene	0.12	mg/L	ND [0.00002] R	-	-	ND [0.000019] R	-	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.000029] R	-	-	ND [0.000028] R	-	-	-	-	-	-
SW8270	Dibenzofuran	0.073	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Diethyl phthalate	29	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Dimethyl phthalate	370	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Di-n-butyl phthalate	3.7	mg/L	0.000073 [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Di-n-octyl phthalate	1.5	mg/L	0.00012 [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Fluoranthene	1.5	mg/L	ND [0.000025] R	-	-	ND [0.000024] R	-	-	-	-	-	-
SW8270	Fluorene	1.5	mg/L	ND [0.000029] R	-	-	ND [0.000028] R	-	-	-	-	-	-
SW8270	Hexachlorobenzene	0.001	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Hexachlorobutadiene	0.0073	mg/L	ND [0.00029] R	-	-	ND [0.00028] R	-	-	-	-	-	-
SW8270	Hexachloroethane	0.04	mg/L	ND [0.00029] R	-	-	ND [0.00028] R	-	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.000029] R	-	-	ND [0.000028] R	-	-	-	-	-	-
SW8270	Isophorone	0.9	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Naphthalene	0.73	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Nitrobenzene	0.018	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	0.000017	mg/L	ND [0.00098] R	-	-	ND [0.00094] R	-	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	0.00012	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	0.17	mg/L	ND [0.0002] R	-	-	ND [0.00019] R	-	-	-	-	-	-
SW8270	Pentachlorophenol	0.001	mg/L	ND [0.00034] R	-	-	ND [0.00033] R	-	-	-	-	-	-
SW8270	Phenanthrene	11	mg/L	ND [0.000039] R	-	-	ND [0.000038] R	-	-	-	-	-	-
SW8270	Phenol	11	mg/L	ND [0.00029] R	-	-	ND [0.00028] R	-	-	-	-	-	-
SW8270	Pyrene	1.1	mg/L	ND [0.000029] R	-	-	ND [0.000028] R	-	-	-	-	-	-
8270SIM	2-Methylnaphthalene	0.15	mg/L	ND [0.000013] R	-	-	ND [0.000012] R	-	-	-	-	-	-
8270SIM	Acenaphthene	2.2	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Acenaphthylene	2.2	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Anthracene	11	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Benzo(a)anthracene	0.0012	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Benzo(a)pyrene	0.0002	mg/L	ND [0.00002] R	-	-	ND [0.000019] R	-	-	-	-	-	-
8270SIM	Benzo(b)fluoranthene	0.0012	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-

			Location	MW91	MW92	MW92	MW92	TB01	TB02	TB03	TB04	TB05	TB05
			Sample ID	11FWAMW91-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWAMW92-GWF	11FWATB01-GWF	11FWATB02-GWF	11FWATB03-GWF	11FWATB04-GWF	11FWATB05-GWF	11FWATB05-GWF
			Laboratory Sample ID	29332-2	29203-11	29332-1	29332-1	29142-19	29175-13	29175-24	29203-20	29203-13	29332-3
			Matrix	WG	WG	WG	WG	WQ	WQ	WQ	WQ	WQ	WQ
			Date Sampled	10/8/2011	10/8/2011	10/8/2011	10/8/2011	10/3/2011	10/4/2011	10/5/2011	10/6/2011	10/7/2011	10/15/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**										
8270SIM	Benzo(g,h,i)perylene	1.1	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Benzo(k)fluoranthene	0.012	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Chrysene	0.12	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Dibenzo(a,h)anthracene	0.00012	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Fluoranthene	1.5	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Fluorene	1.5	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	0.0012	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Naphthalene	0.73	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Phenanthrene	11	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
8270SIM	Pyrene	1.1	mg/L	ND [0.0000098] R	-	-	ND [0.0000094] R	-	-	-	-	-	-
SW8321A	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	0.0037	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	0.0013	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	0.73	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	0.018	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	0.0037	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	0.05	mg/L	-	-	ND [0.000096] R	-	-	-	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	1.1	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	1,3-Dinitrobenzene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	2,4,6-Trinitrotoluene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	2,4-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	2,6-Dinitrotoluene	0.0013	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	2-Amino-4,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	0.0077	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	0.15	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	m-Nitrotoluene	0.73	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	Nitrobenzene	0.018	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	1.8	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	o-Nitrotoluene	0.0037	mg/L	-	-	-	-	-	-	-	-	-	-
SW8330	p-Nitrotoluene	0.05	mg/L	-	-	-	-	-	-	-	-	-	-

Notes:

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WQ = water quality control sample

[ ] = limit of quantitation

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italics = the non-detect LOD exceeds the ADEC cleanup level

bold = exceeds ADEC Cleanup Level

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			Location	11FWAMW28-	MW003	MW03B	MW06A	MW06A	MW06A	MW08	MW08	MW12
			Sample ID	11FWAMW28-GWF	11FWAMW03-GWF	11FWAMW03-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW06A-GWF	11FWAMW08-GWF	11FWAMW08-GWF	11FWAMW12-GWF
			Laboratory Sample ID	29142-6	29181-7	29203-14	29142-14	29142-14	29175-8	29142-8	29142-8	29142-9
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/5/2011	10/4/11	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**									
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.028 [0.098] J, SJ-	-	-	**5.2 [0.1] JS+**	-	-	0.13 [0.1]	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.031 [0.098] J, SJ-	-	-	0.51 [0.1] JS+	-	-	0.12 [0.1]	-
SW6020	Arsenic	0.01	mg/L	-	**0.03 [0.005] SJ-**	-	-	0.0074 [0.005]	-	-	ND [0.005]	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	-	ND [0.0002] SJ-	-	-	ND [0.0002]	-	0.000057 [0.0002] J	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015] SJ-	-	-	ND [0.015]	-	-	ND [0.0015]	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	ND [0.0002]	-	-	ND [0.0002]	-	**0.0093 [0.002] SJ-**

Notes

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			Location	MW12	MW12B	MW12B	MW13	MW13	MW26	MW26	MW28	MW28	MW32	MW33	MW33
			Sample ID	11FWAMW12-GWF	11FWAMW12-GWBF	11FWAMW12-GWBF	11FWAMW13-GWF	11FWAMW13-GWF	11FWAMW26-GWF	11FWAMW26-GWF	11FWAMW28-GWF	11FWAMW28-GWF	11FWAMW32-GWF	11FWAMW33-GWF	11FWAMW33-GWF
			Laboratory Sample ID	29142-9	29142-10	29142-10	29175-3	29181-4	29175-22	29181-3	29125-3	29125-3	29175-10	29125-4	29125-4
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/5/2011	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	ADEC Cleanup Level[1]	Units												
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	**12 [0.2] SJ-**	-	**13 [0.2] SJ-**	-	0.068 [0.098] J, SJ-	-	0.034 [0.096] J, SJ-	-	0.15 [0.098] SJ-	0.58 [0.1] SJ-	-	**22 [0.98]**
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	**1.3 [0.098] SJ-**	-	**1.3 [0.098] SJ-**	-	0.08 [0.098] J, SJ-	-	0.033 [0.096] J, SJ-	-	0.11 [0.098] SJ-	0.35 [0.1] SJ-	-	3.2 [0.098]
SW6020	Arsenic	0.01	mg/L	0.0095 [0.005] SJ-	-	0.01 [0.005] SJ-	-	ND [0.005] SJ-	-	ND [0.005] SJ-	-	0.0084 [0.005] SJ-	ND [0.005] SJ-	-	**0.035 [0.005]**
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002] SJ-	-	ND [0.0002] SJ-	ND [0.0002] SJ-	-	ND [0.0002] SJ-	-	-	-	ND [0.0002] SJ-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.016] SJ-	-	ND [0.015] SJ-	-	0.0007 [0.0015] J, SJ-	-	ND [0.0015] SJ-	-	ND [0.0014] SJ-	ND [0.0015] SJ-	-	ND [0.015]
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	**0.0096 [0.002] SJ-**	-	-	-	-	-	ND [0.0002] SJ-	-	-	ND [0.002]	-

Notes

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			Location	MW33	MW35	MW36	MW36	MW37	MW37	MW38	MW38	MW39	MW39	MW39	MW39
			Sample ID	11FWAMW33-GWF	11FWAMW35-GWF	11FWAMW36-GWF	11FWAMW36-GWF	11FWAMW37-GWF	11FWAMW37-GWF	11FWAMW38-GWF	11FWAMW38-GWF	11FWAMW39-GWBF	11FWAMW39-GWBF	11FWAMW39-GWBF	11FWAMW39-GWF
			Laboratory Sample ID	29175-6	29203-3	29175-19	29175-19	29175-17	29175-17	29175-12	29175-12	29125-2	29125-2	29142-2	29125-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/7/2011	10/6/2011	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/5/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate	Duplicate	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	0.11 [0.094]	-	0.051 [0.096] J, SJ-	-	0.18 [0.1]	-	0.2 [0.098]	-	0.058 [0.094] J	-	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.098 [0.094]	-	0.066 [0.096] J, SJ-	-	0.1 [0.1]	-	0.25 [0.098]	-	0.045 [0.094] J	-	-
SW6020	Arsenic	0.01	mg/L	-	ND [0.005]	-	0.0058 [0.005] SJ-	-	ND [0.005]	-	0.0095 [0.005]	-	0.0065 [0.005]	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	ND [0.0015]	-	ND [0.0015] SJ-	-	ND [0.0015]	-	ND [0.0015]	-	ND [0.0015]	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	-	ND [0.0002]

Notes

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			Location	MW39	MW39	MW40	MW40	MW40	MW43	MW43	MW43	MW45	MW45	MW47	MW47
			Sample ID	11FWAMW39-GWF	11FWAMW39-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW40-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW43-GWF	11FWAMW45-GWF	11FWAMW45-GWF	11FWAMW47-GWF	11FWAMW47-GWF
			Laboratory Sample ID	29125-1	29142-1	29125-8	29125-8	29142-5	29142-15	29142-15	29175-9	29181-2	29203-16	29125-6	29125-6
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/3/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.05 [0.096] J, JM-	-	-	0.079 [0.1] J	-	-	0.088 [0.1] J, JS-	-	0.066 [0.096] J, SJ-	-	-	0.089 [0.096] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.037 [0.096] J	-	-	0.08 [0.1] J	-	-	0.098 [0.1] J, JS-	-	0.078 [0.096] J, SJ-	-	-	0.083 [0.096] J
SW6020	Arsenic	0.01	mg/L	0.0066 [0.005]	-	-	**0.014 [0.005]**	-	-	ND [0.005]	-	ND [0.005] SJ-	-	-	ND [0.005]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002] SJ-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	ND [0.0015]	-	-	0.0011 [0.0015] J	-	-	ND [0.0015]	-	ND [0.0015] SJ-	-	-	ND [0.0015]
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.0002]	-	-	ND [0.00019]	-	-	-	-	ND [0.0002]	-

Notes

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			Location	MW47	MW48	MW48	MW48	MW53	MW53	MW53	MW56	MW56	MW56	MW57	MW57
			Sample ID	11FWAMW47-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW48-GWF	11FWAMW53-GWF	11FWAMW53-GWF	11FWAMW53-GWF	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW56-GWF	11FWAMW57-GWF	11FWAMW57-GWF
			Laboratory Sample ID	29142-4	29142-16	29142-16	29175-3	29175-21	29181-6	29181-6	29125-3	29125-3	29175-5	29142-17	29142-17
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/3/2011	10/4/2011	10/4/2011	10/4/2011	10/6/2011	10/6/2011	10/6/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TADC	TATW	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	-	0.065 [0.1] J, SJ-	-	-	-	0.042 [0.097] J	-	0.17 [0.098]	-	-	0.058 [0.098] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	-	0.075 [0.1] J, SJ-	-	-	-	0.043 [0.097] J	-	0.097 [0.098] J	-	-	0.07 [0.098] J
SW6020	Arsenic	0.01	mg/L	-	-	ND [0.005] SJ-	-	-	-	ND [0.005]	-	**0.023 [0.005]**	-	-	ND [0.005]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	0.000087 [0.0002] J	-	-	ND [0.0002]	ND [0.0002]	-	-	-	-	ND [0.0002]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	ND [0.0015] SJ-	-	-	-	ND [0.0015]	-	ND [0.0015]	-	-	ND [0.0015]
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	ND [0.0002] SJ-	-	-	-	ND [0.0001]	-	ND [0.0002]	-	-	ND [0.0002]	-

Notes
[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
ND = non-detect
TADC = TestAmerica Laboratories, Denver, Colorado
TATW = TestAmerica Laboratories, Tacoma, Washington
WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
- = analyte not analyzed for
bold = exceeds ADEC Cleanup Level

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			Location	MW57	MW58	MW61	MW61	MW61	MW62	MW62	MW64	MW64	MW64B	MW64B	MW69
			Sample ID	11FWAMW57-GWF	11FWAMW58-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW61-GWF	11FWAMW62-GWF	11FWAMW62-GWF	11FWAMW64-GWF	11FWAMW64-GWF	11FWAMW64-GWBF	11FWAMW64-GWBF	11FWAMW69-GWF
			Laboratory Sample ID	29175-4	29203-7	29142-13	29142-13	29175-1	29175-7	29175-7	29175-16	29175-16	29175-15	29175-15	29181-1
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/8/2011	10/4/2011	10/4/2011	10/4/2011	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/5/2011	10/6/2011
			Laboratory Sample ID	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	1.3 [0.094] SJ-	-	0.11 [0.1] SJ-	-	-	**18 [0.5]**	-	0.34 [0.098] J, JM-	-	0.32 [0.1]	0.059 [0.097] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	0.19 [0.094] SJ-	-	0.1 [0.1] SJ-	-	-	**5 [0.1]**	-	0.2 [0.098]	-	0.21 [0.1]	0.075 [0.097] J
SW6020	Arsenic	0.01	mg/L	-	**0.015 [0.005] SJ-**	-	**0.017 [0.005] SJ-**	-	-	ND [0.005]	-	**0.021 [0.005]**	-	**0.018 [0.005]**	0.0051 [0.005]
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002] SJ-	-	-	ND [0.0002] SJ-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	0.0013 [0.0014] J, SJ-	-	ND [0.0015] SJ-	-	-	ND [0.015]	-	ND [0.0014]	-	ND [0.0015]	ND [0.0015]
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	ND [0.0002]	-	-	ND [0.002]	-	ND [0.0002]	-	ND [0.0002]	-	-

Notes

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

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			Location	MW69	MW70	MW70	MW76	MW77	MW77	MW78	MW78	MW78	MW79	MW79	MW80
			Sample ID	11FWAMW69-GWF	11FWAMW70-GWF	11FWAMW70-GWF	11FWAMW76-GWF	11FWAMW77-GWF	11FWAMW77-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW78-GWF	11FWAMW79-GWF	11FWAMW79-GWF	11FWAMW80-GWF
			Laboratory Sample ID	29203-15	29175-20	29181-5	29175-11	29175-18	29175-18	29125-7	29125-7	29142-3	29142-7	29142-7	29142-18
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/6/2011	10/6/2011	10/6/2011	10/5/2011	10/6/2011	10/6/2011	10/3/2011	10/3/2011	10/3/2011	10/4/2011	10/4/2011	10/4/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TADC	TATW	TADC	TATW	TATW	TADC	TATW	TADC
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	-	-	0.088 [0.098] J	0.16 [0.1] SJ-	-	**4.2 [0.098]**	-	0.042 [0.1] J	-	-	0.092 [0.1] J	-
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	-	-	0.088 [0.098] J	0.18 [0.1] SJ-	-	0.21 [0.098]	-	0.04 [0.1] J	-	-	0.083 [0.1] J	-
SW6020	Arsenic	0.01	mg/L	-	-	ND [0.005]	0.0068 [0.005] SJ-	-	ND [0.005]	-	**0.016 [0.005]**	-	-	**0.019 [0.005]**	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002]	-	ND [0.0002] SJ-	-	ND [0.0002]	-	-	ND [0.0002]	-	**0.00038 [0.0002]**	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	ND [0.0015]	ND [0.0014] SJ-	-	ND [0.015]	-	0.0011 [0.0015] J	-	-	**0.034 [0.014]**	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	ND [0.0002]	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]

Notes

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

			Location	MW80	MW80	MW81	MW82	MW83	MW84	MW85	MW85B	MW86	MW87	MW88	MW89
			Sample ID	11FWAMW80-GWF	11FWAMW80-GWF	11FWAMW81-GWF	11FWAMW82-GWF	11FWAMW83-GWF	11FWAMW84-GWF	11FWAMW85-GWF	11FWAMW85-GWBF	11FWAMW86-GWF	11FWAMW87-GWF	11FWAMW88-GWF	11FWAMW89-GWF
			Laboratory Sample ID	29142-18	29175-8	29175-14	29203-1	29203-2	29203-18	29203-4	29203-10	29203-6	29203-5	29203-19	29203-9
			Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
			Date Sampled	10/4/2011	10/4/2011	10/5/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011	10/7/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**												
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.059 [0.1] J	-	0.13 [0.11] SJ-	0.068 [0.097] J, SJ-	0.055 [0.1] J	0.1 [0.097]	0.08 [0.099] J, JM-	0.056 [0.098] J	0.042 [0.094] J	0.033 [0.098] J	0.056 [0.096] J	0.08 [0.099] J
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.092 [0.1] J	-	0.18 [0.11] SJ-	0.06 [0.097] J, SJ-	0.041 [0.1] J	0.11 [0.097]	0.063 [0.099] J	0.055 [0.098] J	0.044 [0.094] J	0.03 [0.098] J	0.062 [0.096] J	0.054 [0.099] J
SW6020	Arsenic	0.01	mg/L	**0.014 [0.005]**	-	**0.012 [0.005] SJ-**	-	-	-	-	-	-	-	-	-
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	-	ND [0.0002]	ND [0.0002] SJ-	ND [0.0002] SJ-	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	0.0012 [0.0015] J	-	ND [0.0015] SJ-	-	-	-	-	-	-	-	-	-
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-	-	-	-	-	-	-	-

Notes

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)
mg/L = milligrams per liter
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WG = groundwater sample
WQ = water quality control sample
[ ] = limit of quantitation
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bold = exceeds ADEC Cleanup Level

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			Location	MW90	MW91	MW91	MW92	MW92
			Sample ID	11FWAMW90-GWF	11FWAMW91-GWF	11FWAMW91-GWF	11FWAMW92-GWF	11FWAMW92-GWF
			Laboratory Sample ID	29203-17	29203-12	29332-2	29203-11	29332-1
			Matrix	WG	WG	WG	WG	WG
			Date Sampled	10/7/2011	10/8/2011	10/8/2011	10/8/2011	10/8/2011
			Laboratory Sample ID	TATW	TATW	TATW	TATW	TATW
			QC	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**ADEC Cleanup Level[1]**	**Units**					
AK102	Diesel-Range Organics (C10-C25)	1.5	mg/L	0.073 [0.097] J	-	0.089 [0.095] R	-	0.066 [0.095] R
AK103	Residual-Range Organics (C25-C36)	1.1	mg/L	0.085 [0.097] J	-	0.082 [0.095] R	-	0.055 [0.095] R
SW6020	Arsenic	0.01	mg/L	-	-	0.011 [0.005] R	-	0.013 [0.005] R
SW8260B	1,2,3-Trichloropropane	0.00012	mg/L	ND [0.0002]	ND [0.0002]	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	0.006	mg/L	-	-	ND [0.0015] R	-	ND [0.0014] R
SW8330	4-Amino-2,6-dinitrotoluene	0.0073	mg/L	-	-	-	-	-

Notes

[1] 18 AAC 75 Table C Groundwater Cleanup Levels (ADEC 2008)

mg/L = milligrams per liter

ND = non-detect

TADC = TestAmerica Laboratories, Denver, Colorado

TATW = TestAmerica Laboratories, Tacoma, Washington

WG = groundwater sample

WQ = water quality control sample

[ ] = limit of quantitation

- = analyte not analyzed for

bold = exceeds ADEC Cleanup Level

ATTACHMENT B-2

Qualified Data Tables

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-1 Samples Flagged JH due to Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
11FWAMW39-GWS	580-27365-1	580-27365-1	AK101	Gasoline-Range Organics	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	AK101	Gasoline-Range Organics	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	AK101	Gasoline-Range Organics	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	AK101	Gasoline-Range Organics	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	AK101	Gasoline-Range Organics	ND	mg/L	JH
11FWATB01-GWS	580-27365-6	580-27365-1	AK101	Gasoline-Range Organics	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	1,3-Dinitrobenzene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	1,2-Dinitrobenzene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	2,4-Dinitrotoluene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	2,6-Dinitrotoluene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	Nitrobenzene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	m-Nitrotoluene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	o-Nitrotoluene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	p-Nitrotoluene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	1,3,5-Trinitrobenzene	ND	mg/L	JH
11FWAMW39-GWS	580-27365-1	580-27365-1	SW8330	2,4,6-Trinitrotoluene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	1,3-Dinitrobenzene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	1,2-Dinitrobenzene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	2,4-Dinitrotoluene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	2,6-Dinitrotoluene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	Nitrobenzene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	m-Nitrotoluene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	o-Nitrotoluene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	p-Nitrotoluene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	1,3,5-Trinitrobenzene	ND	mg/L	JH
11FWAMW39-GWBS	580-27365-2	580-27365-1	SW8330	2,4,6-Trinitrotoluene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-1 Samples Flagged JH due to Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	1,3-Dinitrobenzene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	1,2-Dinitrobenzene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	2,4-Dinitrotoluene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	2,6-Dinitrotoluene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	Nitrobenzene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	m-Nitrotoluene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	o-Nitrotoluene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	p-Nitrotoluene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	1,3,5-Trinitrobenzene	ND	mg/L	JH
11FWAMW40-GWS	580-27365-3	580-27365-1	SW8330	2,4,6-Trinitrotoluene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	1,3-Dinitrobenzene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	1,2-Dinitrobenzene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	2,4-Dinitrotoluene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	2,6-Dinitrotoluene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	Nitrobenzene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	m-Nitrotoluene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	o-Nitrotoluene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	p-Nitrotoluene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	1,3,5-Trinitrobenzene	ND	mg/L	JH
11FWAMW78-GWS	580-27365-4	580-27365-1	SW8330	2,4,6-Trinitrotoluene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	1,3-Dinitrobenzene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	1,2-Dinitrobenzene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	2,4-Dinitrotoluene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	2,6-Dinitrotoluene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	Nitrobenzene	ND	mg/L	JH

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-1 Samples Flagged JH due to Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	m-Nitrotoluene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	o-Nitrotoluene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	p-Nitrotoluene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	1,3,5-Trinitrobenzene	ND	mg/L	JH
11FWAMW79-GWS	580-27365-5	580-27365-1	SW8330	2,4,6-Trinitrotoluene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	1,3-Dinitrobenzene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	1,2-Dinitrobenzene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	2,4-Dinitrotoluene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	2,6-Dinitrotoluene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	Nitrobenzene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	m-Nitrotoluene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	o-Nitrotoluene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	p-Nitrotoluene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	1,3,5-Trinitrobenzene	ND	mg/L	JH
11FWAMW08-GWS	580-27365-7	580-27365-1	SW8330	2,4,6-Trinitrotoluene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	1,3-Dinitrobenzene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	1,2-Dinitrobenzene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	2,4-Dinitrotoluene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	2,6-Dinitrotoluene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	Nitrobenzene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	m-Nitrotoluene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	o-Nitrotoluene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	p-Nitrotoluene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	1,3,5-Trinitrobenzene	ND	mg/L	JH
11FWAMW47-GWS	580-27365-8	580-27365-1	SW8330	2,4,6-Trinitrotoluene	ND	mg/L	JH

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-1 Samples Flagged JH due to Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	1,3-Dinitrobenzene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	1,2-Dinitrobenzene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	2,4-Dinitrotoluene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	2,6-Dinitrotoluene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	Nitrobenzene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	m-Nitrotoluene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	o-Nitrotoluene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	p-Nitrotoluene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	1,3,5-Trinitrobenzene	ND	mg/L	JH
11FWAMW57-GWS	580-27365-9	580-27365-1	SW8330	2,4,6-Trinitrotoluene	ND	mg/L	JH

Notes:

JH = Estimate due to hold time exceedance

ND = non-detect

mg/L = milligrams per liter

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-2 Samples Flagged JH due to Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
11FWAMW82-GWF	580-29203-1	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW82-GWF	580-29203-1	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW82-GWF	580-29203-1	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW82-GWF	580-29203-1	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW82-GWF	580-29203-1	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW82-GWF	580-29203-1	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW82-GWF	580-29203-1	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW83-GWF	580-29203-2	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW83-GWF	580-29203-2	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW83-GWF	580-29203-2	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW83-GWF	580-29203-2	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW83-GWF	580-29203-2	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW83-GWF	580-29203-2	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW83-GWF	580-29203-2	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW35-GWF	580-29203-3	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW35-GWF	580-29203-3	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW35-GWF	580-29203-3	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW35-GWF	580-29203-3	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW35-GWF	580-29203-3	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW35-GWF	580-29203-3	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW35-GWF	580-29203-3	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW85-GWF	580-29203-4	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW85-GWF	580-29203-4	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW85-GWF	580-29203-4	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW85-GWF	580-29203-4	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW85-GWF	580-29203-4	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW85-GWF	580-29203-4	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW85-GWF	580-29203-4	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW87-GWF	580-29203-5	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW87-GWF	580-29203-5	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW87-GWF	580-29203-5	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW87-GWF	580-29203-5	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW87-GWF	580-29203-5	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW87-GWF	580-29203-5	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW87-GWF	580-29203-5	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW86-GWF	580-29203-6	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW86-GWF	580-29203-6	580-29203-1	SW8260B	Acetone	ND	mg/L	JH

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-2 Samples Flagged JH due to Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
11FWAMW86-GWF	580-29203-6	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW86-GWF	580-29203-6	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW86-GWF	580-29203-6	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW86-GWF	580-29203-6	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW86-GWF	580-29203-6	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW58-GWF	580-29203-7	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW58-GWF	580-29203-7	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW58-GWF	580-29203-7	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW58-GWF	580-29203-7	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW58-GWF	580-29203-7	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW58-GWF	580-29203-7	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW58-GWF	580-29203-7	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW89-GWF	580-29203-9	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW89-GWF	580-29203-9	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW89-GWF	580-29203-9	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW89-GWF	580-29203-9	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW89-GWF	580-29203-9	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW89-GWF	580-29203-9	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW89-GWF	580-29203-9	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW89-GWBF	580-29203-10	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW89-GWBF	580-29203-10	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW89-GWBF	580-29203-10	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW89-GWBF	580-29203-10	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW89-GWBF	580-29203-10	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW89-GWBF	580-29203-10	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW89-GWBF	580-29203-10	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWATB05-GWF	580-29203-13	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWATB05-GWF	580-29203-13	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWATB05-GWF	580-29203-13	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWATB05-GWF	580-29203-13	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWATB05-GWF	580-29203-13	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWATB05-GWF	580-29203-13	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWATB05-GWF	580-29203-13	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW03-GWF	580-29203-14	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW03-GWF	580-29203-14	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW03-GWF	580-29203-14	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW03-GWF	580-29203-14	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH

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Table B-2-2 Samples Flagged JH due to Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
11FWAMW03-GWF	580-29203-14	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW03-GWF	580-29203-14	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW03-GWF	580-29203-14	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW69-GWF	580-29203-15	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW69-GWF	580-29203-15	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW69-GWF	580-29203-15	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW69-GWF	580-29203-15	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW69-GWF	580-29203-15	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW69-GWF	580-29203-15	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW69-GWF	580-29203-15	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW45-GWF	580-29203-16	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW45-GWF	580-29203-16	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW45-GWF	580-29203-16	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW45-GWF	580-29203-16	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW45-GWF	580-29203-16	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW45-GWF	580-29203-16	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW45-GWF	580-29203-16	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW90-GWF	580-29203-17	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW90-GWF	580-29203-17	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW90-GWF	580-29203-17	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW90-GWF	580-29203-17	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW90-GWF	580-29203-17	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW90-GWF	580-29203-17	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW90-GWF	580-29203-17	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW84-GWF	580-29203-18	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW84-GWF	580-29203-18	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW84-GWF	580-29203-18	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW84-GWF	580-29203-18	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW84-GWF	580-29203-18	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW84-GWF	580-29203-18	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWAMW84-GWF	580-29203-18	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWAMW88-GWF	580-29203-19	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWAMW88-GWF	580-29203-19	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWAMW88-GWF	580-29203-19	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWAMW88-GWF	580-29203-19	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWAMW88-GWF	580-29203-19	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWAMW88-GWF	580-29203-19	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-2 Samples Flagged JH due to Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
11FWAMW88-GWF	580-29203-19	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH
11FWATB04-GWF	580-29203-20	580-29203-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
11FWATB04-GWF	580-29203-20	580-29203-1	SW8260B	Acetone	ND	mg/L	JH
11FWATB04-GWF	580-29203-20	580-29203-1	SW8260B	Bromoform	ND	mg/L	JH
11FWATB04-GWF	580-29203-20	580-29203-1	SW8260B	Bromomethane	ND	mg/L	JH
11FWATB04-GWF	580-29203-20	580-29203-1	SW8260B	Chloromethane	ND	mg/L	JH
11FWATB04-GWF	580-29203-20	580-29203-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
11FWATB04-GWF	580-29203-20	580-29203-1	SW8260B	Vinyl chloride	ND	mg/L	JH

Notes:

JH = Estimate due to hold time exceedance

ND = non-detect

mg/L = milligrams per liter

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-3 Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
Method Blank	88708/1	88708	AK103	Residual-Range Organics	0.0737	mg/L	-
11FWA-TAKU-MW62	580-26986-1	88708	AK103	Residual-Range Organics	0.24	mg/L	B
11FWA-TAKU-MW62D	580-26986-2	88708	AK103	Residual-Range Organics	0.25	mg/L	B
Method Blank	90349/1	90349	SW8270C	Benzoic Acid	0.000503	mg/L	-
11FWAMW39-GWS	580-27365-1	90349	SW8270C	Benzoic Acid	0.00068	mg/L	J, B
11FWAMW39-GWBS	580-27365-2	90349	SW8270C	Benzoic Acid	0.00065	mg/L	J, B
11FWAMW40-GWS	580-27365-3	90349	SW8270C	Benzoic Acid	0.00062	mg/L	J, B
11FWAMW78-GWS	580-27365-4	90349	SW8270C	Benzoic Acid	0.00059	mg/L	J, B
11FWAMW79-GWS	580-27365-5	90349	SW8270C	Benzoic Acid	0.00058	mg/L	J, B
11FWAMW08-GWS	580-27365-7	90349	SW8270C	Benzoic Acid	0.00061	mg/L	J, B
11FWAMW47-GWS	580-27365-8	90349	SW8270C	Benzoic Acid	0.00062	mg/L	J, B
11FWAMW57-GWS	580-27365-9	90349	SW8270C	Benzoic Acid	0.00062	mg/L	J, B
11FWAMW13-GWS	580-27365-10	90349	SW8270C	Benzoic Acid	0.00064	mg/L	J, B
Method Blank	90349/1	90349	SW8270C	Di-n-butyl phthalate	0.000113	mg/L	-
11FWAMW39-GWS	580-27365-1	90349	SW8270C	Di-n-butyl phthalate	0.000074	mg/L	J, B
11FWAMW39-GWBS	580-27365-2	90349	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
11FWAMW78-GWS	580-27365-4	90349	SW8270C	Di-n-butyl phthalate	0.000066	mg/L	J, B
11FWAMW08-GWS	580-27365-7	90349	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
11FWAMW47-GWS	580-27365-8	90349	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
11FWAMW57-GWS	580-27365-9	90349	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
11FWAMW13-GWS	580-27365-10	90349	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
Method Blank	90349/1	90349	SW8270C	Benzyl butyl phthalate	0.000111	mg/L	-
11FWAMW13-GWS	580-27365-10	90349	SW8270C	Benzyl butyl phthalate	0.00016	mg/L	J,B
Method Blank	90755/1	90755	SW8270C	Benzoic Acid	0.000474	mg/L	-
11FWAMW48-GWS	580-27395-5	90755	SW8270C	Benzoic Acid	0.001	mg/L	B
11FWAMW69-GWS	580-27395-6	90755	SW8270C	Benzoic Acid	0.00079	mg/L	J, B
11FWAMW53-GWS	580-27395-7	90755	SW8270C	Benzoic Acid	0.00073	mg/L	J, B
11FWAMW70-GWS	580-27395-8	90755	SW8270C	Benzoic Acid	0.0009	mg/L	J, B
11FWAMW76-GWS	580-27395-9	90755	SW8270C	Benzoic Acid	0.00085	mg/L	J, B
11FWAMW81-GWS	580-27395-10	90755	SW8270C	Benzoic Acid	0.00091	mg/L	J, B
11FWAMW26-GWS	580-27442-1	90755	SW8270C	Benzoic Acid	0.00069	mg/L	J, B
11FWAMW43-GWS	580-27442-2	90755	SW8270C	Benzoic Acid	0.00068	mg/L	J, B
11FWAMW03-GWS	580-27442-3	90755	SW8270C	Benzoic Acid	0.00069	mg/L	J, B
11FWAMW35-GWS	580-27464-2	90755	SW8270C	Benzoic Acid	0.00061	mg/L	J, B
11FWAMW64-GWS	580-27464-4	90755	SW8270C	Benzoic Acid	0.00069	mg/L	J, B
11FWAMW38-GWS	580-27464-6	90755	SW8270C	Benzoic Acid	0.00068	mg/L	J, B
11FWAMW64-GWBS	580-27464-16	90755	SW8270C	Benzoic Acid	0.00075	mg/L	J, B
Method Blank	90755/1	90755	SW8270C	Di-n-butyl phthalate	0.0000929	mg/L	-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-3 Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWAMW70-GWS	580-27395-8	90755	SW8270C	Di-n-butyl phthalate	0.000065	mg/L	J, B
11FWAMW76-GWS	580-27395-9	90755	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
11FWAMW81-GWS	580-27395-10	90755	SW8270C	Di-n-butyl phthalate	0.00008	mg/L	J, B
11FWAMW26-GWS	580-27442-1	90755	SW8270C	Di-n-butyl phthalate	0.000079	mg/L	J, B
11FWAMW43-GWS	580-27442-2	90755	SW8270C	Di-n-butyl phthalate	0.000081	mg/L	J, B
11FWAMW03-GWS	58027442-3	90755	SW8270C	Di-n-butyl phthalate	0.000078	mg/L	J, B
11FWAMW37-GWS	580-27464-1	90755	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
11FWAMW35-GWS	580-27464-2	90755	SW8270C	Di-n-butyl phthalate	0.00016	mg/L	J, B
11FWAMW64-GWS	580-27464-4	90755	SW8270C	Di-n-butyl phthalate	0.00014	mg/L	J, B
11FWAMW38-GWS	580-27464-6	90755	SW8270C	Di-n-butyl phthalate	0.000079	mg/L	J, B
11FWAMW64-GWBS	580-27464-16	90755	SW8270C	Di-n-butyl phthalate	0.000084	mg/L	J, B
Method Blank	91036/5	91036	AK101	Gasoline-Range Organics	0.0212	mg/L	-
11FWAMW08-GWS	580-27395-1	91036	AK101	Gasoline-Range Organics	0.017	mg/L	J, B
11FWAMW13-GWS	580-27395-2	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW47-GWS	580-27395-3	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW48-GWS	580-27395-5	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW53-GWS	580-27395-7	91036	AK101	Gasoline-Range Organics	0.016	mg/L	J, B
11FWATB02-GWS	580-27395-11	91036	AK101	Gasoline-Range Organics	0.021	mg/L	J, B
11FWAMW45-GWS	580-27464-5	91036	AK101	Gasoline-Range Organics	0.02	mg/L	J, B
11FWAMW38-GWS	580-27464-6	91036	AK101	Gasoline-Range Organics	0.016	mg/L	J, B
11FWAMW03-GWS	580-27464-7	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW06A-GWS	580-27464-8	91036	AK101	Gasoline-Range Organics	0.047	mg/L	J, B
11FWAMW26-GWS	580-27464-9	91036	AK101	Gasoline-Range Organics	0.017	mg/L	J, B
11FWATB03-GWS	580-27464-11	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
Method Blank	90759/1	90759	SW8081	4,4'-DDT	0.00000899	mg/L	-
11FWAMW37-GWS	580-27464-1	90759	SW8081	4,4'-DDT	0.0000098	mg/L	J, B
11FWAMW64-GWBS	580-27464-16	90759	SW8081	4,4'-DDT	0.000011	mg/L	J, B
Method Blank	92023	92023	SW6010B	Iron	0.0726	mg/L	-
11FWAMW37-GWS	580-27464-1	92023	SW6010B	Iron	0.052	mg/L	J, B
11FWAMW35-GWS	580-27464-2	92023	SW6010B	Iron	0.035	mg/L	J, B
Method Blank	91158	91158	SW8270C	Di-n-butyl phthalate	0.000109	mg/L	-
11FWAMW36-GWS	580-27511-14	91158	SW8270C	Di-n-butyl phthalate	0.00015	mg/L	J, B
11FWAMW32-GWS	580-27551-3	91158	SW8270C	Di-n-butyl phthalate	0.00018	mg/L	J, B
11FWAMW80-GWS	580-27551-5	91158	SW8270C	Di-n-butyl phthalate	0.000082	mg/L	J, B
11FWAMW61-GWS	580-27551-6	91158	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
11FWAMW56-GWS	580-27551-7	91158	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
Method Blank	92916	92916	SW6020	Copper	0.000559	mg/L	-
11FWAMW12-GWS	580-27551-1	92916	SW6020	Copper	0.002	mg/L	J, B

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-3 Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWAMW12-GWBS	580-27551-2	92916	SW6020	Copper	0.0025	mg/L	J, B
11FWAMW32-GWS	580-27551-3	92916	SW6020	Copper	0.0012	mg/L	J, B
11FWAMW33-GWS	580-27551-4	92916	SW6020	Copper	0.002	mg/L	J, B
11FWAMW80-GWS	580-27551-5	92916	SW6020	Copper	0.001	mg/L	J, B
11FWAMW77-GWS	580-27574-8	92916	SW6020	Copper	0.0018	mg/L	J, B
Method Blank	91429/4	91429	LL8260B	Tetrachloroethene (PCE)	0.000028	mg/L	-
11FWAMW61-GWS	580-27574-4	91429	LL8260B	Tetrachloroethene (PCE)	0.000046	mg/L	J, B
11FWAMW56-GWS	580-27574-5	91429	LL8260B	Tetrachloroethene (PCE)	0.000048	mg/L	J, B

Notes:

B = detected in associated method blank

J = estimated value

mg/L = milligrams per liter

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-4 Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
Method Blank	97196/1-A	97196	SW8270C	Benzoic Acid	0.000506	mg/L	-
11FWAMW39-GWF	29125-1	97196	SW8270C	Benzoic Acid	0.00082	mg/L	J, B
11FWAMW39-GWBF	29125-2	97196	SW8270C	Benzoic Acid	0.00069	mg/L	J, B
11FWAMW78-GWF	29125-7	97196	SW8270C	Benzoic Acid	0.00056	mg/L	J, B
11FWAMW56-GWF	29125-3	97196	SW8270C	Benzoic Acid	0.00064	mg/L	J, B
11FWAMW47-GWF	29125-6	97196	SW8270C	Benzoic Acid	0.00062	mg/L	J, B
11FWAMW40-GWF	29125-8	97196	SW8270C	Benzoic Acid	0.00061	mg/L	J, B
11FWAMW28-GWF	29125-5	97196	SW8270C	Benzoic Acid	0.0014	mg/L	B
11FWAMW61-GWF	29142-13	97196	SW8270C	Benzoic Acid	0.00068	mg/L	J, B
11FWAMW48-GWF	29142-16	97196	SW8270C	Benzoic Acid	0.00053	mg/L	J, B
11FWAMW57-GWF	29142-17	97196	SW8270C	Benzoic Acid	0.00055	mg/L	J, B
11FWAMW80-GWF	29142-18	97196	SW8270C	Benzoic Acid	0.00055	mg/L	J, B
11FWAMW79-GWF	29142-7	97196	SW8270C	Benzoic Acid	0.00063	mg/L	J, B
11FWAMW08-GWF	29142-8	97196	SW8270C	Benzoic Acid	0.00059	mg/L	J, B
Method Blank	97196/1-A	97196	SW8270C	Di-n-butyl phthalate	0.0000921	mg/L	-
11FWAMW39-GWF	29125-1	97196	SW8270C	Di-n-butyl phthalate	0.00007	mg/L	J, B
11FWAMW39-GWBF	29125-2	97196	SW8270C	Di-n-butyl phthalate	0.000087	mg/L	J, B
11FWAMW56-GWF	29125-3	97196	SW8270C	Di-n-butyl phthalate	0.000079	mg/L	J, B
11FWAMW47-GWF	29125-6	97196	SW8270C	Di-n-butyl phthalate	0.00009	mg/L	J, B
11FWAMW78-GWF	29125-7	97196	SW8270C	Di-n-butyl phthalate	0.00009	mg/L	J, B
11FWAMW40-GWF	29125-8	97196	SW8270C	Di-n-butyl phthalate	0.000097	mg/L	J, B
11FWAMW28-GWF	29125-5	97196	SW8270C	Di-n-butyl phthalate	0.000078	mg/L	J, B
11FWAMW48-GWF	29142-16	97196	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
11FWAMW57-GWF	29142-17	97196	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
11FWAMW80-GWF	29142-18	97196	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
11FWAMW79-GWF	29142-7	97196	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
11FWAMW08-GWF	29142-8	97196	SW8270C	Di-n-butyl phthalate	0.000074	mg/L	J, B
11FWAMW61-GWF	29142-13	97196	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
Method Blank	97356/1-A	97356	SW8270C	Di-n-butyl phthalate	0.000078	mg/L	-
11FWAMW43-GWF	29142-15	97356	SW8270C	Di-n-butyl phthalate	0.000086	mg/L	J, B
Method Blank	97356/1-A	97356	SW8270C	Benzyl butyl phthalate	0.00015	mg/L	-
11FWAMW43-GWF	29142-15	97356	SW8270C	Benzyl butyl phthalate	0.00011	mg/L	J, B
Method Blank	97395/16	97395	LL8260B	Carbon Tetrachloride	0.0000292	mg/L	-
11FWAMW12-GWF	580-29142-9	97395	LL8260B	Carbon Tetrachloride	0.000035	mg/L	J, B
11FWATB01-GWF	580-29142-19	97395	LL8260B	Carbon Tetrachloride	0.000059	mg/L	J, B
Method Blank	97395/16	97395	LL8260B	Tetrachloroethene	0.0000623	mg/L	-
11FWAMW39-GWF	580-29142-1	97395	LL8260B	Tetrachloroethene	0.000045	mg/L	J, B
11FWAMW39-GWBF	580-29142-2	97395	LL8260B	Tetrachloroethene	0.000056	mg/L	J, B

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-4 Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWAMW78-GWF	580-29142-3	97395	LL8260B	Tetrachloroethene	0.000046	mg/L	J, B
11FWAMW47-GWF	580-29142-4	97395	LL8260B	Tetrachloroethene	0.000045	mg/L	J, B
11FWAMW40-GWF	580-29142-5	97395	LL8260B	Tetrachloroethene	0.00004	mg/L	J, B
11FWAMW28-GWF	580-29142-6	97395	LL8260B	Tetrachloroethene	0.000034	mg/L	J, B
11FWAMW79-GWF	580-29142-7	97395	LL8260B	Tetrachloroethene	0.000032	mg/L	J, B
11FWAMW08-GWF	580-29142-8	97395	LL8260B	Tetrachloroethene	0.000036	mg/L	J, B
11FWAMW12-GWF	580-29142-9	97395	LL8260B	Tetrachloroethene	0.000035	mg/L	J, B
11FWATB01-GWF	580-29142-19	97395	LL8260B	Tetrachloroethene	0.000082	mg/L	J, B
Method Blank	97395/16	97395	LL8260B	Trichloroethene	0.0000268	mg/L	-
11FWAMW39-GWBF	580-29142-2	97395	LL8260B	Trichloroethene	0.000029	mg/L	J, B
11FWATB01-GWF	580-29142-19	97395	LL8260B	Trichloroethene	0.000054	mg/L	J, B
Method Blank	97944/16	97395	LL8260B	Tetrachloroethene	0.0000602	mg/L	-
11FWAMW12-GWBF	580-29142-10	97395	LL8260B	Tetrachloroethene	0.000029	mg/L	J, B
Method Blank	97239/5	97239	AK101	Gasoline-Range Organics	0.0202	mg/L	-
11FWAMW39-GWF	29142-1	97239	AK101	Gasoline-Range Organics	0.021	mg/L	J, B
11FWAMW39-GWBF	29142-2	97239	AK101	Gasoline-Range Organics	0.025	mg/L	J, B
11FWAMW78-GWF	29142-3	97239	AK101	Gasoline-Range Organics	0.016	mg/L	J, B
11FWAMW47-GWF	29142-4	97239	AK101	Gasoline-Range Organics	0.021	mg/L	J, B
11FWAMW28-GWF	29142-6	97239	AK101	Gasoline-Range Organics	0.018	mg/L	J, B
11FWAMW79-GWF	29142-7	97239	AK101	Gasoline-Range Organics	0.017	mg/L	J, B
11FWAMW08-GWF	29142-8	97239	AK101	Gasoline-Range Organics	0.021	mg/L	J, B
11FWAMW12-GWF	29142-9	97239	AK101	Gasoline-Range Organics	0.079	mg/L	B
11FWAMW12-GWBF	29142-10	97239	AK101	Gasoline-Range Organics	0.089	mg/L	B
11FWATB01-GWF	29142-19	97239	AK101	Gasoline-Range Organics	0.019	mg/L	J, B
Method Blank	98006/3	98006	LL8260B	1,1,2,2-Tetrachloroethane	0.0000357	mg/L	-
11FWAMW62-GWF	29175-7	98006	LL8260B	1,1,2,2-Tetrachloroethane	0.00011	mg/L	J, B
11FWATB03-GWF	29175-24	98006	LL8260B	1,1,2,2-Tetrachloroethane	0.000029	mg/L	J, B
Method Blank	98006/3	98006	LL8260B	1,1-Dichloroethene	0.0000383	mg/L	-
11FWAMW38-GWF	29175-12	98006	LL8260B	1,1-Dichloroethene	0.000034	mg/L	J, B
11FWAMW36-GWF	29175-19	98006	LL8260B	1,1-Dichloroethene	0.000052	mg/L	J, B
Method Blank	98006/3	98006	LL8260B	1,2-Dibromoethane	0.0000401	mg/L	-
11FWATB03-GWF	29175-24	98006	LL8260B	1,2-Dibromoethane	0.000042	mg/L	J, B
Method Blank	98006/3	98006	LL8260B	Benzene	0.0000334	mg/L	-
11FWATB03-GWF	29175-24	98006	LL8260B	Benzene	0.000043	mg/L	J, B
Method Blank	98006/3	98006	LL8260B	Carbon tetrachloride	0.0000578	mg/L	-
11FWATB03-GWF	29175-24	98006	LL8260B	Carbon tetrachloride	0.000033	mg/L	J, B
Method Blank	97944/16	97944	LL8260B	Tetrachloroethene	0.0000602	mg/L	-
11FWAMW61-GWF	29175-1	97944	LL8260B	Tetrachloroethene	0.00007	mg/L	J, B

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-4 Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWAMW80-GWF	29175-2	97944	LL8260B	Tetrachloroethene	0.000032	mg/L	J, B
11FWAMW48-GWF	29175-3	97944	LL8260B	Tetrachloroethene	0.000026	mg/L	J, B
11FWAMW57-GWF	29175-4	97944	LL8260B	Tetrachloroethene	0.000025	mg/L	J, B
11FWAMW56-GWF	29175-5	97944	LL8260B	Tetrachloroethene	0.000024	mg/L	J, B
11FWATB02-GWF	29175-13	97944	LL8260B	Tetrachloroethene	0.000076	mg/L	J, B
Method Blank	98006/3	98006	LL8260B	Tetrachloroethene	0.0000555	mg/L	-
11FWAMW37-GWF	29175-17	98006	LL8260B	Tetrachloroethene	0.000035	mg/L	J, B
11FWAMW77-GWF	29175-18	98006	LL8260B	Tetrachloroethene	0.000029	mg/L	J, B
11FWAMW36-GWF	29175-19	98006	LL8260B	Tetrachloroethene	0.000055	mg/L	J, B
11FWATB03-GWF	29175-24	98006	LL8260B	Tetrachloroethene	0.000069	mg/L	J, B
Method Blank	97944/16	97944	LL8260B	Trichloroethene	0.0000262	mg/L	-
11FWAMW48-GWF	29175-3	97944	LL8260B	Trichloroethene	0.000025	mg/L	J, B
11FWATB02-GWF	29175-13	97944	LL8260B	Trichloroethene	0.000065	mg/L	J, B
Method Blank	98006/3	98006	LL8260B	Vinyl Chloride	0.0000505	mg/L	-
11FWAMW81-GWF	29175-14	98006	LL8260B	Vinyl Chloride	0.000019	mg/L	J, B
11FWAMW64-GWBF	29175-15	98006	LL8260B	Vinyl Chloride	0.00019	mg/L	J, B
11FWAMW64-GWF	29175-16	98006	LL8260B	Vinyl Chloride	0.00022	mg/L	B
11FWAMW37-GWF	29175-17	98006	LL8260B	Vinyl Chloride	0.000057	mg/L	J, B
11FWAMW77-GWF	29175-18	98006	LL8260B	Vinyl Chloride	0.000026	mg/L	J, B
11FWAMW53-GWF	29175-21	98006	LL8260B	Vinyl Chloride	0.000033	mg/L	J, B
11FWAMW26-GWF	29175-22	98006	LL8260B	Vinyl Chloride	0.0002	mg/L	B
11FWATB03-GWF	29175-24	98006	LL8260B	Vinyl Chloride	0.000031	mg/L	J, B
Method Blank	97356/1	97356	SW8270C	Diethyl phthalate	0.0000765	mg/L	-
11FWAMW32-GWF	29175-10	97356	SW8270C	Diethyl phthalate	0.000095	mg/L	J, B
11FWAMW76-GWF	29175-11	97356	SW8270C	Diethyl phthalate	0.000084	mg/L	J, B
11FWAMW38-GWF	29175-12	97356	SW8270C	Diethyl phthalate	0.000085	mg/L	J, B
11FWAMW81-GWF	29175-14	97356	SW8270C	Diethyl phthalate	0.000064	mg/L	J, B
11FWAMW64-GWBF	29175-15	97356	SW8270C	Diethyl phthalate	0.000053	mg/L	J, B
11FWAMW64-GWF	29175-16	97356	SW8270C	Diethyl phthalate	0.000067	mg/L	J, B
11FWAMW37-GWF	29175-17	97356	SW8270C	Diethyl phthalate	0.000085	mg/L	J, B
11FWAMW36-GWF	29175-19	97356	SW8270C	Diethyl phthalate	0.0001	mg/L	J, B
Method Blank	97356/1	97356	SW8270C	Phenanthrene	0.0000105	mg/L	-
11FWAMW76-GWF	29175-11	97356	SW8270C	Phenanthrene	0.00001	mg/L	J, B
11FWAMW81-GWF	29175-14	97356	SW8270C	Phenanthrene	0.00001	mg/L	J, B
11FWAMW64-GWF	29175-16	97356	SW8270C	Phenanthrene	0.000011	mg/L	J, B
11FWAMW36-GWF	29175-19	97356	SW8270C	Phenanthrene	0.000014	mg/L	J, B
Method Blank	97356/1	97356	SW8270C	Di-n-butyl phthalate	0.000162	mg/L	-
11FWAMW32-GWF	29175-10	97356	SW8270C	Di-n-butyl phthalate	0.00016	mg/L	J, B

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-4 Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWAMW76-GWF	29175-11	97356	SW8270C	Di-n-butyl phthalate	0.00014	mg/L	J, B
11FWAMW38-GWF	29175-12	97356	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
11FWAMW81-GWF	29175-14	97356	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
11FWAMW64-GWBF	29175-15	97356	SW8270C	Di-n-butyl phthalate	0.000087	mg/L	J, B
11FWAMW64-GWF	29175-16	97356	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
11FWAMW37-GWF	29175-17	97356	SW8270C	Di-n-butyl phthalate	0.0001	mg/L	J, B
Method Blank	97356/1	97356	SW8270C	Benzyl butyl phthalate	0.00015	mg/L	-
11FWAMW32-GWF	29175-10	97356	SW8270C	Benzyl butyl phthalate	0.00016	mg/L	J, B
11FWAMW76-GWF	29175-11	97356	SW8270C	Benzyl butyl phthalate	0.00014	mg/L	J, B
11FWAMW38-GWF	29175-12	97356	SW8270C	Benzyl butyl phthalate	0.00014	mg/L	J, B
11FWAMW81-GWF	29175-14	97356	SW8270C	Benzyl butyl phthalate	0.0001	mg/L	J, B
11FWAMW64-GWBF	29175-15	97356	SW8270C	Benzyl butyl phthalate	0.00012	mg/L	J, B
11FWAMW37-GWF	29175-17	97356	SW8270C	Benzyl butyl phthalate	0.00012	mg/L	J, B
Method Blank	97420/1	97420	SW8270C	Phenanthrene	0.0000108	mg/L	-
11FWAMW26-GWF	29181-3	97420	SW8270C	Phenanthrene	0.000012	mg/L	J, B
11FWAMW13-GWF	29181-4	97420	SW8270C	Phenanthrene	0.000019	mg/L	J, B
11FWAMW53-GWF	29181-6	97420	SW8270C	Phenanthrene	0.000012	mg/L	J, B
11FWAMW03-GWF	29181-7	97420	SW8270C	Phenanthrene	0.000015	mg/L	J, B
Method Blank	97420/1	97420	SW8270C	Di-n-butyl phthalate	0.0000862	mg/L	-
11FWAMW69-GWF	29181-1	97420	SW8270C	Di-n-butyl phthalate	0.00012	mg/L	J, B
11FWAMW45-GWF	29181-2	97420	SW8270C	Di-n-butyl phthalate	0.000079	mg/L	J, B
11FWAMW26-GWF	29181-3	97420	SW8270C	Di-n-butyl phthalate	0.0001	mg/L	J, B
11FWAMW70-GWF	29181-5	97420	SW8270C	Di-n-butyl phthalate	0.000096	mg/L	J, B
11FWAMW53-GWF	29181-6	97420	SW8270C	Di-n-butyl phthalate	0.000067	mg/L	J, B
11FWAMW03-GWF	29181-7	97420	SW8270C	Di-n-butyl phthalate	0.00011	mg/L	J, B
Method Blank	98038/3	98038	LL8260B	1,1,2,2-Tetrachloroethane	0.0000282	mg/L	-
11FWAMW58-GWF	29203-7	98038	LL8260B	1,1,2,2-Tetrachloroethane	0.000031	mg/L	J, B
11FWATB05-GWF	29203-13	98038	LL8260B	1,1,2,2-Tetrachloroethane	0.000031	mg/L	J, B
Method Blank	98038/3	98038	LL8260B	1,1-Dichloroethene	0.0000394	mg/L	-
11FWAMW69-GWF	29203-15	98038	LL8260B	1,1-Dichloroethene	0.000097	mg/L	J, B
11FWATB05-GWF	29203-13	98038	LL8260B	1,1-Dichloroethene	0.00006	mg/L	J, B
Method Blank	98038/3	98038	LL8260B	1,2-Dibromoethane	0.0000274	mg/L	-
11FWATB05-GWF	29203-13	98038	LL8260B	1,2-Dibromoethane	0.000031	mg/L	J, B
Method Blank	98038/3	98038	LL8260B	Benzene	0.0000363	mg/L	-
11FWATB05-GWF	29203-13	98038	LL8260B	Benzene	0.000033	mg/L	J, B
Method Blank	98038/3	98038	LL8260B	Tetrachloroethene	0.0000465	mg/L	-
11FWAMW87-GWF	29203-5	98038	LL8260B	Tetrachloroethene	0.000028	mg/L	J, B
11FWATB05-GWF	29203-13	98038	LL8260B	Tetrachloroethene	0.000047	mg/L	J, B

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-4 Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
Method Blank	98038/3	98038	LL8260B	Trichloroethene	0.0000369	mg/L	-
11FWAMW86-GWF	29203-6	98038	LL8260B	Trichloroethene	0.000096	mg/L	J, B
11FWAMW58-GWF	29203-7	98038	LL8260B	Trichloroethene	0.000032	mg/L	J, B
11FWATB05-GWF	29203-13	98038	LL8260B	Trichloroethene	0.000058	mg/L	J, B
Method Blank	98038/3	98038	LL8260B	Vinyl Chloride	0.0000257	mg/L	-
11FWAMW35-GWF	29203-3	98038	LL8260B	Vinyl Chloride	0.000044	mg/L	J, B
11FWAMW58-GWF	29203-7	98038	LL8260B	Vinyl Chloride	0.000091	mg/L	J, B
11FWAMW03-GWF	29203-14	98038	LL8260B	Vinyl Chloride	0.000098	mg/L	J, B
11FWAMW45-GWF	29203-16	98038	LL8260B	Vinyl Chloride	0.000022	mg/L	J, B
11FWAMW84-GWF	29203-18	98038	LL8260B	Vinyl Chloride	0.000013	mg/L	J, B
11FWATB05-GWF	29203-13	98038	LL8260B	Vinyl Chloride	0.000042	mg/L	J, B
Method Blank	97717/25	97717	AK101	Gasoline-Range Organics	0.0348	mg/L	-
11FWAMW58-GWF	29203-7	97717	AK101	Gasoline-Range Organics	0.027	mg/L	J, B
11FWAMW03-GWF	29203-14	97717	AK101	Gasoline-Range Organics	0.025	mg/L	J, B
11FWAMW69-GWF	29203-15	97717	AK101	Gasoline-Range Organics	0.031	mg/L	J, B
11FWAMW45-GWF	29203-16	97717	AK101	Gasoline-Range Organics	0.022	mg/L	J, B
11FWATB04-GWF	29203-20	97717	AK101	Gasoline-Range Organics	0.022	mg/L	J, B
Method Blank	98008/1	98008	SW8270C	Di-n-butyl phthalate	0.0000694	mg/L	-
11FWAMW91-GWF	29332-2	98008	SW8270C	Di-n-butyl phthalate	0.000073	mg/L	J, B
Method Blank	98373/1	98373	AK102	Diesel-Range Organics	0.0357	mg/L	-
11FWAMW92-GWF	29332-1	98373	AK102	Diesel-Range Organics	0.066	mg/L	J, B
11FWAMW91-GWF	29332-2	98373	AK102	Diesel-Range Organics	0.089	mg/L	J, B

Notes:

B = detected in associated method blank

J = estimated value

mg/L = milligrams per liter

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-5 Trip Blank Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWATB01-GWS	580-27365-7	90630	SW8260B	Methylene Chloride	0.026	mg/L	-
11FWAMW39-GWS	580-27365-1	90630	SW8260B	Methylene Chloride	0.00015	mg/L	J, B
11FWATB02-GWS	580-27395-11	91036	AK101	Gasoline-Range Organics	0.021	mg/L	J, B
11FWAMW08-GWS	580-27395-1	91036	AK101	Gasoline-Range Organics	0.017	mg/L	J, B
11FWAMW13-GWS	580-27395-2	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW47-GWS	580-27395-3	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW48-GWS	580-27395-5	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW53-GWS	580-27395-7	91036	AK101	Gasoline-Range Organics	0.016	mg/L	J, B
11FWATB03-GWS	580-27464-11	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW45-GWS	580-27464-5	91036	AK101	Gasoline-Range Organics	0.02	mg/L	J, B
11FWAMW38-GWS	580-27464-6	91036	AK101	Gasoline-Range Organics	0.016	mg/L	J, B
11FWAMW03-GWS	580-27464-7	91036	AK101	Gasoline-Range Organics	0.015	mg/L	J, B
11FWAMW06A-GWS	580-27464-8	91036	AK101	Gasoline-Range Organics	0.047	mg/L	J, B
11FWAMW26-GWS	580-27464-9	91036	AK101	Gasoline-Range Organics	0.017	mg/L	J, B
11FWATB05-GWS	580-27574-11	91877	SW8260B	Methylene Chloride	0.18	mg/L	-
11FWAMW12-GWBS	580-27574-2	91877	SW8260B	Methylene Chloride	0.0002	mg/L	J, B
11FWAMW32-GWS	580-27574-3	91877	SW8260B	Methylene Chloride	0.00035	mg/L	J, B
11FWAMW80-GWS	580-27574-6	91925	SW8260B	Methylene Chloride	0.00019	mg/L	J, B
11FWATB05-GWS	580-27574-11	91877	SW8260B	2-Butanone	0.0042	mg/L	-
11FWAMW33-GWS	580-27574-7	91925	SW8260B	2-Butanone	0.0016	mg/L	J, B

Notes:

B = detected in associated method blank and/or trip blank

J = estimated value

mg/L = milligrams per liter

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-6 Trip Blank Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWATB01-GWF	580-29142-19	97395	LL8260B	1,1-Dichloroethene	0.000064	mg/L	J
11FWAMW47-GWF	580-29142-4	97395	LL8260B	1,1-Dichloroethene	0.000064	mg/L	J, B
11FWAMW40-GWF	580-29142-5	97395	LL8260B	1,1-Dichloroethene	0.000045	mg/L	J, B
11FWATB01-GWF	580-29142-19	97395	LL8260B	Carbon Tetrachloride	0.000059	mg/L	J, B
11FWAMW12-GWF	580-29142-9	97395	LL8260B	Carbon Tetrachloride	0.000035	mg/L	J, B
11FWATB01-GWF	580-29142-19	97395	LL8260B	Tetrachloroethene	0.000082	mg/L	J, B
11FWAMW39-GWF	580-29142-1	97395	LL8260B	Tetrachloroethene	0.000045	mg/L	J, B
11FWAMW39-GWBF	580-29142-2	97395	LL8260B	Tetrachloroethene	0.000056	mg/L	J, B
11FWAMW78-GWF	580-29142-3	97395	LL8260B	Tetrachloroethene	0.000046	mg/L	J, B
11FWAMW47-GWF	580-29142-4	97395	LL8260B	Tetrachloroethene	0.000045	mg/L	J, B
11FWAMW40-GWF	580-29142-5	97395	LL8260B	Tetrachloroethene	0.00004	mg/L	J, B
11FWAMW28-GWF	580-29142-6	97395	LL8260B	Tetrachloroethene	0.000034	mg/L	J, B
11FWAMW79-GWF	580-29142-7	97395	LL8260B	Tetrachloroethene	0.000032	mg/L	J, B
11FWAMW08-GWF	580-29142-8	97395	LL8260B	Tetrachloroethene	0.000036	mg/L	J, B
11FWAMW12-GWF	580-29142-9	97395	LL8260B	Tetrachloroethene	0.000035	mg/L	J, B
11FWAMW12-GWBF	580-29142-10	97944	LL8260B	Tetrachloroethene	0.000029	mg/L	J, B
11FWATB01-GWF	580-29142-19	97395	LL8260B	Trichloroethene	0.000054	mg/L	J, B
11FWAMW39-GWBF	580-29142-2	97395	LL8260B	Trichloroethene	0.000029	mg/L	J, B
11FWATB01-GWF	580-29142-19	97395	LL8260B	Vinyl Chloride	0.000027	mg/L	J
11FWAMW40-GWF	580-29142-5	97395	LL8260B	Vinyl Chloride	0.000088	mg/L	J, B
11FWATB01-GWF	29142-19	97239	AK101	Gasoline-Range Organics	0.019	mg/L	J, B
11FWAMW39-GWF	29142-1	97239	AK101	Gasoline-Range Organics	0.021	mg/L	J, B
11FWAMW39-GWBF	29142-2	97239	AK101	Gasoline-Range Organics	0.025	mg/L	J, B
11FWAMW78-GWF	29142-3	97239	AK101	Gasoline-Range Organics	0.016	mg/L	J, B
11FWAMW47-GWF	29142-4	97239	AK101	Gasoline-Range Organics	0.021	mg/L	J, B
11FWAMW28-GWF	29142-6	97239	AK101	Gasoline-Range Organics	0.018	mg/L	J, B
11FWAMW79-GWF	29142-7	97239	AK101	Gasoline-Range Organics	0.017	mg/L	J, B
11FWAMW08-GWF	29142-8	97239	AK101	Gasoline-Range Organics	0.021	mg/L	J, B
11FWAMW12-GWF	29142-9	97239	AK101	Gasoline-Range Organics	0.079	mg/L	B
11FWAMW12-GWBF	29142-10	97239	AK101	Gasoline-Range Organics	0.089	mg/L	B
11FWATB03-GWF	29175-24	97954	SW8260B	cis-1,2-Dichloroethene	0.00023	mg/L	J
11FWAMW64-GWBF	29175-15	97954	SW8260B	cis-1,2-Dichloroethene	0.00088	mg/L	J, B
11FWAMW64-GWF	29175-16	97954	SW8260B	cis-1,2-Dichloroethene	0.00099	mg/L	J, B
11FWAMW77-GWF	29175-18	97954	SW8260B	cis-1,2-Dichloroethene	0.00032	mg/L	J, B
11FWATB03-GWF	29175-24	97954	SW8260B	Trichloroethene	0.00068	mg/L	J
11FWAMW64-GWBF	29175-15	97954	SW8260B	Trichloroethene	0.0012	mg/L	B
11FWAMW64-GWF	29175-16	97954	SW8260B	Trichloroethene	0.0013	mg/L	B
11FWAMW77-GWF	29175-18	97954	SW8260B	Trichloroethene	0.00093	mg/L	J, B

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-6 Trip Blank Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWATB02-GWF	29175-24	97944	LL8260B	1,1,2,2-Tetrachloroethene	0.000046	mg/L	J
11FWAMW62-GWF	29175-7	98006	LL8260B	1,1,2,2-Tetrachloroethene	0.00011	mg/L	J, B
11FWATB02-GWF	29175-13	97944	LL8260B	1,1-Dichloroethene	0.000047	mg/L	J
11FWAMW80-GWF	29175-2	97944	LL8260B	1,1-Dichloroethene	0.000061	mg/L	J, B
11FWAMW48-GWF	29175-3	97944	LL8260B	1,1-Dichloroethene	0.00022	mg/L	J, B
11FWATB02-GWF	29175-13	97944	LL8260B	1,2-Dichloroethane	0.000032	mg/L	J
11FWAMW61-GWF	29175-1	97944	LL8260B	1,2-Dichloroethane	0.000071	mg/L	J, B
11FWAMW57-GWF	29175-4	97944	LL8260B	1,2-Dichloroethane	0.000064	mg/L	J, B
11FWAMW56-GWF	29175-5	97944	LL8260B	1,2-Dichloroethane	0.000043	mg/L	J, B
11FWAMW33-GWF	29175-6	97944	LL8260B	1,2-Dichloroethane	0.000081	mg/L	J, B
11FWAMW06A-GWF	29175-8	98006	LL8260B	1,2-Dichloroethane	0.000054	mg/L	J, B
11FWAMW32-GWF	29175-10	98006	LL8260B	1,2-Dichloroethane	0.000039	mg/L	J, B
11FWATB03-GWF	29175-24	98006	LL8260B	1,2-Dichloroethane	0.000033	mg/L	J
11FWAMW70-GWF	29175-20	98006	LL8260B	1,2-Dichloroethane	0.000047	mg/L	J, B
11FWATB02-GWF	29175-13	97944	LL8260B	Benzene	0.000043	mg/L	J
11FWAMW33-GWF	29175-6	97944	LL8260B	Benzene	0.00005	mg/L	J, B
11FWAMW06A-GWF	29175-8	98006	LL8260B	Benzene	0.000026	mg/L	J, B
11FWATB02-GWF	29175-13	97944	LL8260B	Tetrachloroethene	0.000076	mg/L	J, B
11FWAMW61-GWF	29175-1	97944	LL8260B	Tetrachloroethene	0.00007	mg/L	J, B
11FWAMW80-GWF	29175-2	97944	LL8260B	Tetrachloroethene	0.000032	mg/L	J, B
11FWAMW48-GWF	29175-3	97944	LL8260B	Tetrachloroethene	0.000026	mg/L	J, B
11FWAMW57-GWF	29175-4	97944	LL8260B	Tetrachloroethene	0.000025	mg/L	J, B
11FWAMW56-GWF	29175-5	97944	LL8260B	Tetrachloroethene	0.000024	mg/L	J, B
11FWATB03-GWF	29175-24	98006	LL8260B	Tetrachloroethene	0.000069	mg/L	J, B
11FWAMW37-GWF	29175-17	98006	LL8260B	Tetrachloroethene	0.000035	mg/L	J, B
11FWAMW77-GWF	29175-18	98006	LL8260B	Tetrachloroethene	0.000029	mg/L	J, B
11FWAMW36-GWF	29175-19	98006	LL8260B	Tetrachloroethene	0.000055	mg/L	J, B
11FWATB02-GWF	29175-13	97944	LL8260B	Trichloroethene	0.000065	mg/L	J, B
11FWAMW48-GWF	29175-3	97944	LL8260B	Trichloroethene	0.000025	mg/L	J, B
11FWATB03-GWF	29175-24	98006	LL8260B	Trichloroethene	0.00068	mg/L	-
11FWAMW64-GWBF	29175-15	98006	LL8260B	Trichloroethene	0.0011	mg/L	B
11FWAMW64-GWF	29175-16	98006	LL8260B	Trichloroethene	0.0012	mg/L	B
11FWAMW77-GWF	29175-18	98006	LL8260B	Trichloroethene	0.00093	mg/L	B
11FWAMW53-GWF	29175-21	98006	LL8260B	Trichloroethene	0.000086	mg/L	J, B
11FWATB02-GWF	29175-13	97944	LL8260B	Vinyl chloride	0.000044	mg/L	J
11FWAMW80-GWF	29175-2	97944	LL8260B	Vinyl chloride	0.000021	mg/L	J, B
11FWAMW33-GWF	29175-6	97944	LL8260B	Vinyl chloride	0.000015	mg/L	J, B
11FWAMW06A-GWF	29175-8	98006	LL8260B	Vinyl chloride	0.0001	mg/L	J, B

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-6 Trip Blank Samples Flagged J and B for Blank Contamination

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
11FWAMW43-GWF	29175-9	98006	LL8260B	Vinyl chloride	0.00002	mg/L	J, B
11FWAMW32-GWF	29175-10	98006	LL8260B	Vinyl chloride	0.00012	mg/L	J, B
11FWATB03-GWF	29175-24	98006	LL8260B	Vinyl chloride	0.000031	mg/L	J, B
11FWAMW81-GWF	29175-14	98006	LL8260B	Vinyl chloride	0.000019	mg/L	J, B
11FWAMW37-GWF	29175-17	98006	LL8260B	Vinyl chloride	0.000057	mg/L	J, B
11FWAMW77-GWF	29175-18	98006	LL8260B	Vinyl chloride	0.000026	mg/L	J, B
11FWAMW53-GWF	29175-21	98006	LL8260B	Vinyl chloride	0.000033	mg/L	J, B
11FWATB04-GWF	29203-20	97717	AK101	Gasoline-Range Organics	0.022	mg/L	J, B
11FWAMW58-GWF	29203-7	97717	AK101	Gasoline-Range Organics	0.027	mg/L	J, B
11FWAMW03-GWF	29203-14	97717	AK101	Gasoline-Range Organics	0.025	mg/L	J, B
11FWAMW69-GWF	29203-15	97717	AK101	Gasoline-Range Organics	0.031	mg/L	J, B
11FWAMW45-GWF	29203-16	97717	AK101	Gasoline-Range Organics	0.022	mg/L	J, B

Notes:

B = detected in associated method blank and/or trip blank

J = estimated value

mg/L = milligrams per liter

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-7 LCS/LCSD Flagged JL for Potential Bias

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Results	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Laboratory Control Spike	88079/2-A	580-26986-1	LCS	SW8270C	Hexachlorocyclopentadiene	-	36	45	125	Percent	-
Laboratory Control Spike Duplicate	88079/3-A	580-26986-1	LCSD	SW8270C	Hexachlorocyclopentadiene	-	35	45	125	Percent	-
11FWA-TAKU-MW62	580-26986-1	580-26986-1	-	SW8270C	Hexachlorocyclopentadiene	ND	-	-	-	mg/L	JL-
11FWA-TAKU-MW62D	580-26986-2	580-26986-1	-	SW8270C	Hexachlorocyclopentadiene	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	90758/2	580-27395-1	LCS	SW8270C	4-Chloroaniline	-	5	30	100	Percent	-
11FWAMW48-GWS	580-27395-5	580-27395-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW69-GWS	580-27395-6	580-27395-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW70-GWS	580-27395-8	580-27395-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW76-GWS	580-27395-9	580-27395-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW81-GWS	580-27395-10	580-27395-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW26-GWS	580-27442-1	580-27442-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW43-GWS	580-27442-2	580-27442-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW03-GWS	580-27442-3	580-27442-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW37-GWS	580-27464-1	580-27464-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW58-GWS	580-27464-3	580-27464-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	R
Laboratory Control Spike	90758/2	580-27395-1	LCS	SW8270C	3,3'-Dichloribenzidine	-	7	20	110	Percent	-
11FWAMW48-GWS	580-27395-5	580-27395-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW69-GWS	580-27395-6	580-27395-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW70-GWS	580-27395-8	580-27395-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW76-GWS	580-27395-9	580-27395-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW81-GWS	580-27395-10	580-27395-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW26-GWS	580-27442-1	580-27442-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW43-GWS	580-27442-2	580-27442-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW03-GWS	580-27442-3	580-27442-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW37-GWS	580-27464-1	580-27464-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW58-GWS	580-27464-3	580-27464-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8270C	3,3'-Dichloribenzidine	ND	-	-	-	mg/L	R
Laboratory Control Spike	90758/2	580-27395-1	LCS	SW8270C	N-nitrosodiphenylamine	-	34	50	110	Percent	-
11FWAMW48-GWS	580-27395-5	580-27395-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW69-GWS	580-27395-6	580-27395-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-7 LCS/LCSD Flagged JL for Potential Bias

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Results	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW70-GWS	580-27395-8	580-27395-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW76-GWS	580-27395-9	580-27395-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW81-GWS	580-27395-10	580-27395-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW26-GWS	580-27442-1	580-27442-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW43-GWS	580-27442-2	580-27442-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW03-GWS	580-27442-3	580-27442-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW37-GWS	580-27464-1	580-27464-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8270C	N-nitrosodiphenylamine	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	77018/2	580-27395-1	LCS	SW8330	m-Nitrotoluene	-	38	50	130	Percent	-
Laboratory Control Spike Duplicate	77108/3	580-27395-1	LCSD	SW8330	m-Nitrotoluene	-	44	50	130	Percent	-
11FWAMW69-GWS	580-27395-6	580-27395-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JL-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JL-
11FWAMW70-GWS	580-27395-8	580-27395-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	77018/2	580-27395-1	LCS	SW8330	o-Nitrotoluene	-	39	45	135	Percent	-
Laboratory Control Spike Duplicate	77108/3	580-27395-1	LCSD	SW8330	o-Nitrotoluene	-	36	45	135	Percent	-
11FWAMW69-GWS	580-27395-6	580-27395-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JL-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JL-
11FWAMW70-GWS	580-27395-8	580-27395-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	77018/2	580-27395-1	LCS	SW8330	p-Nitrotoluene	-	40	50	130	Percent	-
Laboratory Control Spike Duplicate	77108/3	580-27395-1	LCSD	SW8330	p-Nitrotoluene	-	41	50	130	Percent	-
11FWAMW69-GWS	580-27395-6	580-27395-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JL-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JL-
11FWAMW70-GWS	580-27395-8	580-27395-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	91158/2	580-27511-1	LCS	SW8270C	Di-n-butyl phthalate	-	120	55	115	Percent	-
Laboratory Control Spike Duplicate	91158/3	580-27511-1	LCSD	SW8270C	Di-n-butyl phthalate	-	122	55	115	Percent	-
11FWAMW36-GWS	580-27511-14	580-27511-1	-	SW8270C	Di-n-butyl phthalate	0.00015	-	-	-	mg/L	JL+
11FWAMW32-GWS	580-27551-3	580-27551-1	-	SW8270C	Di-n-butyl phthalate	0.00018	-	-	-	mg/L	JL+
11FWAMW80-GWS	580-27551-5	580-27551-1	-	SW8270C	Di-n-butyl phthalate	0.000092	-	-	-	mg/L	JL+
11FWAMW61-GWS	580-27551-6	580-27551-1	-	SW8270C	Di-n-butyl phthalate	0.00011	-	-	-	mg/L	JL+
11FWAMW56-GWS	580-27551-7	580-27551-1	-	SW8270C	Di-n-butyl phthalate	0.00011	-	-	-	mg/L	JL+
Laboratory Control Spike	91158/2	580-27511-1	LCS	SW8270C	2,4-Dimethylphenol	-	8	30	100	Percent	-
Laboratory Control Spike Duplicate	91158/3	580-27511-1	LCSD	SW8270C	2,4-Dimethylphenol	-	40	30	100	Percent	-
11FWAMW36-GWS	580-27511-14	580-27511-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
11FWAMW12-GWS	580-27551-1	580-27551-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
11FWAMW12-GWBS	580-27551-2	580-27551-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-7 LCS/LCSD Flagged JL for Potential Bias

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Results	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11FWAMW32-GWS	580-27551-3	580-27551-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
11FWAMW80-GWS	580-27551-5	580-27551-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
11FWAMW61-GWS	580-27551-6	580-27551-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
11FWAMW56-GWS	580-27551-7	580-27551-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
11FWAMW77-GWS	580-27574-8	580-27574-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
Laboratory Control Spike Duplicate	91594/3	580-27551-1	LCSD	AK102	Diesel-Range Organics	-	72	75	125	mg/L	-
11FWAMW32-GWS	580-27551-3	580-27551-1	-	AK102	Diesel-Range Organics	0.11	-	-	-	mg/L	JL-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	AK102	Diesel-Range Organics	6.7	-	-	-	mg/L	JL-
11FWAMW80-GWS	580-27551-5	580-27551-1	-	AK102	Diesel-Range Organics	0.029	-	-	-	mg/L	JL-
11FWAMW61-GWS	580-27551-6	580-27551-1	-	AK102	Diesel-Range Organics	0.07	-	-	-	mg/L	JL-
11FWAMW56-GWS	580-27551-7	580-27551-1	-	AK102	Diesel-Range Organics	0.11	-	-	-	mg/L	JL-

Notes:

JL+ = estimated with a possible high bias

JL- = estimated with a possible low bias

mg/L= milligrams per liter

ND = not detected

R = rejected data point

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-8 LCS/LCSD Flagged JL for Potential Bias

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Laboratory Control Spike	580-97863/6	580-29142-1	LCS	SW8620B	Bromoform	-	64	70	130	Percent	-
11FWAMW39-GWF	580-29142-1	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW39-GWBF	580-29142-2	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW78-GWF	580-29142-3	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW47-GWF	580-29142-4	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW40-GWF	580-29142-6	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW79-GWF	580-29142-7	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW08-GWF	580-29142-8	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW12-GWF	580-29142-9	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW12-GWBF	580-29142-10	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWATB01-GWF	580-29142-19	580-29142-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW61-GWF	580-29175-1	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW80-GWF	580-29175-2	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW48-GWF	580-29175-3	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW57-GWF	580-29175-4	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW56-GWF	580-29175-5	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW33-GWF	580-29175-6	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	580-97954/6	580-29175-1	LCS	SW8620B	Bromoform	-	66	70	130	Percent	-
11FWAMW62-GWF	580-29175-7	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW06A-GWF	580-29175-8	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW43-GWF	580-29175-9	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW32-GWF	580-29175-10	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW76-GWF	580-29175-11	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW38-GWF	580-29175-12	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMWTB02-GWF	580-29175-13	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW81-GWF	580-29175-14	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW64-GWBF	580-29175-15	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW64-GWF	580-29175-16	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW37-GWF	580-29175-17	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW77-GWF	580-29175-18	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW36-GWF	580-29175-19	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW70-GWF	580-29175-20	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW53-GWF	580-29175-21	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW26-GWF	580-29175-22	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMW13-GWF	580-29175-23	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
11FWAMWTB03-GWF	580-29175-24	580-29175-1	-	SW8620B	Bromoform	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	580-97954/6	580-29175-1	LCS	SW8620B	Acetone	-	16	40	140	Percent	-
11FWAMW62-GWF	580-29175-7	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW06A-GWF	580-29175-8	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW43-GWF	580-29175-9	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW32-GWF	580-29175-10	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW76-GWF	580-29175-11	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-8 LCS/LCSD Flagged JL for Potential Bias

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11FWAMW38-GWF	580-29175-12	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMWTB02-GWF	580-29175-13	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW81-GWF	580-29175-14	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW64-GWBF	580-29175-15	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW64-GWF	580-29175-16	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW37-GWF	580-29175-17	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW77-GWF	580-29175-18	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW36-GWF	580-29175-19	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW70-GWF	580-29175-20	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW53-GWF	580-29175-21	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW26-GWF	580-29175-22	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMW13-GWF	580-29175-23	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
11FWAMWTB03-GWF	580-29175-24	580-29175-1	-	SW8620B	Acetone	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	580-98008/2-A	580-29332-1	LCS	SW8270C	2,4-Dimethylphenol	-	7	30	110	Percent	-
Laboratory Control Spike Duplicate	580-98008/3-A	580-29332-1	LCSD	SW8270C	2,4-Dimethylphenol	-	32	30	110	Percent	-
11FWAMW92-GWF	580-29332-1	580-29332-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
11FWAMW91-GWF	580-29332-2	580-29332-1	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JL-
Laboratory Control Spike	580-98008/2-A	580-29332-1	LCS	SW8270C	4-Chloroaniline	-	3	15	110	Percent	-
Laboratory Control Spike Duplicate	580-98008/3-A	580-29332-1	LCSD	SW8270C	4-Chloroaniline	-	65	15	110	Percent	-
11FWAMW92-GWF	580-29332-1	580-29332-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	JL-
11FWAMW91-GWF	580-29332-2	580-29332-1	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	JL-

Notes:

JL+ = estimated with a possible high bias

JL- = estimated with a possible low bias

mg/L= milligrams per liter

ND = not detected

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-9 Sample Results Qualified due to Surrogate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
11FWAMW40-GWS	580-27365-3	580-27365-1	Surrogate	LL8260B	Trichlorofluorotoluene	-	122	80	120	Percent	-
11FWAMW40-GWS	580-27365-3	580-27365-1	-	LL8260B	1,2-Dichloroethane	0.00019	-	-	-	mg/L	JS+
11FWAMW40-GWS	580-27365-3	580-27365-1	-	LL8260B	Trichloroethene (TCE)	0.000035	-	-	-	mg/L	JS+
11FWAMW40-GWS	580-27365-3	580-27365-1	-	LL8260B	Vinyl chloride	0.000079	-	-	-	mg/L	JS+
11FWAMW39-GWBS	580-27365-2	580-27365-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	72	75	118	Percent	-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW39-GWBS	580-27365-2	580-27365-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	74	75	118	Percent	-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW79-GWS	580-27365-5	580-27365-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	74	75	118	Percent	-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-9 Sample Results Qualified due to Surrogate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW47-GWS	580-27365-8	580-27365-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	70	75	118	Percent	-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW57-GWS	580-27365-9	580-27365-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	51	75	118	Percent	-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW53-GWS	580-27395-7	580-27395-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	Surrogate	LL8270C	Terphenyl-d14	-	31	50	135	mg/L	-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	2-Methylnaphthalene	0.00012	-	-	-	mg/L	JS-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-9 Sample Results Qualified due to Surrogate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Acenaphthylene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Anthracene	0.00006	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Benzo(a)anthracene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Benzo(a)pyrene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Benzo(b)fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Benzo(g,h,i)perylene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Benzo(k)fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Chrysene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Dibenzo(a,h)anthracene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Indeno(1,2,3-cd)pyrene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Naphthalene	0.00017	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Phenanthrene	0.000081	-	-	-	mg/L	JS-
11FWAMW06A-GWS	580-27442-5	580-27442-1	-	LL8270C	Pyrene	0.0000068	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	Surrogate	LL8270C	Terphenyl-d14	-	47	50	135	mg/L	-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	2-Methylnaphthalene	0.0001	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Acenaphthylene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Anthracene	0.000027	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Benzo(a)anthracene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Benzo(a)pyrene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Benzo(b)fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Benzo(g,h,i)perylene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Benzo(k)fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Chrysene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Dibenzo(a,h)anthracene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Indeno(1,2,3-cd)pyrene	ND	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Naphthalene	0.000038	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Phenanthrene	0.0001	-	-	-	mg/L	JS-
11FWAMW58-GWS	580-27464-3	580-27464-1	-	LL8270C	Pyrene	0.0000085	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	Surrogate	LL8270C	Terphenyl-d14	-	29	50	135	mg/L	-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	2-Methylnaphthalene	0.000087	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Acenaphthylene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Anthracene	0.000043	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Benzo(a)anthracene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Benzo(a)pyrene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Benzo(b)fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Benzo(g,h,i)perylene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Benzo(k)fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Chrysene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Dibenzo(a,h)anthracene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Fluoranthene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Indeno(1,2,3-cd)pyrene	ND	-	-	-	mg/L	JS-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-9 Sample Results Qualified due to Surrogate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Naphthalene	0.00014	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Phenanthrene	0.00011	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	LL8270C	Pyrene	0.0000066	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	70	75	118	Percent	-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW35-GWS	580-27464-2	580-27464-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	67	75	118	Percent	-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	68	75	118	Percent	-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-9 Sample Results Qualified due to Surrogate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW45-GWS	580-27464-5	580-27464-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	67	75	118	Percent	-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW38-GWS	580-27464-6	580-27464-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	66	75	118	Percent	-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	1,2-Dinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	m-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	o-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW64-GWBS	580-27464-16	580-27464-1	-	SW8330	2,4,6-Trinitrotoluene	ND	-	-	-	mg/L	JS-
11FWAMW33-GWS	580-27551-4	580-27551-1	Surrogate	SW8151A	2,4-Dichlorophenylacetic acid	-	27	40	135	Percent	-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	2,4,5-T	ND	-	-	-	mg/L	JS-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	2,4,5-TP (Silvex)	ND	-	-	-	mg/L	JS-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-9 Sample Results Qualified due to Surrogate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	2,4-D	ND	-	-	-	mg/L	JS-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	2,4-DB	ND	-	-	-	mg/L	JS-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	4-Nitrophenol	ND	-	-	-	mg/L	JS-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	Dalapon	ND	-	-	-	mg/L	JS-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	Dicamba	ND	-	-	-	mg/L	JS-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	Dichlorprop	ND	-	-	-	mg/L	JS-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8151A	Dinoseb	ND	-	-	-	mg/L	JS-
11FWAMW12-GWS	580-27551-1	580-27551-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	352	75	118	mg/L	-
11FWAMW12-GWS	580-27551-1	580-27551-1	-	SW8330	2,6-Dinitrotoluene	0.00072	-	-	-	mg/L	JS+
11FWAMW12-GWS	580-27551-1	580-27551-1	-	SW8330	4-Amino-2,6-dinitrotoluene	0.0016	-	-	-	mg/L	JS+
11FWAMW12-GWS	580-27551-1	580-27551-1	-	SW8330	m-nitrotoluene	0.0025	-	-	-	mg/L	JS+
11FWAMW12-GWS	580-27551-1	580-27551-1	-	SW8330	o-nitrotoluene	0.018	-	-	-	mg/L	JS+
11FWAMW12-GWBS	580-27551-2	580-27551-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	362	75	118	mg/L	-
11FWAMW12-GWBS	580-27551-2	580-27551-1	-	SW8330	2,6-Dinitrotoluene	0.0016	-	-	-	mg/L	JS+
11FWAMW12-GWBS	580-27551-2	580-27551-1	-	SW8330	4-Amino-2,6-dinitrotoluene	0.0067	-	-	-	mg/L	JS+
11FWAMW33-GWS	580-27551-4	580-27551-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	494	75	118	mg/L	-
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8330	2,6-Dinitrotoluene	0.0025	-	-	-	mg/L	JS+
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8330	4-Amino-2,6-dinitrotoluene	0.0051	-	-	-	mg/L	JS+
11FWAMW33-GWS	580-27551-4	580-27551-1	-	SW8330	o-nitrotoluene	0.012	-	-	-	mg/L	JS+

Notes:

JS+ = estimated with a possible high bias

JS- = estimated with a possible low bias

mg/L= milligrams per liter

ND = not detected

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-10 Sample Results Qualified due to Surrogate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
11FWAMW06A-GWF	580-29142-14	29142-1	Surrogate	AK102/103	n-Triacontane-d62	-	257	50	150	Percent	-
11FWAMW06A-GWF	580-29142-14	29142-1	-	AK102/103	Diesel-Range Organics	5.2	-	-	-	mg/L	JS+
11FWAMW06A-GWF	580-29142-14	29142-1	-	AK102/103	Residual-Range Organics	0.51	-	-	-	mg/L	JS+
11FWAMW43-GWF	580-29142-15	29142-1	Surrogate	AK102/103	n-Triacontane-d62	-	257	50	150	Percent	-
11FWAMW43-GWF	580-29142-15	29142-1	-	AK102/103	Diesel-Range Organics	0.088	-	-	-	mg/L	J, JS-
11FWAMW43-GWF	580-29142-15	29142-1	-	AK102/103	Residual-Range Organics	0.098	-	-	-	mg/L	J, JS-
11FWAMW06A-GWF	580-29142-14	29142-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	74	75	118	Percent	
11FWAMW06A-GWF	580-29142-14	29142-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWF	580-29142-14	29142-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
11FWAMW06A-GWF	580-29142-14	29142-1	-	SW8330	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
11FWAMW77-GWF	580-29175-18	29175-1	Surrogate	SW8330	1,2-Dinitrobenzene	-	173	75	118	Percent	-
11FWAMW77-GWF	580-29175-18	29175-1	-	SW8330	o-Nitrotoluene	0.0004	-	-	-	mg/L	JS+

Notes:

JS+ = estimated with a possible high bias

JS- = estimated with a possible low bias

mg/L= milligrams per liter

ND = not detected

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-11 MS/MSD Recovery Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11FWA-TAKU-MW62	580-26986-1	580-26986-1	-	SW8260B	2,2-Dichloropropane	ND	-	-	-	mg/L	JM-
Matrix Spike	580-26986-1MS	580-26986-1	MS	SW8260B	2,2-Dichloropropane	-	44	70	135	Percent	-
Matrix Spike Duplicate	580-26986-1MSD	580-26986-1	MSD	SW8260B	2,2-Dichloropropane	-	47	70	135	Percent	-
11FWA-TAKU-MW62	580-26986-1	580-26986-1	-	SW8270C	Benzidine	ND	-	-	-	mg/L	R
Matrix Spike	580-26986-1MS	580-26986-1	MS	SW8270C	Benzidine	-	0	20	150	Percent	-
Matrix Spike Duplicate	580-26986-1MSD	580-26986-1	MSD	SW8270C	Benzidine	-	0	20	150	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	1,2,4-Trichlorobenzene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	1,2,4-Trichlorobenzene	-	29	35	105	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	1,2-Dichlorobenzene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	1,2-Dichlorobenzene	-	31	35	100	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	1,3-Dichlorobenzene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	1,3-Dichlorobenzene	-	27	30	100	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	1,4-Dichlorobenzene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	1,4-Dichlorobenzene	-	29	30	100	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	2-Chloronaphthalene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	2-Chloronaphthalene	-	45	50	105	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	2-Methylnaphthalene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	2-Methylnaphthalene	-	42	45	105	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	3,3'-Dichlorobenzidine	ND	-	-	-	mg/L	R
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
Matrix Spike Duplicate	580-27365-1MSD	580-27365-1	MSD	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	bis-(2-Chloroethoxy)methane	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	bis-(2-Chloroethoxy)methane	-	44	45	105	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	Hexachlorobutadiene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	Hexachlorobutadiene	-	22	25	105	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	Hexachloroethane	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	Hexachloroethane	-	21	30	95	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	Isophorone	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	Isophorone	-	45	50	110	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	Nitrobenzene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	Nitrobenzene	-	43	45	110	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8270C	n-Nitrosodiphenylamine	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8270C	n-Nitrosodiphenylamine	-	49	50	110	Percent	-
Matrix Spike Duplicate	580-27365-1MSD	580-27365-1	MSD	SW8270C	n-Nitrosodiphenylamine	-	39	50	110	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	LL8270C	2-Methylnaphthalene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	LL8270C	2-Methylnaphthalene	-	37	45	105	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	LL8270C	Acenaphthylene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	LL8270C	Acenaphthylene	-	47	50	105	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	LL8270C	Napthalalene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	LL8270C	Napthalalene	-	37	40	100	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	AK102	Diesel-Range Organics	0.052	-	-	-	mg/L	JM-
Matrix Spike Duplicate	580-27365-1MSD	580-27365-1	MSD	AK102	Diesel-Range Organics	-	71	75	125	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JM-

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-11 MS/MSD Recovery Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	-	78	80	115	Percent	-
Matrix Spike Duplicate	580-27365-1MSD	580-27365-1	MSD	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	-	76	80	115	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27365-1MS	580-27365-1	MS	SW8330	p-Nitrotoluene	-	40	50	135	Percent	-
11FWAMW39-GWS	580-27365-1	580-27365-1	-	SW6020	Manganese	0.74	-	-	-	mg/L	JM+
Matrix Spike Duplicate	580-27365-1MSD	580-27365-1	MSD	SW6020	Manganese	-	121	80	120	Percent	-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JM-
Matrix Spike Duplicate	580-27464-4MSD	580-27464-1	MSD	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	-	78	80	115	Percent	-
11FWAMW64-GWS	580-27464-4	580-27464-1	-	SW6020	Manganese	1.1	-	-	-	mg/L	JM+
Matrix Spike Duplicate	580-27464-4MSD	580-27464-1	MSD	SW6020	Manganese	-	127	80	120	Percent	-
11FWAMW12-GWS	580-27574-1	580-27574-1	-	SW8260B	2,2-Dichloropropane	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27574-1MS	580-27574-1	MS	SW8260B	2,2-Dichloropropane	-	68	70	135	Percent	-
Matrix Spike Duplicate	580-27574-1MSD	580-27574-1	MSD	SW8260B	2,2-Dichloropropane	-	62	70	135	Percent	-
11FWAMW77-GWS	580-27574-8	580-27574-1	-	SW8330	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JM
Matrix Spike	580-27574-8MS	580-27574-1	MS	SW8330	1,3,5-Trinitrobenzene	-	570	65	140	Percent	-
Matrix Spike Duplicate	580-27574-8MSD	580-27574-1	MSD	SW8330	1,3,5-Trinitrobenzene	-	64	65	140	Percent	-
11FWAMW77-GWS	580-27574-8	580-27574-1	-	SW8330	Nitrobenzene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27574-8MS	580-27574-1	MS	SW8330	Nitrobenzene	-	41	50	140	Percent	-
Matrix Spike Duplicate	580-27574-8MSD	580-27574-1	MSD	SW8330	Nitrobenzene	-	49	50	140	Percent	-
11FWAMW77-GWS	580-27574-8	580-27574-1	-	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27574-8MS	580-27574-1	MS	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	-	72	80	115	Percent	-
Matrix Spike Duplicate	580-27574-8MSD	580-27574-1	MSD	SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	-	50	80	115	Percent	-
11FWAMW77-GWS	580-27574-8	580-27574-1	-	SW8330	p-Nitrotoluene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-27574-8MS	580-27574-1	MS	SW8330	p-Nitrotoluene	-				Percent	-
Matrix Spike Duplicate	580-27574-8MSD	580-27574-1	MSD	SW8330	p-Nitrotoluene	-	37	50	130	Percent	-

Notes:

JM = estimated value

JM+ = estimated with a possible high bias

JM- = estimated with a possible low bias

mg/L= milligrams per liter

ND = not detected

R = rejected data point

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-12 MS/MSD Recovery Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
11FWAMW39-GWF	29125-1	29125-1	-	SW8270C	3,3'-Dichlorobenzidine	ND	-	-	-	mg/L	R
Matrix Spike	29125-1MS	29125-1	MS	SW8270C	3,3'-Dichlorobenzidine	-	3	20	110	Percent	-
Matrix Spike Duplicate	29125-1MSD	29125-1	MSD	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
11FWAMW39-GWF	29125-1	29125-1	-	SW8270C	N-Nitrisodiphenylamine	ND	-	-	-	mg/L	JM-
Matrix Spike	29125-1MS	29125-1	MS	SW8270C	N-Nitrisodiphenylamine	-	47	50	110	Percent	-
Matrix Spike Duplicate	29125-1MSD	29125-1	MSD	SW8270C	N-Nitrisodiphenylamine	-	49	50	110	Percent	-
11FWAMW39-GWF	29125-1	29125-1	-	AK102	Diesel-Range Organics	0.096	-	-	-	mg/L	JM-
Matrix Spike	29125-1MS	29125-1	MS	AK102	Diesel-Range Organics	-	63	75	125	Percent	-
Matrix Spike Duplicate	29125-1MSD	29125-1	MSD	AK102	Diesel-Range Organics	-	62	75	125	Percent	-
11FWAMW39-GWF	580-29142-1	29142-1	-	SW8260B	Bromoform	ND	-	-	-	mg/L	JM-
Matrix Spike	580-29142-1MS	29142-1	MS	SW8260B	Bromoform	-	62	70	130	Percent	-
Matrix Spike Duplicate	580-29142-1MSD	29142-1	MSD	SW8260B	Bromoform	-	68	70	130	Percent	-
11FWAMW64-GWF	580-29175-16	29175-1	-	SW8260B	Bromoform	ND	-	-	-	mg/L	JM-
Matrix Spike	580-29175-16MS	29175-1	MS	SW8260B	Bromoform	-	64	70	130	Percent	-
Matrix Spike Duplicate	580-29175-16MSD	29175-1	MSD	SW8260B	Bromoform	-	67	70	130	Percent	-
11FWAMW64-GWF	580-29175-16	29175-1	-	SW8260B	Acetone	ND	-	-	-	mg/L	JM-
Matrix Spike	580-29175-16MS	29175-1	MS	SW8260B	Acetone	-	25	40	140	Percent	-
Matrix Spike Duplicate	580-29175-16MSD	29175-1	MSD	SW8260B	Acetone	-	29	40	140	Percent	-
11FWAMW64-GWF	580-29175-16	29175-1	-	SW8270C	Diethyl phthalate	0.000067	-	-	-	mg/L	JM+
Matrix Spike	580-29175-16MS	29175-1	MS	SW8270C	Diethyl phthalate	-	174	40	120	Percent	-
Matrix Spike Duplicate	580-29175-16MSD	29175-1	MSD	SW8270C	Diethyl phthalate	-	169	40	120	Percent	-
11FWAMW64-GWF	580-29175-16	29175-1	-	SW8270C	Di-n-butyl phthalate	0.00011	-	-	-	mg/L	JM+
Matrix Spike	580-29175-16MS	29175-1	MS	SW8270C	Di-n-butyl phthalate	-	157	55	115	Percent	-
Matrix Spike Duplicate	580-29175-16MSD	29175-1	MSD	SW8270C	Di-n-butyl phthalate	-	154	55	115	Percent	-
11FWAMW64-GWF	580-29175-16	29175-1	-	SW8270C	Phenanthrene	0.000011	-	-	-	mg/L	JM+
Matrix Spike	580-29175-16MS	29175-1	MS	SW8270C	Phenanthrene	-	160	50	115	Percent	-
Matrix Spike Duplicate	580-29175-16MSD	29175-1	MSD	SW8270C	Phenanthrene	-	150	50	115	Percent	-
11FWAMW64-GWF	580-29175-16	29175-1	-	SW8270C	3,3'-Dichlorobenzidine	ND	-	-	-	mg/L	R
Matrix Spike	580-29175-16MS	29175-1	MS	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
Matrix Spike Duplicate	580-29175-16MSD	29175-1	MSD	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
11FWAMW64-GWF	580-29175-16	29175-1	-	SW8081	beta-BHC	ND	-	-	-	mg/L	JM-
Matrix Spike	580-29175-16MS	29175-1	MS	SW8081	beta-BHC	-	62	65	125	Percent	-
Matrix Spike Duplicate	580-29175-16MSD	29175-1	MSD	SW8081	beta-BHC	-	60	65	125	Percent	-
11FWAMW64-GWF	580-29175-16	29175-1	-	AK102	Diesel-Range Organics	0.34	-	-	-	mg/L	JM-
Matrix Spike	580-29175-16MS	29175-1	MS	AK102	Diesel-Range Organics	-	69	75	125	Percent	-
11FWAMW69-GWF	581-29181-1	29181-1		SW6020	Cobalt	0.00053	-	-	-	mg/L	JM+
Matrix Spike Duplicate	580-29181-1MSD	29181-1	MSD	SW6020	Cobalt	-	121	80	120	Percent	-
11FWAMW69-GWF	581-29181-1	29181-1		SW6020	Copper	0.0013	-	-	-	mg/L	JM+

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-12 MS/MSD Recovery Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike Duplicate	580-29181-1MSD	29181-1	MSD	SW6020	Copper	-	121	80	120	Percent	-
11FWAMW69-GWF	581-29181-1	29181-1		SW6020	Manganese	0.49	-	-	-	mg/L	JM+
Matrix Spike Duplicate	580-29181-1MSD	29181-1	MSD	SW6020	Manganese	-	121	80	120	Percent	-
11FWAMW85-GWF	580-29203-4	29203-1	-	SW8260B	Bromoform	ND	-	-	-	mg/L	JM-
Matrix Spike	580-29203-4MS	29203-1	MS	SW8260B	Bromoform	-	65	70	130	Percent	-
Matrix Spike Duplicate	580-29203-4MSD	29203-1	MSD	SW8260B	Bromoform	-	66	70	130	Percent	-

Notes:

JM+ = estimated with a possible high bias

JM- = estimated with a possible low bias

mg/L= milligrams per liter

ND = not detected

R = rejected data point

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-13 Initial and Continuing Calibration Verification Recovery Qualifications

Sample ID	Lab Sample ID	SDG	QC Lab Lot	Method	Analyte	Result	DL	LOQ	Units	Qualifier
11FWAMW03-GWF	580-29203-14	580-29203-1	98063	SW8260B	Tetrachloroethene	ND	0.00045	0.001	mg/L	JC-
11FWAMW69-GWF	580-29203-15	580-29203-1	98063	SW8260B	Tetrachloroethene	ND	0.00045	0.001	mg/L	JC-
11FWAMW45-GWF	580-29203-16	580-29203-1	98063	SW8260B	Tetrachloroethene	ND	0.00045	0.001	mg/L	JC-
11FWATB04-GWF	58029203-20	580-29203-1	98063	SW8260B	Tetrachloroethene	ND	0.00045	0.001	mg/L	JC-

Notes:

JC- = estimated with a possible low bias

mg/L = milligrams per liter

ND = non-detect

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-14 Field Duplicate Samples, Detected Results and Associated RPD Values

Method	Analyte	Primary Sample Concentration (mg/L)	Primary Sample LOD (mg/L)	Data Flag	Field Duplicate Concentration (mg/L)	Field Duplicate LOD (mg/L)	Data Flag	RPD	Additional RPD Flag
11FWAMW39-GWS/11FWAMW39-GWBS									
AK102	Diesel-Range Organics (C10-C25)	0.052	0.022	J, JM-	0.056	0.022	J	7.41	
AK103	Residual-Range Organics (C25-C36)	0.1	0.026		0.11	0.027		9.52	
SW6010B	Calcium	64	0.028		61	0.028		4.80	
SW6010B	Iron	7	0.032		6.9	0.032		1.44	
SW6010B	Magnesium	14	0.23		14	0.23		0.00	
SW6010B	Potassium	5.1	0.41		4.9	0.41		4.00	
SW6010B	Sodium	9	0.18		8.7	0.18		3.39	
SW6020	Arsenic	0.0064	0.0038		0.0065	0.0038		1.55	
SW6020	Barium	0.23	0.00027		0.24	0.00027		4.26	
SW6020	Copper	0.0013	0.00055	J	ND	0.00055		81.08	
SW6020	Manganese	0.74	0.00095	JM+	0.76	0.00095		2.67	
SW6020	Zinc	0.0095	0.0034		0.0042	0.0034	J	77.37	
SW8081	4,4'-DDE	ND	0.0000005		0.0000043	0.000003	J	158.33	
SW8081	4,4'-DDT	ND	0.0000005		0.0000088	0.000003	J	178.49	
SW8081	Methoxychlor	ND	0.0000005		0.0000067	0.000003	J	172.22	
SW8260	Methylene chloride	0.00015	0.00015	J, B	ND	0.00045		100.00	
SW8260B	1,2-Dichloroethane	ND	0.00005		0.000026	0.000025	J	63.16	
SW8270	Benzoic acid	0.00068	0.0003	J, B	0.00065	0.00029	J, B	4.51	
SW8270	Di-n-butyl phthalate	0.000074	0.000064	J, B	0.00011	0.000064	J, B	39.13	
11FWAMW64-GWS/11FWAMW64-GWBS									
AK102	Diesel-Range Organics (C10-C25)	0.14	0.021		0.14	0.022		0.00	
AK103	Residual-Range Organics (C25-C36)	0.18	0.026		0.19	0.028		5.41	
SW6010B	Calcium	75	0.028		75	0.028		0.00	
SW6010B	Iron	8.7	0.032		8.8	0.032		1.14	
SW6010B	Magnesium	18	0.23		18	0.23		0.00	
SW6010B	Potassium	5	0.41		4.9	0.41		2.02	
SW6010B	Sodium	6.2	0.18		6	0.18		3.28	
SW6020	Arsenic	0.011	0.0038		0.011	0.0038		0.00	
SW6020	Barium	0.19	0.00027		0.19	0.00027		0.00	
SW6020	Cobalt	0.00097	0.00016	J	0.00096	0.00016	J	1.04	
SW6020	Copper	0.00074	0.00055	J	0.00073	0.00055	J	1.36	
SW6020	Manganese	1.1	0.00095	JM+	1.1	0.00095		0.00	
SW8081	4,4'-DDT	ND	0.0000005		0.000011	0.000003	J, B	182.61	
SW8081	Endosulfan II	0.0000051	0.0000031	J	0.000015	0.000003	J	98.51	

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-14 Field Duplicate Samples, Detected Results and Associated RPD Values

Method	Analyte	Primary Sample Concentration (mg/L)	Primary Sample LOD (mg/L)	Data Flag	Field Duplicate Concentration (mg/L)	Field Duplicate LOD (mg/L)	Data Flag	RPD	Additional RPD Flag
SW8260	cis-1,2-Dichloroethene	0.00081	0.00015	J	0.00083	0.00015	J	2.44	
SW8260	Methylene chloride	0.0003	0.00015	J	ND	0.00045		40.00	
SW8260	trans-1,2-Dichloroethene	0.00045	0.00015	J	0.00034	0.00015	J	27.85	
SW8260	Trichloroethene (TCE)	0.001	0.00015		0.001	0.00015		0.00	
SW8260B	1,1-Dichloroethene	0.0003	0.00003	J	0.00036	0.00003	J	18.18	
SW8260B	1,2-Dichloroethane	0.000045	0.000025	J	0.00005	0.000025	J	10.53	
SW8260B	Trichloroethene (TCE)	0.00098	0.000025		0.0011	0.000025		11.54	
SW8260B	Vinyl chloride	0.00014	0.000013	J	0.00015	0.000013	J	6.90	
SW8270	Benzoic acid	0.00069	0.0003	J, B	0.00075	0.0003	J, B	8.33	
SW8270	Benzyl butyl phthalate	0.00012	0.0001	J	ND	0.0001		18.18	
SW8270	Diethyl phthalate	0.000052	0.000051	J	ND	0.0001		63.16	
SW8270	Di-n-butyl phthalate	0.00014	0.000066	J, B	0.000084	0.000066	J, B	50.00	
11FWAMW85-GWS/11FWAMW85-GWBS									
AK102	Diesel-Range Organics (C10-C25)	0.05	0.022	J	0.066	0.021	J	27.59	
AK103	Residual-Range Organics (C25-C36)	0.096	0.026	J	0.13	0.026		30.09	
11FWAMW12-GWS/11FWAMW12-GWBS									
8270SIM	2-Methylnaphthalene	0.00053	0.000031		0.00046	0.000029		14.14	
8270SIM	Fluoranthene	0.00012	0.000031		0.00013	0.000029		8.00	
8270SIM	Naphthalene	0.00063	0.000037		0.0006	0.000035		4.88	
8270SIM	Pyrene	0.000052	0.000031	J	0.00005	0.000029	J	3.92	
SW6010B	Calcium	76	0.028		76	0.028		0.00	
SW6010B	Iron	17	0.032		17	0.032		0.00	
SW6010B	Magnesium	20	0.23		20	0.23		0.00	
SW6010B	Potassium	5.1	0.41		5	0.41		1.98	
SW6010B	Sodium	5.4	0.18		5.4	0.18		0.00	
SW6020	Arsenic	0.0096	0.0038		0.0095	0.0038		1.05	
SW6020	Barium	0.22	0.00027		0.23	0.00027		4.44	
SW6020	Cobalt	0.0012	0.00016	J	0.0012	0.00016	J	0.00	
SW6020	Copper	0.002	0.00055	J, B	0.0025	0.00055	J, B	22.22	
SW6020	Lead	0.00044	0.00017	J	0.00046	0.00017	J	4.44	
SW6020	Manganese	1.4	0.00095		1.3	0.00095		7.41	
SW8081	alpha-BHC	0.000027	0.0000029		0.000035	0.0000029		25.81	
SW8081	beta-BHC	0.000072	0.0000029		0.000063	0.0000029		13.33	
SW8081	delta-BHC	0.00001	0.0000029		0.00001	0.0000029		0.00	
SW8081	Dieldrin	0.000033	0.0000029		0.000039	0.0000029		16.67	

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-14 Field Duplicate Samples, Detected Results and Associated RPD Values

Method	Analyte	Primary Sample Concentration (mg/L)	Primary Sample LOD (mg/L)	Data Flag	Field Duplicate Concentration (mg/L)	Field Duplicate LOD (mg/L)	Data Flag	RPD	Additional RPD Flag
SW8081	Endosulfan I	ND	0.0000005		0.000042	0.0000029		195.29	
SW8081	**gamma-BHC (Lindane)**	**0.00003**	**0.0000029**		**0.000019**	**0.0000029**		**44.90**	**JD**
SW8081	Methoxychlor	0.000065	0.0000029	J	ND	0.0000005		196.95	
SW8270	bis-(2-Ethylhexyl)phthalate	ND	0.01		0.011	0.0058	J	9.52	
SW8270	Carbazole	0.00082	0.00051	J	ND	0.00098		17.78	
SW8270	Diethyl phthalate	0.0032	0.00051		ND	0.00098		106.22	
SW8330	**2,6-Dinitrotoluene**	**0.00072**	**0.000064**	**JS+**	**0.0016**	**0.000064**	**JS+**	**75.86**	**JD**
SW8330	**4-Amino-2,6-dinitrotoluene**	**0.0016**	**0.000057**	**JS+**	**0.0067**	**0.000057**	**JS+**	**122.89**	**JD**
SW8330	m-Nitrotoluene	0.0025	0.000083	JS+	ND	0.00015		177.36	
SW8330	o-Nitrotoluene	0.018	0.000085	JS+	0.021	0.000085	JS+	15.38	
AK101	Gasoline-Range Organics (C6-C10)	0.046	0.015	J	0.048	0.015	J	4.26	
AK102	Diesel-Range Organics (C10-C25)	9.8	0.11		9.5	0.11		3.11	
AK103	Residual-Range Organics (C25-C36)	1.3	0.026		1.3	0.026		0.00	
SW8260	1,3,5-Trimethylbenzene	0.0003	0.00015	J	0.00026	0.00015	J	14.29	
SW8260	Methylene chloride	ND	0.00045		0.0002	0.00015	J, B	76.92	
SW8260	tert-Butylbenzene	0.00018	0.00015	J	ND	0.00045		85.71	
SW8260B	1,1-Dichloroethene	0.0031	0.00003		0.0031	0.00003		0.00	
SW8260B	1,2-Dichloroethane	0.000071	0.000025	J	0.000077	0.000025	J	8.11	
SW8260B	Vinyl chloride	0.00011	0.000013	J	0.0001	0.000013	J	9.52	
11FWA-TAKU-MW62/11FWA-TAKU-MW62D									
AK102	Diesel-Range Organics (C10-C25)	0.22	0.021		0.23	0.022		4.44	
AK103	Residual-Range Organics (C25-C36)	0.24	0.026	B	0.25	0.026	B	4.08	
SW8260	cis-1,2-Dichloroethene	0.00042	0.00015	J	0.00038	0.00015	J	10.00	
SW8260	Toluene	0.00015	0.00015	J	ND	0.00045		100.00	
SW8260	Trichloroethene (TCE)	0.00072	0.00015	J	0.00076	0.00015	J	5.41	

Notes:

JD = estimated value due to high RPD results

mg/L= milligrams per liter

ND = not detected

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-15 Field Duplicate Samples, Detected Results and Associated RPD Values

Method	Analyte	Primary Sample Concentration (mg/L)	Primary Sample LOD (mg/L)	Data Flag	Field Duplicate Concentration (mg/L)	Field Duplicate LOD (mg/L)	Data Flag	RPD	Additional RPD Flag
11FWAMW39-GWF/11FWAMW39-GWBF									
AK102	Diesel-Range Organics (C10-C25)	0.05	0.096	J, JM-	0.058	0.094	J	14.81	
AK103	Residual-Range Organics (C25-C36)	0.037	0.096	J	0.045	0.094	J	19.51	
SW6010B	Calcium	66	1.1		63	1.1		4.65	
SW6010B	Iron	7.4	0.2		7.1	0.2		4.14	
SW6010B	Magnesium	16	1.1		15	1.1		6.45	
SW6010B	Potassium	5.2	3.3		5.1	3.3		1.94	
SW6010B	Sodium	11	2		10	2		9.52	
SW6020	Arsenic	0.0066	0.005		0.0065	0.005		1.53	
SW6020	Barium	0.24	0.006		0.25	0.006		4.08	
SW6020	Manganese	0.73	0.002		0.78	0.002		6.62	
SW8270	Benzoic acid	0.00082	0.001	J,B	0.00069	0.001	J,B	17.22	
SW8270	Di-n-butyl phthalate	0.00007	0.0002	J, B	0.000087	0.0002	J, B	21.66	
AK101	GRO	0.021	0.05	J	0.025	0.015	J	17.39	
SW8260B	1,2-Dichloroethane	ND	0.00005		0.000027	0.0005	J	59.74	
SW8260B	Tetrachloroethene (PCE)	0.000045	0.0005	J	0.000056	0.0005	J	21.78	
SW8260B	Trichloroethene (TCE)	ND	0.00005		0.000029	0.0005	J	53.16	
11FWAMW12-GWF/11FWAMW12-GWBF									
8270SIM	2-Methylnaphthalene	0.00043	0.000031		0.00053	0.00003		20.83	
8270SIM	Acenaphthene	0.00015	0.000031		0.00014	0.00003		6.90	
8270SIM	Fluoranthene	0.000084	0.000031	J	0.00012	0.00003		35.29	
8270SIM	Fluorene	0.00019	0.000031		0.00024	0.00003		23.26	
8270SIM	**Naphthalene**	**0.00034**	**0.000038**		**0.00063**	**0.000036**		**59.79**	**JD**
8270SIM	Pyrene	0.000044	0.000031	J	0.000056	0.00003	J	24.00	
AK101	Gasoline-Range Organics (C6-C10)	0.076	0.015	B	0.089	0.015	B	15.76	
AK102	Diesel-Range Organics (C10-C25)	12	0.043		13	0.043		8.00	
AK103	Residual-Range Organics (C25-C36)	1.3	0.026		1.3	0.026		0.00	
SW6010B	Aluminum	0.43	0.31	J	ND	0.31		32.43	
SW6010B	Calcium	78	0.028		79	0.028		1.27	
SW6010B	Iron	18	0.032		18	0.032		0.00	
SW6010B	Magnesium	20	0.23		20	0.23		0.00	
SW6010B	Potassium	5.3	0.41		5.5	0.41		3.70	
SW6010B	Sodium	5.4	0.18		5.5	0.18		1.83	

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-15 Field Duplicate Samples, Detected Results and Associated RPD Values

Method	Analyte	Primary Sample Concentration (mg/L)	Primary Sample LOD (mg/L)	Data Flag	Field Duplicate Concentration (mg/L)	Field Duplicate LOD (mg/L)	Data Flag	RPD	Additional RPD Flag
SW6020	Arsenic	0.0095	0.0038		0.01	0.0038		5.13	
SW6020	Barium	0.23	0.00027		0.24	0.00027		4.26	
SW6020	Cobalt	0.00076	0.00016	J	0.00084	0.00016	J	10.00	
SW6020	Copper	0.0026	0.00055	J	0.0037	0.00055	J	34.92	
SW6020	Lead	0.00071	0.00017	J	0.00084	0.00017	J	16.77	
SW6020	Manganese	1.4	0.00095		1.4	0.00095		0.00	
SW6020	Nickel	ND	0.002		0.002	0.002	J	0.00	
SW6020	Vanadium	0.0055	0.0049	J	0.006	0.0049	J	8.70	
SW7470A	**Mercury**	**0.00032**	**0.000041**		**0.0002**	**0.000041**		**46.15**	**JD**
SW8260	2-Butanone	0.0027	0.0015	J	0.002	0.0015	J	29.79	
SW8260	4-Isopropyltoluene	0.00039	0.00015	J	0.00041	0.00015	J	5.00	
SW8260	tert-Butylbenzene	0.00018	0.00015	J	ND	0.00045		85.71	
SW8260B	1,1-Dichloroethene	0.0035	0.00003		0.003	0.00003		15.38	
SW8260B	1,2-Dichloroethane	0.000073	0.000025	J	0.000065	0.000025	J	11.59	
SW8260B	Carbon tetrachloride	0.000035	0.000025	J, B	ND	0.00005		35.29	
SW8260B	Tetrachloroethene (PCE)	0.000035	0.000025	J, B	0.000029	0.000025	J, B	18.75	
SW8260B	Vinyl chloride	0.00019	0.000013	J	0.00023	0.000013		19.05	
SW8270	2-Methylnaphthalene	0.00013	0.0001	J	ND	0.00015		14.29	
SW8270	2-Methylphenol (o-Cresol)	0.00089	0.00052	J	0.00097	0.0005	J	8.60	
SW8330	4-Amino-2,6-dinitrotoluene	0.0093	0.00057		0.0096	0.00057		3.17	
SW8330	Nitrobenzene	0.0061	0.0009		0.0054	0.0009		12.17	
11FWAMW64-GWF/11FWAMW64-GWBF									
AK102	Diesel-Range Organics (C10-C25)	0.34	0.022	J, JM-	0.32	0.022		6.06	
AK103	Residual-Range Organics (C25-C36)	0.2	0.026		0.21	0.027		4.88	
SW6010B	Aluminum	ND	0.31		0.47	0.31	J	41.03	
SW6010B	Calcium	85	0.028		86	0.028		1.17	
SW6010B	Iron	12	0.032		12	0.032		0.00	
SW6010B	Magnesium	20	0.23		20	0.23		0.00	
SW6010B	Potassium	5.5	0.41		5.4	0.41		1.83	
SW6010B	Sodium	5.8	0.18		5.9	0.18		1.71	
SW6020	Arsenic	0.021	0.0038		0.018	0.0038		15.38	
SW6020	Barium	0.24	0.00027		0.24	0.00027		0.00	
SW6020	Cobalt	0.00024	0.00016	J	0.00023	0.00016	J	4.26	
SW6020	Manganese	1.3	0.00095		1.3	0.00095		0.00	

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-15 Field Duplicate Samples, Detected Results and Associated RPD Values

Method	Analyte	Primary Sample Concentration (mg/L)	Primary Sample LOD (mg/L)	Data Flag	Field Duplicate Concentration (mg/L)	Field Duplicate LOD (mg/L)	Data Flag	RPD	Additional RPD Flag
SW6020	Zinc	0.0046	0.0044	J	ND	0.0044		4.44	
SW7470A	**Mercury**	**0.00053**	**0.000041**		**0.00009**	**0.000041**	**J**	**141.94**	**JD**
SW8260	cis-1,2-Dichloroethene	0.00099	0.00015	J, B	0.00088	0.00015	J, B	11.76	
SW8260	trans-1,2-Dichloroethene	0.00051	0.00015	J	0.00041	0.00015	J	21.74	
SW8260	Trichloroethene (TCE)	0.0013	0.00015	B	0.0012	0.00015	B	8.00	
SW8260B	1,1-Dichloroethene	0.00035	0.00003	J	0.00038	0.00003	J	8.22	
SW8260B	1,2-Dichloroethane	0.000064	0.000025	J	0.000072	0.000025	J	11.76	
SW8260B	Trichloroethene (TCE)	0.0012	0.000025	B	0.0011	0.000025	B	8.70	
SW8260B	Vinyl chloride	0.00022	0.000013	B	0.00019	0.000013	J, B	14.63	
SW8270	2,4-Dichlorophenol	0.000052	0.000048	J	ND	0.0001		63.16	
SW8270	Benzoic acid	0.00053	0.00029	J	ND	0.0005		5.83	
SW8270	Benzyl butyl phthalate	ND	0.000095		0.00012	0.0001	J,B	23.26	
SW8270	Diethyl phthalate	0.000067	0.000048	J, JM+, B	0.000053	0.00005	J, B	23.33	
SW8270	Di-n-butyl phthalate	0.00011	0.000062	J, JM+, B	0.000087	0.000065	J,B	23.35	
SW8270	Phenanthrene	0.000011	0.0000095	J, JM+, B	ND	0.000015		30.77	
11FWAMW85-GWF/11FWAMW85-GWBF									
AK102	Diesel-Range Organics (C10-C25)	0.08	0.022	J, JM-	0.056	0.022	J	35.29	
AK103	Residual-Range Organics (C25-C36)	0.063	0.027	J	0.055	0.026	J	13.56	

Notes:

JD = estimated value due to high RPD results

mg/L= milligrams per liter

ND = not detected

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-16 Nondetect Sample Results Where LODs Exceed ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW36-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW37-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW58-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW82-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW83-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW84-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW85-GWBS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW85-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW86-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW87-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW88-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW89-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW90-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB04-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWA-TAKU-MW62	580-26986-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWA-TAKU-MW62D	580-26986-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWA-TAKU-TB01	580-26986-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW81-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW35-GWS	580-27511-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW39-GWBS	580-27365-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW39-GWS	580-27365-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW40-GWS	580-27365-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW78-GWS	580-27365-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW79-GWS	580-27365-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB01-GWS	580-27365-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW08-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW13-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW47-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW48-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW53-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW57-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW69-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW70-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW76-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB02-GWS	580-27395-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW03-GWS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW06A-GWS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-16 Nondetect Sample Results Where LODs Exceed ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW26-GWS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW38-GWS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW43-GWS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW45-GWS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW64-GWBS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW64-GWS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB03-GWS	580-27464-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW12-GWBS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW12-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW32-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW33-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW56-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW61-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW77-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW80-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW92-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW93-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB05-GWS	580-27574-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW36-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW37-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW58-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW82-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW83-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW84-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW85-GWBS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW85-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW86-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW87-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW88-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW89-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW90-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB04-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWA-TAKU-MW62	580-26986-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWA-TAKU-MW62D	580-26986-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWA-TAKU-TB01	580-26986-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW35-GWS	580-27511-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW39-GWBS	580-27365-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-16 Nondetect Sample Results Where LODs Exceed ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW39-GWS	580-27365-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW40-GWS	580-27365-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW78-GWS	580-27365-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW79-GWS	580-27365-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB01-GWS	580-27365-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW08-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW13-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW47-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW48-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW53-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW57-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW69-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW70-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW76-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW81-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB02-GWS	580-27395-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW03-GWS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW06A-GWS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW26-GWS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW38-GWS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW43-GWS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW45-GWS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW64-GWBS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW64-GWS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB03-GWS	580-27464-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW12-GWBS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW12-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW32-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW33-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW56-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW61-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW77-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW80-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW92-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW93-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB05-GWS	580-27574-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWA-TAKU-MW62	580-26986-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.00097	0.0019	10	Matrix

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-16 Nondetect Sample Results Where LODs Exceed ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWA-TAKU-MW62D	580-26986-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.00097	0.0019	10	Matrix
11FWAMW12-GWBS	580-27551-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.00098	0.002	10	Matrix
11FWAMW12-GWS	580-27551-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.001	0.002	10	Matrix
11FWAMW33-GWS	580-27551-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.001	0.002	10	Matrix
11FWA-TAKU-MW62	580-26986-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.0097	0.015	10	Matrix
11FWA-TAKU-MW62D	580-26986-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.0097	0.015	10	Matrix
11FWAMW12-GWS	580-27551-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.01	0.015	10	Matrix
11FWAMW33-GWS	580-27551-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.01	0.015	10	Matrix
11FWA-TAKU-MW62	580-26986-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00029	10	Matrix
11FWA-TAKU-MW62D	580-26986-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00029	10	Matrix
11FWAMW12-GWBS	580-27551-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00029	10	Matrix
11FWAMW12-GWS	580-27551-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00031	10	Matrix
11FWAMW33-GWS	580-27551-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00031	10	Matrix
11FWA-TAKU-MW62	580-26986-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.00097	0.0019	10	Matrix
11FWA-TAKU-MW62D	580-26986-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.00097	0.0019	10	Matrix
11FWAMW12-GWBS	580-27551-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.00098	0.002	10	Matrix
11FWAMW12-GWS	580-27551-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.001	0.002	10	Matrix
11FWAMW33-GWS	580-27551-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.001	0.002	10	Matrix
11FWA-TAKU-MW62	26986-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0097	0.0024	10	Matrix
11FWA-TAKU-MW62D	26986-2	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0097	0.0024	10	Matrix
11FWAMW39-GWS	27365-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00099	0.00025	1	
11FWAMW13-GWS	27365-10	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00099	0.00025	1	
11FWAMW39-GWBS	27365-2	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW40-GWS	27365-3	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW78-GWS	27365-4	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00099	0.00025	1	
11FWAMW79-GWS	27365-5	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00097	0.00024	1	
11FWAMW08-GWS	27365-7	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW47-GWS	27365-8	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW57-GWS	27365-9	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW81-GWS	27395-10	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00026	1	
11FWAMW48-GWS	27395-5	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00099	0.00025	1	
11FWAMW69-GWS	27395-6	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00025	1	
11FWAMW53-GWS	27395-7	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00026	1	
11FWAMW70-GWS	27395-8	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00099	0.00025	1	
11FWAMW76-GWS	27395-9	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW26-GWS	27442-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00025	1	
11FWAMW43-GWS	27442-2	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00026	1	

2011 FCS Groundwater Monitoring Spring Sampling Event
Table B-2-16 Nondetect Sample Results Where LODs Exceed ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW03-GWS	27442-3	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00026	1	
11FWAMW06A-GWS	27442-5	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00099	0.00025	1	
11FWAMW37-GWS	27464-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW64-GWBS	27464-16	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00025	1	
11FWAMW35-GWS	27464-2	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW58-GWS	27464-3	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00097	0.00024	1	
11FWAMW64-GWS	27464-4	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00025	1	
11FWAMW45-GWS	27464-5	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00099	0.00025	1	
11FWAMW38-GWS	27464-6	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00025	1	
11FWAMW36-GWS	27511-14	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.001	0.00025	1	
11FWAMW12-GWS	27551-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.01	0.0026	10	Matrix
11FWAMW12-GWBS	27551-2	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0098	0.0025	10	Matrix
11FWAMW32-GWS	27551-3	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0011	0.00027	1	
11FWAMW33-GWS	27551-4	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.01	0.0026	10	Matrix
11FWAMW80-GWS	27551-5	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00098	0.00025	1	
11FWAMW61-GWS	27551-6	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0011	0.00027	1	
11FWAMW56-GWS	27551-7	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00096	0.00024	1	
11FWAMW77-GWS	27574-8	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0011	0.00027	1	

Notes:

mg/L= milligrams per liter

ND = not detected

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-17 Nondetect Sample Results Where LODs Exceed ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW08-GWF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW12-GWF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW12-GWBF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW39-GWBF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW39-GWF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW40-GWF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW47-GWF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW78-GWF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW79-GWF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB01-GWF	580-29142-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW28-GWF	580-29142-2	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW06A-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW06A-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW13-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW13-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW26-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW26-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW32-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW32-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW33-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW36-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW36-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW37-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW37-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW38-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW38-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW43-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW43-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW48-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW53-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW53-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW56-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW57-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW61-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW62-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW62-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW64-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	

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Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW64-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW64-GWBF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW64-GWBF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW70-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW70-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW76-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW76-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW77-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW77-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW80-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW81-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW81-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB02-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB02-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB03-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB03-GWF	580-29175-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW03-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW35-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW45-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW58-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW69-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW82-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW83-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW84-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW85-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW85-GWBF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW86-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW87-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW88-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW89-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW90-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW91-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW92-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB04-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWATB05-GWF	580-29203-1	SW8260	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
11FWAMW08-GWF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW12-GWF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	

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Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW12-GWBF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW39-GWBF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW39-GWF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW40-GWF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW47-GWF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW78-GWF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW79-GWF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB01-GWF	580-29142-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW28-GWF	580-29142-2	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW06A-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW06A-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW13-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW13-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW26-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW26-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW32-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW32-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW33-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW36-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW36-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW37-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW37-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW38-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW38-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW43-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW43-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW48-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW53-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW53-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW56-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW57-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW61-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW62-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW62-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW64-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW64-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW64-GWBF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	

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Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW64-GWBF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW70-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW70-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW76-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW76-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW77-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW77-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW80-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW81-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW81-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB02-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB02-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB03-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB03-GWF	580-29175-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW03-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW35-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW45-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW58-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW69-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW82-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW83-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW84-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW85-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW85-GWBF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW86-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW87-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW88-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW89-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW90-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW91-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW92-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB04-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWATB05-GWF	580-29203-1	SW8260	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
11FWAMW33-GWF	580-29125-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.001	0.002	10	Matrix
11FWAMW06A-GWF	580-29142-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.00098	0.002	10	Matrix
11FWAMW12-GWF	580-29142-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.001	0.0021	10	Matrix
11FWAMW12-GWBF	580-29142-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.001	0.002	10	Matrix

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Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW62-GWF	580-29175-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.00098	0.002	10	Matrix
11FWAMW77-GWF	580-29175-1	SW8270	bis-(2-Chloroethyl)ether	mg/L	ND	0.00077	0.00098	0.002	10	Matrix
11FWAMW33-GWF	580-29125-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.01	0.015	10	Matrix
11FWAMW06A-GWF	580-29142-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.0098	0.015	10	Matrix
11FWAMW12-GWF	580-29142-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.01	0.016	10	Matrix
11FWAMW12-GWBF	580-29142-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.01	0.015	10	Matrix
11FWAMW62-GWF	580-29175-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.0098	0.015	10	Matrix
11FWAMW77-GWF	580-29175-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.0098	0.015	10	Matrix
11FWAMW33-GWF	580-29125-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00031	10	Matrix
11FWAMW06A-GWF	580-29142-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00029	10	Matrix
11FWAMW12-GWF	580-29142-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00016	0.00031	10	Matrix
11FWAMW12-GWBF	580-29142-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.0003	10	Matrix
11FWAMW62-GWF	580-29175-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00029	10	Matrix
11FWAMW77-GWF	580-29175-1	SW8270	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.00029	10	Matrix
11FWAMW33-GWF	580-29125-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.001	0.002	10	Matrix
11FWAMW06A-GWF	580-29142-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.00098	0.002	10	Matrix
11FWAMW12-GWF	580-29142-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.001	0.0021	10	Matrix
11FWAMW12-GWBF	580-29142-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.001	0.002	10	Matrix
11FWAMW62-GWF	580-29175-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.00098	0.002	10	Matrix
11FWAMW77-GWF	580-29175-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.00098	0.002	10	Matrix
11FWAMW06A-GWF	580-29142-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.0001	0.00015	0.0002	10	Matrix
11FWAMW33-GWF	580-29125-1	SW8330	2,6-Dinitrotoluene	mg/L	ND	0.00125	0.0015	0.002	10	Matrix
11FWAMW12-GWF	580-29142-1	SW8330	2,4-Dinitrotoluene	mg/L	ND	0.00125	0.0015	0.004	10	Matrix
11FWAMW12-GWBF	580-29142-1	SW8330	2,6-Dinitrotoluene	mg/L	ND	0.00125	0.0015	0.002	10	Matrix
11FWAMW62-GWF	580-29175-1	SW8330	2,4-Dinitrotoluene	mg/L	ND	0.00125	0.0015	0.0039	10	Matrix
11FWAMW39-GWF	29125-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW39-GWBF	29125-2	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW56-GWF	29125-3	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW33-GWF	29125-4	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0026	0.01	10	Matrix
11FWAMW28-GWF	29125-5	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00024	0.00096	1	
11FWAMW47-GWF	29125-6	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.00098	1	
11FWAMW78-GWF	29125-7	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00026	0.001	1	
11FWAMW40-GWF	29125-8	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW12-GWBF	29142-10	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0025	0.01	10	Matrix
11FWAMW61-GWF	29142-13	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00026	0.001	1	
11FWAMW06A-GWF	29142-14	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0025	0.0098	10	Matrix
11FWAMW43-GWF	29142-15	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	

2011 FCS Groundwater Monitoring Fall Sampling Event
Table B-2-17 Nondetect Sample Results Where LODs Exceed ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Method	Analyte	Units	Result	ADEC Action Level	LOD	LOQ	Dilution Factor	Reason for Dilution
11FWAMW48-GWF	29142-16	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.00098	1	
11FWAMW57-GWF	29142-17	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.00098	1	
11FWAMW80-GWF	29142-18	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW79-GWF	29142-7	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00024	0.00094	1	
11FWAMW08-GWF	29142-8	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW12-GWF	29142-9	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0026	0.01	10	Matrix
11FWAMW32-GWF	29175-10	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00026	0.001	1	
11FWAMW76-GWF	29175-11	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00024	0.00096	1	
11FWAMW38-GWF	29175-12	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.00098	1	
11FWAMW81-GWF	29175-14	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW64-GWBF	29175-15	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW64-GWF	29175-16	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00024	0.00095	1	
11FWAMW37-GWF	29175-17	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW77-GWF	29175-18	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0025	0.0098	10	Matrix
11FWAMW36-GWF	29175-19	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00026	0.001	1	
11FWAMW62-GWF	29175-7	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0025	0.0098	10	Matrix
11FWAMW69-GWF	29181-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW45-GWF	29181-2	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00026	0.001	1	
11FWAMW26-GWF	29181-3	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00026	0.001	1	
11FWAMW13-GWF	29181-4	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW70-GWF	29181-5	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.00098	1	
11FWAMW53-GWF	29181-6	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.00098	1	
11FWAMW03-GWF	29181-7	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW35-GWF	29203-3	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.001	1	
11FWAMW58-GWF	29203-7	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00024	0.00096	1	
11FWAMW92-GWF	29332-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00024	0.00097	1	
11FWAMW91-GWF	29332-2	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00025	0.00098	1	

Notes:

mg/L= milligrams per liter

ND = not detected

ATTACHMENT B-3

Alaska Department of Conservation

Laboratory Data Review Checklists

Laboratory Data Review Checklist

Completed by: David Summerville

Title: Chemist Date: 11-28-2011

CS Report Name: 2011 Spring Taku Groundwater Report Date: December 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-26986-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ♦NA (Please explain.) Comments:

   All samples were analyzed by TestAmerica Seattle.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

   Cooler "Comes a Time" temp blank = 4.5° C, cooler temp = 5.8° C
   Cooler "Ohio" temp blank = 3.1° C, cooler temp = 5.0° C
   Cooler "Old Man" temp blank = 3.2° C, cooler temp = 4.1° C
   Cooler "Heart of Gold" temp blank = 2.5° C, cooler temp = 4.3° C
   Cooler "Hey Hey, My My" temp blank = 3.8° C, cooler temp = 2.9° C
   Cooler "Harvest Moon" temp blank = 1.7° C, cooler temp = 4.3° C

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

♦Yes ☐ No ☐NA (Please explain.) Comments:

One VOA vial for sample 11FWA-TAKU-MW62D had a bubble greater than ¼".

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

♦Yes ☐ No ☐NA (Please explain.) Comments:

The sample temperature for cooler "Harvest Moon" outside of acceptable range and the VOA vial with headspace were noted on the cooler receipt form.

e. Data quality or usability affected? (Please explain.)

Comments:

The data quality and usability were not affected. The samples were received in good condition and there was no note of frozen sample containers. The VOA vial with headspace was not used for the analysis.

4. Case Narrative

a. Present and understandable?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

SW8270 SVOCs - The CCV for analytical batch 580-89009 recovered above the upper control limit for 3-nitroaniline and 4-nitroaniline.

SW8081A Pesticides - Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); matrix spike recoveries were unavailable for batch 88940. The associated laboratory control sample (LCS) met acceptance criteria. The associated samples were re-prepped out of hold and analyzed with acceptable MS/MSD results. The out of hold results have been set to secondary and reported with the original results. The opening CCV for batch 580-89227 and closing CCV for batch 580-89347 recovered above the upper control limit for toxaphene.

c. Were all corrective actions documented?

♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

The data quality and usability were not affected. CCV recoveries greater than the UCL indicate a high bias and the sample results associated with the failing CCVs were ND.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

♦Yes ☐ No ☐NA (Please explain.) Comments:

All original sample analyses were within holding time. The repreparation and reanalysis of sample 11FWA-TAKU-MW62 was outside of holding time (secondary results).

c. All soils reported on a dry weight basis?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples 11FWA-TAKU-MW62 and 11FWA-TAKU-MW62D had limits of detection (LOD) greater than the ADEC Cleanup Level for the following SW8260 compounds: 1,2,3-Trichloropropane and 1,2-dibromoethane (EDB); and the following SW8270 compounds: bis(2-chloroethyl)ether, bis(2-eEthylhexyl)phthalate, n-Nitrosodimethylamine, and n-Nitrosodi-n-propylamine.

e. Data quality or usability affected?

Comments:

The data quality and usability are not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ♦ Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      Yes ♦ No ☐NA (Please explain.) Comments:

AK103 - RRO was detected in method blank 88708-1 at a concentration above the LOQ.

AK102 - DRO was detected in method blank 88708-1 at a concentration above the DL.

SW8081 - Endosulfan II was detected in method blank 88940-1 at a concentration above the DL.

      iii. If above PQL, what samples are affected?
      Comments:

11FWA-TAKU-MW62 and 11FWA-TAKU-MW62D

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

AK103 - RRO results for 11FWA-TAKU-MW62 and 11FWA-TAKU-MW62D will be flagged "B" due to method blank contamination.

AK102 - DRO results for 11FWA-TAKU-MW62 and 11FWA-TAKU-MW62D will not be flagged because the sample results are greater than 5 times the concentration detected in the method blank.

SW8081 - Endosulfan II results for 11FWA-TAKU-MW62 and 11FWA-TAKU-MW62D will not be flagged because both samples are ND.

      v. Data quality or usability affected? (Please explain.)
      Comments:

The data quality is minimally affected. The RRO results flagged "B" are considered estimated and potentially biased high. The data usability is not affected.

   b. Laboratory Control Sample/Duplicate (LCS/LCSD)

      i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
      Yes ♦ No ☐NA (Please explain.) Comments:

A LCSD was not analyzed for GRO batch 88859.

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

Yes ☐ No ♦NA (Please explain.) Comments:

Metals/Inorganics were not requested.

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

SW8260B - The LCS/LCSD for chloromethane and the LCSD for acetone in extraction batch 88935 do not meet QC criteria (biased high). The 11FWA-TAKU-MW62 MS/MSD recoveries for 2,2-dichloropropane do not meet QC criteria (biased low). The 11FWA-TAKU-MW62 MS/MSD recoveries for chloromethane do not meet QC criteria (biased high). SW8270 - The LCS/LCSD for hexachlorocyclopentadiene and the LCSD for benzidine in extraction batch 88709 do not meet QC criteria (biased low). The LCS for 2-chlorophenol, carbazole, dibenzofuran and the LCSD for 4-nitroaniline do not meet QC criteria (biased high). The 11FWA-TAKU-MW62 MS recoveries for carbazole and di-n-butyl phthalate do not meet QC criteria (biased high). The 11FWA-TAKU-MW62 MS/MSD recoveries for benzidine do not meet QC criteria (biased low).

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

SW8260B - The LCS/LCSD RPD for batch 88935 for acetone does not meet QC criteria (>30%). SW8270 - 11FWA-TAKU-MW62 MS/MSD RPD for 1,4-dichlorobenzene and 1,2-dichlorobenzene do not meet QC criteria (>30%).

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

11FWA-TAKU-MW62, 11FWA-TAKU-MW62D

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

SW8260B - The acetone and chloromethane results associated with high LCS and/or LCSD (and MS/MSD for chloromethane) recoveries will not be flagged. A high bias is indicated and the samples are ND for the associated analytes. The 2,2-dichloropropane results will be flagged JM- due to low MS/MSD recoveries. SW8270 - The benzidene results for samples 11FWA-TAKU-MW62 have been flagged R indicating the results have been rejected due to LCS/LCSD/MS/MSD recoveries less than 10%. The hexachlorocyclopentadiene results have been flagged JL- due to low LCS/LCSD recoveries. The 2-chlorophenol, carbazole, dibenzofuran, 4-nitroaniline, and di-n-butyl phthalate results associated with

high LCS/D and/or high MS/D recoveries will not be flagged. A high bias is indicated and the samples are ND for the associated analytes.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

The data quality is minimally affected. Samples results flagged JM- or JL- are considered estimated and biased low. The data usability for these results has not been affected. The benzidene result for sample 11FWA-TAKU-MW62 has been rejected and are not presented in the analytical data tables.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ♦NA (Please explain.) Comments:

No data flags were required.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

The data quality and usability were not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All trip blank results were less than the LOD.

iv. If above PQL, what samples are affected?
Comments:

N/A

v. Data quality or usability affected? (Please explain.)
Comments:

The data quality and usability were not affected.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Submitted blind to lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The field duplicate was indicated with a "D" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐ No ☐NA (Please explain.) Comments:

Out of 189 sample/duplicate pair results, 188 results had RPDs less than 30%. In cases were one result was detected and the other was ND, the LOD was used in place of the ND result. The sample/duplicate 11FWA-TAKU-MW62 /11FWA-TAKU-MW62D results for toluene had a RPD of 100%. One result was ND (LOD was used in RPD calculation), and the other result was equal to the DL at 0.00015 mg/L which is significantly lower that the ADEC cleanup level of 1.0 mg/L.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)
Comments:

The data quality and usability were not affected.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: January 2012

CS Report Name: 2011 Spring Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-27365-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Sky Terrier" temp blank = 3.2° C, cooler temp = 3.5° C
Cooler "Aussie" temp blank = 1.1° C, cooler temp = 1.6° C
Cooler "Labrador" temp blank = 3.5° C, cooler temp = 4.5° C
Cooler "Boston Terrier" temp blank = 1.5° C, cooler temp = 2.5° C
Cooler "German Shepherd" temp blank = 3.0° C, cooler temp = 3.6° C
Cooler "Siberian Husky" temp blank = 2.3° C, cooler temp = 2.7° C
Cooler "Akita" temp blank = 3.1° C, cooler temp = 3.5° C

Cooler “Mastiff” temp blank = 1.8° C, cooler temp = 3.1° C
Cooler “Irish Setter” temp blank = 2.4° C, cooler temp = 1.5° C
Cooler “Weimaraner” temp blank = 2.5° C, cooler temp = 2.9° C
Cooler “Lhasa Apso” temp blank = 1.4° C, cooler temp = 4.6° C
Cooler “Afghan” temp blank = 0.9° C, cooler temp = 1.5° C
Cooler “Keenhound” temp blank = 1.9° C, cooler temp = 3.4° C
Cooler “Chow Chow” temp blank = 3.9° C, cooler temp = 3.6° C
Cooler “Jack Russell Terrier” temp blank = 2.1° C, cooler temp = 3.0° C
Cooler “Beagle” temp blank = 1.0° C, cooler temp = 1.8° C
Cooler “Basenji” temp blank = 2.6° C, cooler temp = 2.9° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for several coolers were outside of acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)
Comments:

The data quality and usability were not affected. The samples were received in good condition and there was no note of frozen sample containers.

4. Case Narrative
a. Present and understandable?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

The COC for sample 11FWAMW39-GWS listed eight 1L HCl ambers, but only six were received. An additional six unpreserved amber containers were received.

The COC for sample 11FWAMW57-GWS listed eight 1L HCl ambers, but only six were received.

The container for the trip blank sample lists "Trip Blank" on the label while the COC lists 11FWATB01-GWS. Sample logged in per COC.

The following samples had headspace in the VOC vials: 11FWAMW39-GWS (three vials, labeled S, CA and CC) and 11FWATB01-GWS (two vials, labeled as A & B).

c. Were all corrective actions documented?

♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

The data usability was not affected. Sample vials with headspace were not analyzed.

5. <u>Samples Results</u>

a. Correct analyses performed/reported as requested on COC?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☐Yes ♦ No ☐NA (Please explain.) Comments:

The GRO samples 11FWAMW39-GWBS, 11FWAMW-39-GWS, 11FWAMW40-GWS, 11FWAMW78-GWS, 11FWAMW79-GWS and 11FWATB01-GWS were analyzed past their recommended hold time, but within twice the recommended hold time. The GRO results for these samples have been qualified as estimated ("JH") due to the exceedance.

All samples analyzed for explosives were analyzed past the recommended hold time, but within twice the recommended hold time. The explosive sample results have been qualified as estimated ("JH") due to the hold time exceedance.

c. All soils reported on a dry weight basis?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following VOC analytes: 1,2,3-trichloropropane and 1,2-dibromoethane; and the SVOC analyte n-Nitrosodimethylamine.

e. Data quality or usability affected?

Comments:

The data usability is not affected.

The results from samples analyzed past their hold times ("JH") may be biased low.

The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. <u>QC Samples</u>

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

☐Yes ♦ No ☐NA (Please explain.) Comments:

SVOC:
MB 580-90349 – Benzoic acid detected at 0.000503 J mg/L (above the LOD), di-n-butylphthalate detected at 0.000113 J mg/L (above the LOD), and butylbenzyl phthalate detected at 0.000111 J mg/L (above the LOD).

LL SVOC:
MB 580-90349 – Naphthalene detected at 0.00000375 J mg/L (above the DL).

Explosives:
MB 280-77333 – 2-amino-4,6-dinitrotoluene detected at 0.0000698 J mg/L (above the DL).
MB 280-77567 – 2,4,6-trinitroluene detected at 0.00303 mg/L (above LOQ) and RDX detected at 0.000216 mg/L (above the LOQ).

Metals – Calcium 0.0000379 J mg/L (above the DL) was detected in the method blank.

iii. If above PQL, what samples are affected?

Comments:

Analytes not detected in samples associated with blanks above the LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOCs: The detected results for benzoic acid in all samples in the SDG, the detected results for di-n-butylphthalate in all samples except 11FWAMW40-GWS and 11FWAMW79-GWS, and the detected result for butylbenzyl phthalate in sample 11FWAMW13-GWS were qualified with a "B" due to the associated method blank contamination.

v. Data quality or usability affected? (Please explain.)
Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS/LCSD:

MS/MSD:

SVOC: Batch 580-90349, sample 11FWAMW39-GWS: The MS recoveries for 1,3-dichlorobenzene (27%, 30 – 100%), 1,4-dichlorobenzene (29%, 30 – 100%), 1,2-dichlorobenzene (31%, 35 – 100%), hexachloroethane (21%, 30 – 100%), nitrobenzene (43%, 45 – 110%), isophorone (45%, 50 – 110%), bis(2-chloroethoxy)methane (44%, 45 – 105%), 1,2,4-trichlorobenzene (29%, 35 – 105%), hexachlorobutadiene (22%, 25 – 105%), 2-methylnaphthalene (42%, 45 – 105%), 2-chloronaphthalene (45%, 50 – 105%) and the MS/MSD recoveries for N-nitrosodiphenyl amine (49%/39%, 50 – 110%) for 3,3'-dichlorobenzidine (0%/0%, 20 – 110%) were less than their respective LCLs.

LL SVOC: Batch-90349, sample 11FWAMW39-GWS: The MS recoveries for naphthalene (37%, 40 – 100%), 2-methylnaphthalene (38%, 45 – 105%) and acenaphthylene (47%, 50 – 105%) were less than their respective LCLs.

RRO/DRO: Batch 580-90487, sample 11FWAMW39-GWS: The MSD recovery for DRO compounds (71%, 75 – 125%) was less than the LCL.

Explosives: Batch 580-78004, sample 11FWAMW39-GWS: The MS and or MSD recoveries for 4-nitrotoluene (40% (MS), 50 – 130%) and HMX (78%/76%, 80 – 115%) are less than their respective LCLs.

Metals: sample 11FWAMW39-GWS: The MSD recovery for manganese (121%, 80 – 120%) was greater than its UCL. The post-spike digestion was above (123%, 80 – 120%) the UCL as well.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

LCS/LCSD:
Herbicides Batch 580-90343: The LCS/LCSD result for dicamba (33%) was greater than the control limit of 30%.

MS/MSD:
SVOC: Batch 580-90349, sample 11FWAMW39-GWS: The MS/MSD RPD for values for phenol (32%), bis(2-chloroethyl)ether (31%), 2-chlorophenol (35%), 1,3-dichlorobenzene (40%), 1,4-dichlorobenzene (39%), 1,2-dichlorobenzene (35%), 2-methylphenol (31%), hexachloroethane (38%), nitrobenzene (40%), 2-nitrophenol (41%), bis(2-chloroethoxy)methane (33%), 1,2,4-trichlorobenzene (37%), naphthalene (35%), 4-chloroaniline (38%), hexachlorobutadiene (31%), 2-methylnaphthalene (36%), bis(chloroisopropyl)ether (33%) and N-nitrosodimethylamine (39%) were greater than the control limit of 30%.

Explosives: Batch 580-78004, sample 11FWAMW39-GWS: The RPD values for 3-nitrotoluene (42%) and 4-nitrotoluene (60%) are greater than the control limit of 30%

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes □ No □NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:

MS/MSD:
SVOC: Batch 580-90349, sample 11FWAMW39-GWS: The results for 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, hexachloroethane, nitrobenzene, isophorone, bis(2-chloroethoxy)methane, 1,2,4-trichlorobenzene, hexachlorobutadien, 2-methylnaphthalene, 2-chloronaphthalene and N-nitrosodiphenylamine were qualified as estimated with a possible low bias ("JM-") due to the low MS or MS/MSD recoveries. The result for 3,3'-dichlorobenzidine was qualified as rejected ("R") due to the 0% MS/MSD recoveries.

LL SVOC: Batch-90349, sample 11FWAMW39-GWS: The results for naphthalene, 2-methylnaphthalene and acenaphthylene were qualified as estimated with a possible low bias ("JM-") due to the low MS recoveries.

RRO/DRO: Batch 580-90487, sample 11FWAMW39-GWS: The results for DRO compounds were qualified as estimated with a possible low bias ("JM-") due to the low MSD recovery.

Explosives: Batch 580-78004, sample 11FWAMW39-GWS: The results for the explosive compounds 4-nitrotoluene and HMX were qualified as estimated with a possible low bias ("JM-") due to the low MS and/or MSD recoveries.

Metals: Sample 11FWAMW39-GWS: The result for managanese was qualified as estimated with a possible high bias ("JM+") due to the high MSD and post-digestion spike recovery.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

Except for rejected results, the data usability is not affected. Rejected results ("R") are not usable for decision making purposes. Results qualified as "JM-" may be biased low and. Results qualified as "JM+" may be biased slightly high.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

VOC: The surrogate recovery for trifluorotoluene (212%, 80 – 120%) in sample 11FWAMW40-GWS was greater than the UCL.

LLVOC: The surrogate recovery for trifluorotoluene (122%, 80 – 120%) in sample 11FWAMW40-GWS was greater than the UCL.

Explosives: The surrogate recovery for 1,2-dinitrobenzene in samples 11FWAMW39-GWS (72%, 75 – 118%), 11FWAMW79-GWS (74%, 75 – 118%), 11FWAMW47-GWS (74%, 75 – 118%) and 11FWAMW57-GWS (70%, 75 – 118%) are less than the LCL.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
♦Yes ☐ No ☐NA (Please explain.) Comments:

VOC: Compounds associated with TFT in sample 11FWAMW40-GWS were not detected in the sample; qualifications were not required.

LLVOC: The detected results for 1,2-dichloroethane, trichloroethene and vinyl chloride in sample 11FWAMW40-GWS were qualified as estimated with a possible high bias ("JS+") due to the high surrogate recovery.

Explosives: The explosives results in samples 11FWAMW39-GWS, 11FWAMW79-GWS, 11FWAMW47-GWS and 11FWAMW57-GWS were qualified as estimated with a possible low bias ("JS-") due to the low surrogate recoveries.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

The data usability was not affected. Results qualified as "JS+" may be biased slightly high, and results qualified as "JS-" may be biased slightly low.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☐Yes ♦ No ☐NA (Please explain.) Comments:

VOC: Methylene chloride was detected in the TB sample 11FWATB01-GWS at 0.026 mg/L (greater than the LOQ).

iv. If above PQL, what samples are affected?

Comments:

The detected result for methylene chloride in sample 11FWAMW39-GWS was qualified with a "B" due to the concentration in the associated TB sample.

v. Data quality or usability affected? (Please explain.)

Comments:

Data usability unaffected. Results qualified with a "B" may be false positives or biased high.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

One FD pair was submitted with this SDG, 11FWAMW39-GWS/11FWAMW39-GWBS.

ii. Submitted blind to lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The field duplicate was indicated with a "B" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ♦ No ☐NA (Please explain.) Comments:

Out of 229 sample/duplicate pair results, 222 results had RPDs less than 30%. In cases where one result was detected and the other was non-detect, the LOD was used in place of the non-detect result. The sample/duplicate results for the SVOC compound di-n-butyl phthalate had a RPD of 39.1%. Both results were estimated (0.000074 J mg/L and 0.00011 J mg/L) and are significantly lower than the ADEC limit of 3.7 mg/L. The sample/duplicate result for the LL VOC compound 1,2-dichloroethane had a RPD of 69.1%. One result was estimated, 0.000026 J mg/L and the other was non-detect (LOD used instead). The detected result is much less than the ADEC limit of 0.005 mg/L. The sample/duplicate result for the VOC compound methylene chloride had a RPD of 100%. One result was estimated, 0.00015 J mg/L and the other was non-detect (LOD used instead). The detected result is much less than the ADEC limit of 0.005 mg/L. The sample/duplicate result for the pesticide compound 4,4'-DDE had a RPD of 158%. One result was estimated, 4.3E-06 J mg/L and the other was non-detect (LOD used instead). The detected result is much less than the ADEC limit of 0.0025 mg/L. The sample/duplicate result for the pesticide compound methoxychlor had a RPD of 172%. One result was estimated, 6.7E-06 J mg/L and the other was non-detect (LOD used instead). The detected result is much less than the ADEC limit of 0.04 mg/L. The sample/duplicate result for the pesticide compound 4,4'-DDT had a RPD of 178%. One result was estimated, 8.8E-06 J mg/L and the other was non-detect (LOD used instead). The detected result is much less than the ADEC limit of 0.0025 mg/L. The sample/duplicate result for the copper had a RPD of 81.1%. One result was estimated, 0.0013 J mg/L and the other was non-detect (LOD used instead). The detected result is much less than the ADEC limit of 1 mg/L. The sample/duplicate result for zinc had a RPD of 77.4%. One result was estimated, 0.0042 J mg/L and the other was above the LOQ, 0.0095 mg/L. Both results are much less than the ADEC limit of 5 mg/L. Additional qualification of the data was not required.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: January 2012

CS Report Name: 2011 Spring Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-27395-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

Cooler "Great Dane" temp blank = 2.4° C, cooler temp = 2.0° C
Cooler "Schnauzer" temp blank = 5.8° C, cooler temp = 5.4° C
Cooler "Greyhound" temp blank = 3.8° C, cooler temp = 3.8° C
Cooler "Irish Wolfhound" temp blank = 3.1° C, cooler temp = 4.5° C
Cooler "Norwegian Elkhound" temp blank = 5.3° C, cooler temp not taken
Cooler "Cocker Spaniel" temp blank = 4.3° C, cooler temp not taken
Cooler "Saint Bernard" temp blank = 5.0° C, cooler temp = 5.6° C

Cooler "Vizula" temp blank = 5.6° C, cooler temp = 5.3° C
Cooler "Whippet" temp blank = 4.6° C, cooler temp = 3.1° C
Cooler "Yorkshire Terrier" temp blank = 4.0° C, cooler temp = 5.8° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All labels for samples 11FWAMW12-GWS, 11FWAMW12-GWBS and 11FWAMW56-GWS lack sample times. All labels except the VOA vials and nitric poly containers for samples 11FWAMW32-GWS and 11FWAMW33-GWS lack sample times. All labels except the nitric poly container for sample 11FWAMW80-GWS lack sample times. Samples were logged in per the COC.

The nitric poly and VOC vials sample times list 09:15, and the COC lists 09:10. Samples were logged in per the COC.

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
♦Yes ☐ No ☐NA (Please explain.) Comments:

e. Data quality or usability affected? (Please explain.)
Comments:

The data quality and usability were not affected.

4. Case Narrative
a. Present and understandable?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?

♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

The data usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

♦Yes ☐ No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following VOC analytes: 1,2,3-Trichloropropane and 1,2-dibromoethane (EDB) and the SVOC analyte n-Nitrosodimethylamine.

e. Data quality or usability affected?

Comments:

The data usability is not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

♦Yes ☐ No ☐NA (Please explain.) Comments:

All results less than the LOQ.

SVOC:
MB 580-90755 – Benzoic acid detected at 0.000474 J mg/L (above the DL) Di-n-butylphthalate detected at 0.0000929 J mg/L (above the DL).

GRO MB 580-91036 – GRO compounds were detected at 0.0212 J mg/L (above the DL)

Metals – Calcium 0.0379 J mg/L (above the DL) was detected in the method blank.

iii. If above PQL, what samples are affected?

Comments:

Blank results not above LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOC: The detected results for benzoic acid and di-n-butylphthalate in all samples in batch 580-90755 were qualified with a "B" due to the associated method blank contamination.

GRO: The detected results for GRO in samples 11FWAMW13-GWS, 11FWAMW47-GWS, 11FWAMW48-GWS, 11FWAMW53-GWS and 11FWATB02-GWS were qualified with a "B" due to the associated method blank contamination.

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

LCS:

SVOC Batch 580-90758: The LCS recoveries for 4-chloroaniline (5%, 30 – 100%), N-nitrosodiphenylamine (34%, 50 – 110%) and 3,3'-dichlorobenzidine (7%, 20 – 110%) were was less than their respective LCLs.

Explosives Batch 280-77018: The LCS/LCSD recoveries for 2-nitrotoluene (39%/36%, 45 – 135%), 3-nitrotoluene (38%/44%, 50 – 130%) and 4-nitrotoluene (40%/41%, 50 – 130%) were less than their respective LCLs.

MS/MSD:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

LCS/LCSD:

MS/MSD:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes □ No □NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:
SVOC Batch 580-90758: The non-detect results for 4-chloroaniline and 3,3'-dichlorobenzidine for all samples in the batch were qualified as rejected ("R") due to LCS recoveries of less than 10%. The results for N-nitrosodiphenylamine for all samples in the batch were qualified as estimated with a possible low bias ("JL-") due to the low LCS recovery.

Explosives Batch 280-77018: The results for 2-nitrotoluene, 3-nitrotoluene and 4-nitrotoluene in samples 11FWAMW53-GWS, 11FWAMW69-GWS and 11FWAMW70-GWS were qualified as estimated with a possible low bias ("JL-") due to the low LCS/LCSD recoveries.

MS/MSD:

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

Except for rejected results, the data usability is not affected. Rejected results ("R") are not usable for decision making purposes. Results qualified as "JL-" may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

Explosives: The recovery for 1,2-dinitrobenzene in sample 11FWAMW53-GWS (51%, 75 – 118%) was less than the LCL.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The explosive results in sample 11FWAMW53-GWS were qualified as estimated with a possible low bias ("JS-") due to the low surrogate recoveries.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

The data usability was not affected. Results qualified with a "JS-" may be biased slightly low.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
♦Yes □ No □NA (Please explain.) Comments:

All results less than the LOQ. GRO: GRO compounds were detected in the TB sample 11FWATB02-GWS at 0.021 J mg/L (greater than the DL).

iv. If above PQL, what samples are affected?
Comments:

Results less than LOQ. GRO: The detected results for GRO in samples 11FWAMW13-GWS, 11FWAMW47-GWS, 11FWAMW48-GWS and 11FWAMW53-GWS were qualified with a "B" due to the associated trip blank contamination.

v. Data quality or usability affected? (Please explain.)
Comments:

Data usability is not affected. Results qualified with a "B" may be false positives or biased high.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
□Yes ♦ No □NA (Please explain.) Comments:

ii. Submitted blind to lab?
□Yes □ No ♦NA (Please explain.) Comments:

Field duplicate samples not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

□Yes □ No ♦NA (Please explain.) Comments:

Field duplicate samples not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: January 2012

CS Report Name: 2011 Spring Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-27442-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Burnese Mountain Dog" temp blank = 6.0° C, cooler temp = 6.5° C
Cooler "Poodle" temp blank = 5.7° C, cooler temp = 5.9° C
Cooler "Newfoundland" temp blank = 5.6° C, cooler temp = 6.6° C
Cooler "Old English Sheep Dog" temp blank = 5.7° C, cooler temp = 7.0° C
Cooler "Portuguese Water Dog" temp blank = 6.7° C, cooler temp = 3.0° C
Cooler "Rotweiler" temp blank = 5.0° C, cooler temp = 5.0° C
Cooler "Schipperke" temp blank = 5.6° C, cooler temp = 5.6° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperature blank for the cooler "Portuguese Water Dog" was above 6° C. The SVOC, SVOC LL, DRO/RRO, Mercury, explosives and DRO/RRO results for sample 11FWAMW26-GWS were qualified as estimated with a possible low bias ("JTE") due the non-compliant temperature

The temperatures for other several coolers were outside of acceptable range, but less than 6° C.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)
   Comments:

With the exception of sample 11FWAMW26-GWS, the samples were received in good condition and there was no note of frozen sample containers. The SVOC, SVOC LL, DRO/RRO, Mercury, explosives and DRO/RRO results for sample 11FWAMW26-GWS may be biased low due to the temperature exceedance.

4. <u>Case Narrative</u>
   a. Present and understandable?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Discrepancies, errors or QC failures identified by the lab?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

Samples 11FWAMW26-GWS and 11FWAMW43-GWS had a sample date of 7/14 listed on the labels, and 7/13 listed on the COC. Samples logged in per the COC.

Samples 11FWAMW03-GWS, 11FWAMW03-GWBS and 11FWAMW06A-GWS did not have sample times on the containers; samples logged in per the COC.

Sample 11FWAMW03-GWBS arrived in three amber containers, not two as indicated on the COC.

c. Were all corrective actions documented?
♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

The data usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All original sample analyses were within holding time.

c. All soils reported on a dry weight basis?
☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the SVOC analyte n-Nitrosodimethylamine.

e. Data quality or usability affected?
Comments:

The data usability is not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ♦ Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All results less than the LOQ.

SVOC:
MB 580-90755 – Benzoic acid detected at 0.000474 J mg/L (above the DL) and di-n-butylphthalate detected at 0.0000929 J mg/L (above the DL).

Pesticides MB 580-90759 – 4,4'-DDT detected at 0.00000899 J mg/L (above the LOD)

Metals – Barium 0.000679 J mg/L and copper 0.000829 J mg/L (all above the DL) were detected in the method blank.

      iii. If above PQL, what samples are affected?
      Comments:

Blank results not above LOQ.

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOCs: The detected results for benzoic acid in samples 11FWAMW03-GWS, 11FWAMW26-GWS and 11FWAMW43-GWS and the detected results for di-n-butylphthalate in samples 11FWAMW03-GWS, 11FWAMW26-GWS and 11FWAMW43-GWS were qualified with a "B" due to the associated method blank contamination.

      v. Data quality or usability affected? (Please explain.)
      Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

   b. Laboratory Control Sample/Duplicate (LCS/LCSD)

      i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
      ♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS:
SVOC Batch 580-90758: The LCS recoveries for 4-chloroaniline (5%, 30 – 100%), N-nitrosodiphenylamine (34%, 50 – 110%) and 3,3'-dichlorobenzidine (7%, 20 – 110%) were was less than their respective LCLs.

MS/MSD:
Metals sample 11FWAMW26-GWS: The MS recovery for calcium (127%, 80 -120%) and the MSD recovery for thallium (124%, 80 – 120%) were greater than the respective UCLs. The calcium concentration in the sample was greater than four times the MS concentration.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

♦Yes ☐ No ☐NA (Please explain.) Comments:

LCS/LCSD:
MS/MSD:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:
SVOC Batch 580-90758: The non-detect results for 4-chloroaniline and 3,3'-dichlorobenzidine for all samples in the batch were qualified as rejected ("R") due to LCS recoveries of less than 10%. The results for N-nitrosodiphenylamine for all samples in the batch were qualified as estimated with a possible low bias ("JL-") due to the low LCS recovery.

MS/MSD:

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

Except for rejected results, the data usability is not affected. Rejected results ("R") are not usable for decision making purposes. Results qualified as "JL-" may be biased low and rejected results ("R") are not usable.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

SVOC: 11FWAMW06A-GWS: Surrogate recovery for 2-fluorobiphenyl (49%, 50 – 110%) less than the LCL. LL SVOC: 11FWAMW06A: Surrogate recovery for terphenyl-d14 (31%, 50 – 135%) in the undiluted sample analysis was less than the LCL. Explosives: The surrogate recoveries for 1,2-dinitrobenzene in sample 11FWAMW06A-GWS (59%) on the secondary column was less than the LCL (75 – 118%).

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOC: Qualifications not required if only one surrogate recovery is out of QC compliance. LLSVOC: The results for sample 11FWAMW06A-GWS in the undiluted sample analysis were qualified as estimated with a possible low bias ("JS-") due to the low surrogate recoveries.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

The data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

□Yes □ No ♦NA (Please explain.) Comments:

Volatile samples results not reported with this SDG.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

□Yes □ No ♦NA (Please explain.) Comments:

Volatile samples results not reported with this SDG.

iii. All results less than PQL?

□Yes □ No ♦NA (Please explain.) Comments:

Volatile samples results not reported with this SDG.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

Volatile samples results not reported with this SDG.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

♦Yes □ No □NA (Please explain.) Comments:

One FD pair was submitted with this SDG, 11FWAMW03-GWS/11FWAMW03-GWBS.

ii. Submitted blind to lab?

♦Yes □ No □NA (Please explain.) Comments:

The field duplicate was indicated with a “B” and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

$$\text{RPD (\%)} = \text{Absolute value of: } \frac{(R_1 - R_2)}{((R_1 + R_2)/2)} \times 100$$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

□Yes ♦ No □NA (Please explain.) Comments:

All seven sample/duplicate pair results had RPDs less than 30%.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: January 2012

CS Report Name: 2011 Spring Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-27464-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Great Pyrenees" temp blank = 5.6° C, cooler temp = 4.0° C
Cooler "Pembroke Welsh Corgi" temp blank = 4.3° C, cooler temp = 1.4° C
Cooler "Silky Terrier" temp blank = 3.8° C, cooler temp = 4.0° C
Cooler "Golden Retriever" temp blank = 1.6° C, cooler temp = 2.0° C
Cooler "Shiba Inu" temp blank = 3.9° C, cooler temp = 3.6° C
Cooler "Shetland Sheepdog" temp blank = 3.5° C, cooler temp = 3.3° C
Cooler "Shih Tzu" temp blank = 3.1° C, cooler temp = 4.7° C

Cooler “Doberman Pinscher” temp blank = 4.0° C, cooler temp = 2.8° C
Cooler “Dachshund” temp blank = 2.6° C, cooler temp = 3.1° C
Cooler “Suluki” temp blank = 3.3° C, cooler temp = 2.3° C
Cooler “Scottish Terrier” temp blank = 1.0° C, cooler temp = 2.1° C
Cooler “Australian Terrier” temp blank = 2.1° C, cooler temp = 1.9° C
Cooler “Norfolk Terrier” temp blank = 1.2° C, cooler temp = 2.0° C
Cooler “West Highland Terrier” temp blank = 3.3° C, cooler temp = 2.7° C
Cooler “Cairn Terrier” temp blank = 0.7° C, cooler temp = 1.9° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for several coolers were outside of acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)
Comments:

The data quality and usability were not affected. The samples were received in good condition and there was no note of frozen sample containers.

4. <u>Case Narrative</u>
a. Present and understandable?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?

♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

The data usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

♦Yes ☐ No ☐NA (Please explain.) Comments:

All original sample analyses were within holding time.

c. All soils reported on a dry weight basis?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following VOC analytes: 1,2,3-trichloropropane and 1,2-dibromoethane; and for the SVOC analyte n-Nitrosodimethylamine.

e. Data quality or usability affected?

Comments:

The data usability is not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All results less than the LOQ.

LL VOC:
MB 580-91429 – Tetrachloroethene (PCE) detected at 0.0000260 J mg/L (above the DL).

SVOC:
MB 580-90755 – Benzoic acid detected at 0.000474 J mg/L (above the DL) and di-n-butylphthalate detected at 0.0000929 J mg/L (above the DL).

GRO MB 580-91036 – GRO compounds were detected at 0.0212 J mg/L (above the DL)

Pesticides MB 580-90759 – 4,4'-DDT detected at 0.00000899 J mg/L (above the LOD)

Metals – Iron 0.0726 J mg/L, potassium 0.808 J mg/L, sodium 0.409 J mg/L and Barium 0.000534 J mg/L (all above the DL) were detected in the method blank.

iii. If above PQL, what samples are affected?
Comments:

Blank results not above LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOCs: The detected results for benzoic acid in samples 11FWAMW35-GWS, 11FWAMW38-GWS, 11FWAMW64-GWS and 11FWAMW64-GWBS and the detected results for di-n-butylphthalate in samples 11FWAMW35-GWS, 11FWAMW37-GWS, 11FWAMW38-GWS, 11FWAMW64-GWS and 11FWAMW64-GWBS were qualified with a "B" due to the associated method blank contamination.

GRO: The detected results for GRO in all samples were qualified with a "B" due to the associated method blank contamination.

Pesticides: The detected results for 4,4'-DDT in samples 11FWAMW37-GWS and 11FWAMW64-GWBS were qualified with a "B" due to the associated method blank contamination.

Metals: The detected results for iron in samples 11FWAMW35-GWS and 11FWAMW37-GWS were qualified with a "B" due to the associated method blank contamination.

v. Data quality or usability affected? (Please explain.)
Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS:
VOC Batch 580-90812: The LCS/LCSD recoveries for acetone (143%/167%, 40 – 140%) were greater than the UCL.

SVOC Batch 580-90758: The LCS recoveries for 4-chloroaniline (5%, 30 – 100%), N-nitrosodiphenylamine (34%, 50 – 110%) and 3,3'-dichlorobenzidine (7%, 20 – 110%) were was less than their respective LCLs.

MS/MSD:
SVOC Batch 580-90758, sample 11FWAMW64-GWS: The MS/MSD recoveries for 3,3'-dichlorobenzidine (0%0%, 20 – 110%) and the MSD recovery for 4-chloroaniline (10%, 20 – 110%) were less than their respective LCLs (0% recovery).
The MS recovery for bis(2-ethylhexyl)phthalate (134%, 40 – 125%) and the MSD recovery for benzoic acid (128%, 0 – 125%) were greater than their respective UCLs.

Explosives Batch 280-77567, sample 11FWAMW64-GWS: The MS recovery for HMX (78%, QSM 80 – 115%) was less than the LCL.

Metals, sample 11FWAMW64-GWS: The MSD recovery for manganese (127%, 80 – 120%) was greater than its UCL. The post-digestion spike for manganese was also recovered about the UCL (129%, 80 – 120%)

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS/LCSD:
VOC Batch 580-90812: The RPD for acetone (51%) was greater than the control limit of 30%.

MS/MSD:

SVOC Batch 580-90758, sample 11FWAMW64-GWS: The RPDs for 4-chloroaniline (65%) and bis(2-ethylhexyl)phthalate (37%) were greater than the control limit of 30%.

v. If %R or RPD is outside of acceptable limits, what samples are affected?
Comments:

See section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
♦Yes ☐ No ☐NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:
SVOC Batch 580-90758: The non-detect results for 4-chloroaniline and 3,3'-dichlorobenzidine for all samples in the batch were qualified as rejected ("R") due to LCS recoveries of less than 10%.
The results for N-nitrosodiphenylamine for all samples in the batch were qualified as estimated with a possible low bias ("JL-") due to the low LCS recovery.

MS/MSD:
SVOC: The result for 3,3'-dichlorobenzidine in sample 11FWAMW64-GWS was rejected ("R") due to the 0% MS/MSD recovery. The result had been previously rejected due to a low LCS recovery.
The result for 4-chloroaniline in sample 11FWAMW64-GWS would have qualified as estimated with a possible low bias ("JM-") due to the low MSD recovery (and high RPD value); however, the results for 4-chloroaniline had been previously qualified as rejected ("R") due to low LCS recoveries and the LCS qualification will be retained.

Explosives: The non-detect result for HMX in sample 11FWAMW64-GWS was qualified as estimated with a possible low bias ("JM-") due to the low MS recovery.

Metals: Sample 11FWAMW64-GWS: The result for manganese was qualified as estimated with a possible high bias ("JM+") due to the high MSD and post-digestion spike recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

Except for rejected results, the data usability is not affected. Rejected results ("R") are not usable for decision making purposes. Results qualified as "JL-" or "JM-" may be biased low and. Results qualified as "JM+" may be biased slightly high.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

SVOC:
11FWAMW58-GWS: Surrogate recovery for 2-fluorobiphenyl (40%, 50 – 110%) less than the LCL.
11FWAMW45-GWS: Surrogate recovery for 2-fluorobiphenyl (33%, 50 – 110%) less than the LCL.

LL SVOC:
11FWAMW58-GWS: Surrogate recovery for terphenyl-d14 (47%, 50 – 135%) in the undiluted sample analyses less than the LCL.
11FWAMW45-GWS: Surrogate recovery for terphenyl-d14 (29%, 50 – 135%) in the undiluted sample analyses less than the LCL.

Explosives: The surrogate recoveries for 1,2-dinitrobenzene in all samples except the primary column analysis of samples 11FWAMW37-GWS and 11FWAMW58-GWS were less than the LCL (75 – 118%).

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOC: Qualifications not required if only one surrogate recovery is out of QC compliance.

LLSVOC: The results for samples 11FWAMW58-GWS and 11FWAMW45-GWS in the undiluted sample analyses were qualified as estimated with a possible low bias ("JS-") due to the low surrogate recoveries.

Explosives: The results in all samples except 11FWAMW37-GWS and 11FWAMW58-GWS were qualified as estimated with a possible low bias ("JS-") due to the low surrogate recoveries.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

The data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Results less than PQL.

GRO: GRO compounds were detected in TB sample 11FWATB03-GWS at 0.015 J mg/L (right at the DL)

iv. If above PQL, what samples are affected?

Comments:

Results not above PQL.

The detected GRO results in samples 11FWAMW03-GWS, 11FWAMW06A-GWS, 11FWAMW26-GWS, 11FWAMW38-GWS and 11FWAMW-45GWS were qualified with a "B" due to the concentration in the associated TB sample.

v. Data quality or usability affected? (Please explain.)

Comments:

Data usability not affected. Results qualified with a "B" may be false positives or biased high.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

One FD pair was submitted with this SDG, 11FWAMW64-GWS/11FWAMW64-GWBS.

ii. Submitted blind to lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

The field duplicate was indicated with a "B" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

$$\text{RPD (\%)} = \text{Absolute value of: } \frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

□Yes ♦ No □NA (Please explain.) Comments:

When one result is ND and the other has a detected, the RPD value is calculated using the LOD value for the ND result.

225 of the 229 sample/duplicate pair results had RPDs less than 30%. The RPDs for 4,4'-DDT and diethyl phthalate (183% and 63.2%, respectively) were calculated where one result was ND and the other was estimated (below the LOQ). Detected results were well below their ADEC limits; additional qualifications of the data was not needed. The RPD values for endosulfan II and di-n-butylphthalate were calculated from values that were less than the LOQ and well below their respective ADEC limits; additional qualifications were not needed.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

□Yes ♦ No □NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

□Yes □ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes □ No □NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: January 2012

CS Report Name: 2011 Spring Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-27511-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Airedale Terrier" temp blank = 2.3° C, cooler temp = 0.7° C
Cooler "Wirehaired Pointing Griffin" temp blank = 3.2° C, cooler temp = 1.0° C
Cooler "Kuvasv" temp blank = 2.7° C, cooler temp = 3.0° C
Cooler "Pug" temp blank = 3.7° C, cooler temp = 3.7° C
Cooler "Maltese" temp blank = 1.7° C, cooler temp = 2.2° C
Cooler "Chihuahua" temp blank = 2.1° C, cooler temp = 3.6° C
Cooler "Dalmation" temp blank = 2.4° C, cooler temp = 1.9° C

Cooler "Tibetan Mastiff" temp blank = 3.9° C, cooler temp = 4.7° C
Cooler "Otterhound" temp blank = 1.7° C, cooler temp = 0.6° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for several coolers were outside of acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)
Comments:

The data quality and usability were not affected. The samples were received in good condition and there was no note of frozen sample containers.

4. Case Narrative
a. Present and understandable?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

The data usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

♦Yes ☐ No ☐NA (Please explain.) Comments:

All original sample analyses were within holding time.

c. All soils reported on a dry weight basis?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level in all samples for the following VOC compounds: 1,2,3-trichloropropane and 1,2-dibromoethane and for SVOC compound n-Nitrosodimethylamine.

e. Data quality or usability affected?

Comments:

The data usability is not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

♦Yes ☐ No ☐NA (Please explain.) Comments:

All results less than the LOQ. SVOC: MB 580-91158 – Di-n-butylphthalate detected at 0.000109 J mg/L (above the LOD). Metals – Barium 0.000634 J mg/L and copper 0.000559 J mg/L (above the DL) were detected in the method blank.

iii. If above PQL, what samples are affected?

Comments:

Blank results not above LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOCs: The result for di-n-butylphthalate in sample 11FWAMW36-GWS was qualified with a "B" due to the associated method blank contamination.

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS:

SVOC Batch 580-91158: The LCS recovery for 2,4-dimethylphenol (8%, 30 – 100%) was less than the LCL.

The LCS/LCSD recoveries for di-n-butylphthalate (120%/122%, 55 – 115%) and N-nitrosodimethylamine (135%/122%, 25 – 110%); the LCS recovery for butylbenzyl phthalate (117%, 45 – 115%) and the LCSD recovery for 2-chlorophenol (110%, 35 – 105%) were greater than their respective UCLs.

MS/MSD:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

LCS/LCSD: SVOC Batch 580-91158: The RPD for 2,4-dimethylphenol (130%) was greater than the control limit of 30%. Pesticides Batch 580-91159: The RPD for Endosulfan I (42%) was greater than the control limit of 30%. MS/MSD:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes □ No □NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below. LCS/LCSD: SVOC Batch 580-91158: The non-detect result for 2,4-dimethylphenol in sample 11FWAMW36-GWS was qualified was qualified as estimated with a possible low bias (“JL-”) due to the LCS recovery of less than 10% and an acceptable LCS recovery (40%). The result for di-n-butyl phthalate in sample 11FWAMW36-GWS was qualified as estimated with a possible high bias (“JL+”) due to the elevated LCS recovery. MS/MSD:

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

Data usability is not affected. Results qualified as “JL-” may be biased low and results qualified as “JL+” may be biased slightly high.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

♦Yes □ No □NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☐Yes ☐ No ♦NA (Please explain.) Comments:

Surrogate recoveries within limits; qualifications not necessary.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

The data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

Compounds not detected in trip blank samples; data quality and usability unaffected.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
□Yes ♦ No □NA (Please explain.) Comments:

One FD pair was submitted with this SDG, 11FWAMW85-GWS/11FWAMW85-GWBS.

ii. Submitted blind to lab?
♦Yes □ No □NA (Please explain.) Comments:

The field duplicate was indicated with a "B" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

□Yes ♦ No □NA (Please explain.) Comments:

Out of 93 sample/duplicate pair results, 92 results had RPDs less than 30%. The sample/duplicate results for RRO compounds had a RPD of 30.1%. One result was estimated 0.096 J mg/L (result slightly less than LOQ of 0.098 mg/L) and the other result was 0.13 mg/L, both of which are significantly lower than the ADEC limits of 1.1 mg/L. Additional qualification of the data was not required.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

□Yes ♦ No □NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

□Yes □ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: January 2012

CS Report Name: 2011 Spring Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-27551-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Affenspinscher" temp blank = 1.1° C, cooler temp = 1.1° C
Cooler "Glen of Imaal" temp blank = 0.9° C, cooler temp = 2.6° C
Cooler "Papillion" temp blank = 0.3° C, cooler temp = 3.7° C
Cooler "Dandie Dinmont" temp blank = 1.4° C, cooler temp = 1.0° C
Cooler "Norwich Terrier" temp blank = 1.5° C, cooler temp = 2.3° C
Cooler "Blue Heeler" temp blank = 1.6° C, cooler temp = 2.1° C
Cooler "Wheaton Terrier" temp blank = 2.5° C, cooler temp = 1.9° C

Cooler "Pit Bull Terrier" temp blank = 2.1° C, cooler temp = 2.6° C
Cooler "Norfolk Terrier" temp blank = 0.9° C, cooler temp = 1.7° C
Cooler "Irish Terrier" temp blank = 2.1° C, cooler temp = 2.7° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All labels for samples 11FWAMW12-GWS, 11FWAMW12-GWBS and 11FWAMW56-GWS lack sample times. All labels except the VOA vials and nitric poly containers for samples 11FWAMW32-GWS and 11FWAMW33-GWS lack sample times. All labels except the nitric poly container for sample 11FWAMW80-GWS lack sample times. Samples were logged in per the COC.

The nitric poly and VOC vials sample times list 09:15, and the COC lists 09:10. Samples were logged in per the COC.

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for several coolers were less than the acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples coolers showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)
Comments:

The data quality and usability were not affected. The samples were received in good condition and there was no note of frozen sample containers.

4. Case Narrative
a. Present and understandable?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist.

c. Were all corrective actions documented?
♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

The data usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All original sample analyses were within holding time.

c. All soils reported on a dry weight basis?
☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level in all samples for the following VOC compounds: 1,2,3-trichloropropane and 1,2-dibromoethane and for SVOC compound n-Nitrosodimethylamine. Addtionally, the following SVOC compounds had LODs greater than the ADEC level in samples 11FWAMW12-GWS, 11FWAMW12-GWBS and 11FWAMW33-GWS because the samples were analyzed at 1:10 dilutions: bis(2-chloroethyl)ether, bis(2-ethylhexylphthalate), dibenzo(a,h)anthracene and n-nitrosodi-n-propylamine.

e. Data quality or usability affected?
Comments:

The data usability is not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

♦Yes ☐ No ☐NA (Please explain.) Comments:

All results less than the LOQ.

SVOC:
MB 580-91158 – Di-n-butylphthalate detected at 0.000109 J mg/L (above the LOD).

DRO/RRO:
MB 580-91594 – RRO compounds detected at 0.0270 J mg/L (above the DL).

Metals – Barium 0.000634 J mg/L and copper 0.000559 J mg/L (above the DL) were detected in the method blank.

iii. If above PQL, what samples are affected?

Comments:

Blank results not above LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOC: The results for di-n-butylphthalate in samples 11FWAMW32-GWS, 11FWAMW56-GWS, 11FWAMW61-GWS and 11FWAMW80-GWS were qualified with a "B" due to the associated method blank contamination.

Metals: The result for copper in sample 11FWAMW12-GWS, 11FWAMW12-GWBS, 11FWAMW32-GWS, 11FWAMW33-GWS and 11FWAMW80-GWS were qualified with a "B" due to associated method blank contamination.

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS:

SVOC Batch 580-91158: The LCS recovery for 2,4-dimethylphenol (8%, 30 – 100%) was less than the LCL.

The LCS/LCSD recoveries for di-n-butylphthalate (120%/122%, 55 – 115%) and N-nitrosodimethylamine (135%/122%, 25 – 110%); the LCS recovery for butylbenzyl phthalate (117%, 45 – 115%) and the LCSD recovery for 2-chlorophenol (110%, 35 – 105%) were greater than their respective UCLs.

DRO Batch 580-91594: The LCSD recovery for DRO compounds (72.4%, 75 – 125%) was less than the LCL.

MS/MSD:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS/LCSD:

SVOC Batch 580-91158: The RPD for 2,4-dimethylphenol (130%) was greater than the control limit of 30%.

MS/MSD:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:

SVOC Batch 580-91158: The non-detect result for 2,4-dimethylphenol in all samples were qualified as estimated with a possible low bias ("JL-") due to the LCS recovery of less than 10% and an acceptable LCSD recovery (40%).

The detected results for Di-n-butylphthalate in samples 11FWAMW32-GWS, 11FWAMW36-GWS, 11FWAMW56-GWS, 11FWAMW61-GWS and 11FWAMW80-GWS and the detected results for benzylbutyl phthalate in samples 11FWAMW56-GWS and 11FWAMW61-GWS were qualified as estimated with a possible high bias ("JL+") due to the high LCS/LCSD recoveries.

DRO batch 580-91594: DRO results were qualified as estimated with a possible low bias ("JL-") due to the low LCSD recovery.

MS/MSD:

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

The data usability is not affected. Results qualified as "JL-" may be biased low and. Results qualified as "JL+" may be biased slightly high.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

Herbicides: The result for the surrogate 2,4-dichlorophenylacetic acid in sample 11FWAMW33-GWS (27%, 40 – 135%) was less than its LCL.

Pesticides: The recoveries for the surrogate TCMX on the second column in samples 11FWAMW12-GWS (247%, 25 – 140%) and 11FWAMW12-GWBS (231%, 25 – 140%) were greater than the UCL. Recoveries were acceptable on the second column.

Explosives: The recoveries for 1,2-dinitrobenzene on both columns in samples 11FWAMW12-GWS (352%/1220%, 75 – 118%), 11FWAMW12-GWBS (362%/935%, 75 – 118%) and 11FWAMW33-GMS (494%/328%, 75 – 118%) were greater than the UCL.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The herbicide results in sample 11FWAMW33-GWS were qualified as estimated with a possible low bias ("JS-") due to the low surrogate recovery.

The detected results for 2,6-dinitrotoluene, 4-amino-2,6,-dinitrotoluene, m-nitrotoluene and o-nitrotoluene in samples 11FWAMW12-GWS, 11FWAMW12-GWBS and 11FWAMW33-GWS were qualified as estimated with a possible high bias ("JS+") due to the elevated surrogate recoveries.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

The data usability was not affected. Results qualified with a "JS-" may be biased low, and results qualified with a "JS+" may be biased slightly high.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☐Yes ☐ No ♦NA (Please explain.) Comments:

Volatile analyses not reported with this SDG.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
☐Yes ☐ No ♦NA (Please explain.) Comments:

Volatile analyses not reported with this SDG.

iii. All results less than PQL?
☐Yes ☐ No ♦NA (Please explain.) Comments:

Volatile analyses not reported with this SDG.

iv. If above PQL, what samples are affected?
Comments:

Volatile analyses not reported with this SDG.

v. Data quality or usability affected? (Please explain.)
Comments:

Volatile analyses not reported with this SDG.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

One FD pair was submitted with this SDG, 11FWAMW12-GWS/11FWAMW12-GWBS.

ii. Submitted blind to lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The field duplicate was indicated with a "B" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

□Yes ♦ No □NA (Please explain.) Comments:

Out of 152 sample/duplicate pair results, 145 results had RPDs less than 30%. In cases were one result was detected and the other was ND, the LOD was used in place of the ND result. The sample/duplicate results for the pesticide lindane had a RPD of 44.9%. Both results were above the LOQ (0.00003 mg/L/0.000019 mg/L). Both results were significantly less than the ADEC cleanup level of 0.002 mg/L. The sample/duplicate results for the explosive compound 2,6-dinitrotoluene had an RPD of 75.9%. Both results were above the LOQ (0.00072 mg/L/0.0016 mg/L). One result was above the ADEC cleanup level of 0.0013 mg/L. The sample/duplicate results for the explosive compound 4-amino-2,6-dinitrotoluene had an RPD of 75.9%. Both results were above the LOQ (0.0016 mg/L/0.0067 mg/L). Both results were below the ADEC cleanup level of 0.0073 mg/L. The results for these analytes in both the samples and the duplicate were qualified as estimated ("JD") due to the high RPD values.

The sample/duplicate results for the SVOC compound diethylphthalate had a RPD of 106%. One result was ND (LOD was used in RPD calculation), and the other result was 0.032 mg/L (greater than the LOQ) which is significantly lower that the ADEC cleanup level of 29 mg/L. The sample/duplicate results for explosive compound 3-nitrotoluene had a RPD of 177%. One result was ND (LOD was used in RPD calculation), and the other result was 0.0025 mg/L (greater than the LOQ), which is less than the ADEC cleanup level of 0.73 mg/L. The sample/duplicate results for pesticide compound endosulfan I had a RPD of 195%. One result was ND (LOD was used in RPD calculation), and the other result was 0.000042 mg/L (greater than the LOQ). The sample/duplicate results for pesticide compound methoxychlor had a RPD of 197%. One result was ND (LOD was used in RPD calculation), and the other result was 0.000065 J mg/L (less than the LOQ), significantly less than the ADEC cleanup level of 0.4 mg/L. Additional qualification of the data was not required.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

□Yes ♦ No □NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

□Yes □ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: January 2012

CS Report Name: 2011 Spring Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-27574-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

      b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Komondor" temp blank = 1.0° C, cooler temp = 0.5° C
Cooler "American Eskimo Dog" temp blank = 1.2° C, cooler temp = 2.7° C
Cooler "Shar Pei" temp blank = 2.6° C, cooler temp = 6.0° C
Cooler "French Bulldog" temp blank = 3.9° C, cooler temp = 4.7° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

♦Yes ☐ No ☐NA (Please explain.) Comments:

The amber bottles did not have sample times on the container for samples 11FWAMW12-GWS and 11FWAMW-12GWSB. The VOC vials for sample 11FWAMW61-GWS and 11FWAMW56-GWS did not have sample times on the container. These samples were logged in per the COC.

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperature for cooler "Harvest Moon" was outside of acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples in the coolers "Komondor" and "American Eskimo Dog" showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)

Comments:

The data quality and usability were not affected. The samples were received in good condition and there was no note of frozen sample containers.

4. <u>Case Narrative</u>

a. Present and understandable?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

SW8081A Pesticides – The CCV for alpha-chlordane was recovered lower than the LCL on both columns during the initial analysis; the samples were reanalyzed with passing CCVs for this analyte.

c. Were all corrective actions documented?
♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

The data usability was not affected.

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All original sample analyses were within holding time.

c. All soils reported on a dry weight basis?
☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following VOC analytes: 1,2,3-trichloropropane and 1,2-dibromoethane along with the SVOC analyte n-Nitrosodimethylamine.

e. Data quality or usability affected?
Comments:

The data usability is not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples
a. Method Blank
i. One method blank reported per matrix, analysis and 20 samples?
♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All results less than the LOQ.

VOC:
MB-580-91877 – Ethylbenzene detected at 0.000199 J mg/L and m,p-xylene detected at 0.000399 J mg/L (both above the DL, but less than their respective LODs and LOQs)
LL VOC:
MB-580-91429 – Tetrachloroethene (PCE) detected at 0.0000280 J mg/L (above the DL, but less than the LOD).

SVOC:
MB 580-91158 – Di-n-butylphthalate detected at 0.000109 J mg/L (above the LOD).

Metals – Barium 0.000634 J mg/L and copper 0.000559 J mg/L (above the DL) were detected in the method blank.

iii. If above PQL, what samples are affected?

Comments:

Blank results not above LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

LL VOC: The low level PCE results in samples 11FWAMW56-GWS and 11FWAMW61-GWS were qualified with a "B" due to associated method blank contamination.

Metals: The result for copper in sample 11FWAMW77-GWS was qualified with a "B" due to associated method blank contamination.

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

LCS:
SVOC Batch 580-91158: The LCS recovery for 2,4-dimethylphenol (8%, 30 – 100%) was less than the LCL.
The LCS/LCSD recoveries for di-n-butylphthalate (120%/122%, 55 – 115%) and N-nitrosodimethylamine (135%/122%, 25 – 110%); the LCS recovery for butylbenzyl phthalate (117%, 45 – 115%) and the LCSD recovery for 2-chlorophenol (110%, 35 – 105%) were greater than their respective UCLs.

MS/MSD:
VOC – Batch 580-91925, sample 11FWAMW-12GWS – The MS/MSD recoveries for 2,2-dichloropropane (68%,/62% 70 – 135%) were less than the LCL.

Explosives – Batch 280-78603, sample 11FWAMW-77GWS – Several results fail the laboratories QC limits; however only the following results were outside of the DoD QSM criteria: The MS/MSD recoveries for nitrobenzene (41%/49%, 50 – 140%) and HMX (72%/50%, 80-115%), and the MSD recovery for 4-nitroluene (37%, 50 – 130%) were less than their respective LCLs.
The MS recovery for 1,3,5-trinitrobenzene (570%, 65 – 140%) was greater than its UCL, and the MSD recovery for 1,3,5-trinitrobenzene (64%, 65 - 140%) was less than its LCL.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

LCS/LCSD:
SVOC Batch 580-91158: The RPD for 2,4-dimethylphenol (130%) was greater than the control limit of 30%.

MS/MSD:
Explosives Batch 280-78603, sample 11FWAMW-77GWS: The MS/MSD RPD for 1,3,5-trinitrobenzene (160%) and HMX (37%) exceed the control limit of 30%.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See Section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes □ No □NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:
SVOC Batch 580-91158: The non-detect result for 2,4-dimethylphenol in sample 11FWAMW77-GWS was qualified was qualified as rejected ("R") due to the LCS recovery of less than 10%.

MS/MSD:
VOC – Batch 580-91925, sample 11FWAMW-12GWS – The non-detect result for 2,2-dichloropropane was qualified as estimated with a possible low bias ("JM-") due to the low LCS/LCSD recoveries.
Explosives – Batch 280-78603, sample 11FWAMW-77GWS – The non-detect results for nitrobenzene, HMX and 4-nitroluene were qualified as estimated with a possible low bias ("JM-") due low MS and/or MSD recoveries.
The non-detect result for 1,3,5-trinitrobenzene was qualified as estimated ("JM") due to the high MS recovery and low MSD recovery.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

Except for rejected results, the data usability is not affected. Rejected results ("R") are not usable for decision making purposes. Results qualified as either "JL-" or "JM-" may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

DRO: The results for the surrogate o-terphenyl in samples 11FWAMW12-GWS (0%, 50 – 150%) and 11FWAMW12-GWBS (252%, 50 – 150%) were outside of compliance.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ♦ No ☐NA (Please explain.) Comments:

Due to the concentration of DRO compounds in the samples, the samples were analyzed at a dilution and the surrogate recoveries could not be accurately quantitated. No data flags were required.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

The data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☐Yes ♦ No ☐NA (Please explain.) Comments:

VOC:
11FWA-TB05-GWS: Methylene chloride, 0.180 mg/L (greater than the LOQ), 2-butanone 0.0042 J mg/L (greater than the DL, but less than the LOD) were detected in the sample.

iv. If above PQL, what samples are affected?

Comments:

The results for methylene chloride in samples 11FWAMW12-GWBS, 11FWAMW32GWS and 11FWAMW80-GWS and the results for 2-butanone in sample 11FWAMW33-GWS were qualified with a "B" due to associated trip blank contamination.

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability is not affected; results qualified with a "B" may be false positives or biased high.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

One FD pair was submitted with this SDG, 11FWAMW12-GWS/11FWAMW12-GWBS.

ii. Submitted blind to lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

The field duplicate was indicated with a "B" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ♦ No ☐NA (Please explain.) Comments:

Out of 77 sample/duplicate pair results, 75 results had RPDs less than 30%. In cases were one result was detected and the other was ND, the LOD was used in place of the ND result. The sample/duplicate results for methylene choride had a RPD of 76.9%. One result was ND (LOD was used in RPD calculation), and the other result was equal to the DL at 0.0002 J mg/L (less than the LOQ) which is significantly lower that the ADEC cleanup level of 0.005 mg/L. The sample/duplicate results for tert-butyl benzene had a RPD of 85.7%. One result was ND (LOD was used in RPD calculation), and the other result was equal to the DL at 0.00018 J mg/L (less than the LOQ) which is significantly lower that the ADEC cleanup level of 0.37 mg/L. Additional qualification of the data was not required.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: February 2012

CS Report Name: 2011 Fall Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-29125-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Drew" temp blank = 3.4° C, cooler temp = 3.1° C
Cooler "Jeanette" temp blank = 3.8° C, cooler temp = 3.2° C
Cooler "EK" temp blank = 3.8° C, cooler temp = 4.9° C
Cooler "Todd" temp blank = 3.7° C, cooler temp = 2.5° C
Cooler "Katie" temp blank = 4.4° C, cooler temp = 4.7° C
Cooler "Elizabeth" temp blank = 4.0° C, cooler temp = 3.3° C
Cooler "Jennifer" temp blank = 3.0° C, cooler temp = 3.2° C

Cooler “Mary” temp blank = 3.0° C, cooler temp = 4.7° C
Cooler “Duke” temp blank = 3.6° C, cooler temp = 2.7° C
Cooler “Derek” No temperature blank, cooler temp = 0.4° C
Cooler “Angela” temp blank = 5.4° C, cooler temp = 4.4° C
Cooler “Penny” temp blank = 4.7° C, cooler temp = 4.0° C
Cooler “Kenton” temp blank = 4.9° C, cooler temp = 4.3° C
Cooler “Phyllys” No temperature blank, cooler temp = 5.8° C
Cooler “Stephen” temp blank = 2.1° C, cooler temp = 2.0° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for the cooler “Derek” was outside of acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

One unpreserved amber bottle for sample 11FWAMW78-GWF was received broken.

Eight 1L amber bottles for sample 11FWAMW39-GWF were received in the cooler “Duke’; however the COC indicated that samples in the cooler should be sample 11FWAMW28-GWF. The sample containers for 11FWAMW28-GWF were received in the cooler “Derek”, as was indicated on COC 11FWATAKU115. The samples were logged in as 11FWAMW39-GWF.

e. Data quality or usability affected? (Please explain.)
   Comments:

The data quality and usability were not affected. There was no note of frozen sample containers.

4. Case Narrative
   a. Present and understandable?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

Pesticide CCV for batch 580-99515: Methoxychlor recoveries were greater than the UCL. Methoxychlor was not detected in the associated sample; qualifications were not required.

c. Were all corrective actions documented?
♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

The data usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?
♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
♦Yes ☐ No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?
☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following SVOC analyte: n-Nitrosodimethylamine. Additionally the non-detect results for the nitroaromatic explosive compounds 2,4-dinitrotoluene and 2,6-dinitrotoluene and the SVOC compounds bis(2-chloroethyl)ether, bis(2-ethylhexyl)phthalate, dibenzo(a,h)anthracene in sample 11FWAMW33-GWF had LODs greater than their respective ADEC limits because the sample was analyzed at a 1:10 dilution.

e. Data quality or usability affected?

Comments:

The data usability is not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

♦Yes ☐ No ☐NA (Please explain.) Comments:

All method blank results less than the PQL (LOQ). SVOC: MB 580-97196 – Benzoic acid detected at 0.000506 J mg/L (above the LOD) and di-n-butylphthalate detected at 0.0000921 J mg/L (above the DL).

iii. If above PQL, what samples are affected?

Comments:

Analytes not detected in samples associated with blanks above the LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOCs: The detected results for benzoic acid and di-n-butylphthalate in all samples except for 11FWAMW33-GWF were qualified with a “B” due to the associated method blank contamination.

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability is not affected. Results qualified with a “B” may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS/LCSD:
SVOC: Batch 580-97196: The LCS recovery for 2,4-dimethylphenol (111%, 30 – 110%) was greater than the UCL.

MS/MSD:

SVOC: Batch 580-97196, sample 11FWAMW39-GWF: The MS/MSD recoveries for 3,3'-dichlorobenzidine (3%/0%, 20 – 110%) and N-nitrosodiphenyl amine (47%/49%, 50 – 110%) were less than their respective LCLs.

Pesticide: Batch 580-97253, sample 11FWAMW39-GWF the MS recoveries for methoxychlor (134%/146%, 55 – 150%) were greater than the UCL.

RRO/DRO: Batch 580-90487, sample 11FWAMW39-GWF: The MS/MSD recoveries for DRO compounds (63%/62%, 75 – 125%) were less than the LCL.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

♦Yes ☐ No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:

MS/MSD:
SVOC: Batch 580-90349, sample 11FWAMW39-GWF: The result for N-nitrosodiphenylamine were qualified as estimated with a possible low bias ("JM-") due to the low MSD recovery. The result for

3,3'-dichlorobenzidine was qualified as rejected ("R") due to MS/MSD recoveries that were less than 10% (3% and 0%, respectively).

RRO/DRO: Batch 580-90487, sample 11FWAMW39-GWF: The results for DRO compounds were qualified as estimated with a possible low bias ("JM-") due to the low MSD recovery.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

Except for rejected results, the data usability is not affected. Rejected results ("R") are not usable for decision making purposes. Results qualified as "JM-" may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

Pesticides: The surrogate recovery for tetrachloro-m-xylene (181%, 25 – 140%) on the confirmation column in sample 11FWAMW33-GWF was greater than the UCL. Methoxychlor was ND in the sample; no qualifications.

Explosives: The surrogate recovery for 1,2-dinitrobenzene in sample 11FWAMW39-GWS was greater than the UCL on the primary column (1779%, 75 – 118%) and had 0% recovery on the secondary column. The sample was analyzed at a 1:10 dilution; qualifications are not required.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ♦NA (Please explain.) Comments:

Results not qualified based on surrogate outliers.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

The data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): <u>Water and Soil</u>

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
☐Yes ☐ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported in this SDG.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

□Yes □ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported in this SDG.

iii. All results less than PQL?

□Yes □ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported in this SDG.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

VOC and GRO samples not reported in this SDG.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

♦Yes □ No □NA (Please explain.) Comments:

One FD pair was submitted with this SDG, 11FWAMW39-GWF/11FWAMW39-GWBF.

ii. Submitted blind to lab?

♦Yes □ No □NA (Please explain.) Comments:

The field duplicate was indicated with a “B” and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

□Yes ♦ No □NA (Please explain.) Comments:

All 187 sample/duplicate pair results had RPDs less than 30%.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: February 2012

CS Report Name: 2011 Fall Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-29125-2

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Drew" temp blank = 3.4° C, cooler temp = 3.1° C
Cooler "Jeanette" temp blank = 3.8° C, cooler temp = 3.2° C
Cooler "EK" temp blank = 3.8° C, cooler temp = 4.9° C
Cooler "Todd" temp blank = 3.7° C, cooler temp = 2.5° C
Cooler "Katie" temp blank = 4.4° C, cooler temp = 4.7° C
Cooler "Elizabeth" temp blank = 4.0° C, cooler temp = 3.3° C
Cooler "Jennifer" temp blank = 3.0° C, cooler temp = 3.2° C

Cooler “Mary” temp blank = 3.0° C, cooler temp = 4.7° C
Cooler “Duke” temp blank = 3.6° C, cooler temp = 2.7° C
Cooler “Derek” No temperature blank, cooler temp = 0.4° C
Cooler “Angela” temp blank = 5.4° C, cooler temp = 4.4° C
Cooler “Penny” temp blank = 4.7° C, cooler temp = 4.0° C
Cooler “Kenton” temp blank = 4.9° C, cooler temp = 4.3° C
Cooler “Phyllys” No temperature blank, cooler temp = 5.8° C
Cooler “Stephen” temp blank = 2.1° C, cooler temp = 2.0° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for the cooler “Derek” was outside of acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

Eight 1L amber bottles for sample 11FWAMW39-GWF were received in the cooler “Duke’; however the COC indicated that samples in the cooler should be sample 11FWAMW28-GWF. The sample containers for 11FWAMW28-GWF were received in the cooler “Derek”, as was indicated on COC 11FWATAKU115. The samples were logged in as 11FWAMW39-GWF.

e. Data quality or usability affected? (Please explain.)
   Comments:

The data quality and usability were not affected. There was no note of frozen sample containers.

4. Case Narrative
   a. Present and understandable?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

Pesticide CCV for batch 580-99515: Methoxychlor recoveries were greater than the UCL. Methoxychlor was not detected in the associated sample; qualifications were not required.

c. Were all corrective actions documented?

♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

The data usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

♦Yes ☐ No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the SVOC analyte n-Nitrosodimethylamine.

e. Data quality or usability affected?

Comments:

The data usability is not affected.

The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples
   a. Method Blank
      i. One method blank reported per matrix, analysis and 20 samples?
      ♦ Yes ☐ No ☐NA (Please explain.) Comments:

      ii. All method blank results less than PQL?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All method blank results less than the PQL (LOQ).

SVOC:
MB 580-97196 – Benzoic acid detected at 0.000506 J mg/L (above the LOD) and di-n-butylphthalate detected at 0.0000921 J mg/L (above the DL).

      iii. If above PQL, what samples are affected?
      Comments:

Analytes not detected in samples associated with blanks above the LOQ.

      iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

SVOCs: The detected results for benzoic acid and di-n-butylphthalate in all samples except for 11FWAMW33-GWF were qualified with a "B" due to the associated method blank contamination.

      v. Data quality or usability affected? (Please explain.)
      Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

   b. Laboratory Control Sample/Duplicate (LCS/LCSD)

      i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
      ♦ Yes ☐ No ☐NA (Please explain.) Comments:

      ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

      iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

LCS/LCSD:
SVOC: Batch 580-97196: The LCS recovery for 2,4-dimethylphenol (111%, 30 – 110%) was greater than the UCL.

MS/MSD:

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

♦Yes □ No □NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes □ No □NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:

MS/MSD:

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

The data usability is not affected

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

♦Yes □ No □NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

♦Yes □ No □NA (Please explain.) Comments:

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
□Yes □ No ♦NA (Please explain.) Comments:

Results not qualified based on surrogate outliers.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

The data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
□Yes □ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported in this SDG.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
□Yes □ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported in this SDG.

iii. All results less than PQL?
□Yes □ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported in this SDG.

iv. If above PQL, what samples are affected?
Comments:

v. Data quality or usability affected? (Please explain.)
Comments:

VOC and GRO samples not reported in this SDG.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
□Yes ♦ No □NA (Please explain.) Comments:

FD not reported with this SDG.

ii. Submitted blind to lab?

☐Yes ☐ No ♦NA (Please explain.) Comments:

FD not reported with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐ No ♦NA (Please explain.) Comments:

FD not reported with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: February 2012

CS Report Name: 2011 Fall Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-29142-1 & 580-29142-2

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Christy" temp blank = 1.4° C, cooler temp = 2.8° C
Cooler "Dan" temp blank = 2.0° C, cooler temp = 4.1° C
Cooler "Collin" temp blank = 2.8° C, cooler temp = 4.0° C
Cooler "Kevin" temp blank = 2.6° C, cooler temp = 4.2° C
Cooler "Rolly" temp blank = 4.4° C, cooler temp = 4.7° C
Cooler "Shadden" temp blank = 2.3° C, cooler temp = 2.1° C
Cooler "Christopher" temp blank = 3.7° C, cooler temp = 4.6° C

Cooler “Forrest” temp blank = 2.3° C, cooler temp = 2.6° C
Cooler “Tracey” temp blank = 2.1° C, cooler temp = 3.7° C
Cooler “Ali” temp blank = 3.1° C, cooler temp = 3.3° C
Cooler “Terry” temp blank = 2.2° C, cooler temp = 2.5° C
Cooler “Susan” temp blank = 2.6° C, cooler temp = 2.6° C
Cooler “Caitlin” temp blank = 3.2° C, cooler temp = 4.8° C
Cooler “Carrie” temp blank = 1.3°, cooler temp = 3.1° C
Cooler “Marty” temp blank = 1.3° C, cooler temp = 2.8° C
Cooler “Tim” temp blank = 2.4° C, cooler temp = 4.7° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?
   ♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for the coolers “Christy” and “Marty” were outside of acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)
   Comments:

The data quality and usability were not affected. There was no note of frozen sample containers.

4. <u>Case Narrative</u>
   a. Present and understandable?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

VOC CCV 580-97863 Bromomethane (41.5%) and Acetone (30.7%) %D results were greater than the control limit of ± 30%. Bromomethane and acetone were not detected in the associated samples; qualifications were not required.

Pesticide CCV for batch 580-99343: Methoxychlor and 4,4'-DDT recoveries were greater than the UCL. Methoxychlor and 4,4'-DDT were not detected in the associated sample; qualifications were not required.

Explosives: CCV for analytical batches 280-93339 and 280-93992 were greater than the UCL for o-nitrotoluene on the confirmation column. Results were ND on the primary column; qualifications were not required.

c. Were all corrective actions documented?

♦Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

The data usability was not affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

♦Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

♦Yes ☐ No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ♦ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following VOC analytes: 1,2,3-trichloropropane and 1,2-dibromoethane; and the SVOC analyte n-Nitrosodimethylamine. Additionally the non-detect results for the nitroaromatic explosive compounds 2,4-dinitrotoluene and 2,6-dinitrotoluene in samples 11FWAMW12-GWF and 11FWAMW12-GWBF and the SVOC compounds bis(2-chloroethyl)ether, bis(2-ethylhexyl)phthalate, dibenzo(a,h)anthracene in samples 11FWAMW06A-GWF, 11FWAMW12-GWF and 11FWAMW12-GWBF had LODs greater than their respective ADEC limits because the samples were analyzed at a 1:10 dilution.

e. Data quality or usability affected?

Comments:

The data usability is not affected.

The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. <u>QC Samples</u>

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

☐Yes ♦ No ☐NA (Please explain.) Comments:

LLVOC: 580-97395 – Carbon tetrachloride detected at 0.0000292 J mg/L (above the DL), trichloroethene detected at 0.0000268 J mg/L (above the DL) and tetrachloroethene detected at 0.0000624 J mg/L (above the LOD).

LLVOC: 580-97944 – Trichloroethene detected at 0.0000262 J mg/L (above the DL) and tetrachloroethene detected at 0.0000602 J mg/L (above the LOD).

SVOC:
MB 580-97196 – Benzoic acid detected at 0.000506 J mg/L (above the LOD) and di-n-butylphthalate detected at 0.0000921 J mg/L (above the DL).

MB 580-97356 – Diethylphthalate detect at 0.0000765 J mg/L (above the DL), phenanthrene was detected at 0.0000105 J mg/L (above the DL), di-n-butylphthalate detected at 0.000162 J (above the LOD) and butyl benzyl phthalate detected at 0.150 J mg/L (above the LOD).

GRO: MB-580-97239 – GRO compounds were detected in the method blank at 0.0202 J mg/L (above the DL) and in associated CCB analyses.

Explosives: MB 280-90200 – HMX was detected 0.000439 mg/L (above the LOQ) at in the confirmation column in the blank. Sample results were ND for HMX; qualifications were not required.

Metals: MB 580-99320 – Calcium was detected at 0.0992 J mg/L and Iron was detected at 0.0687 J mg/L (both greater than the IDL)

iii. If above PQL, what samples are affected?

Comments:

Analytes not detected in samples associated with blanks above the LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

LLVOCs: MB 580-97935: The detected results for carbon tetrachloride, TCE and PCE in associated samples that were less than five times the method blank value were qualified as with a "B".

MB 58097944: The detected result for PCE in sample 11FWAMW12-GWBF was qualified with a "B" because it was less than five times the associated method blank value.

SVOCs: MB 580-97176: The detected results for benzoic acid and di-n-butylphthalate in all samples were qualified with a "B" due to the associated method blank contamination.

MB 580-97356: The detected results for di-n-butylphthalate, benzyl butlyl phthalate and diethylphthalate in sample 11FWAMW43-GWF were qualified with a "B" due to the associated method blank contamination.

GRO: MB 580-9239: The detected results for GRO compounds for all samples in the batch were qualified with a "B" due to the associated method blank contamination.

Metals: The results for iron in samples 11FWAMW48-GWF and 11FWAMW08-GWF were qualified with a "B" due to the associated method blank concentration.

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS/LCSD:
VOC: 580-97863: The LCS recovery for bromoform (64%, 70 – 130%) was less than the LCL.

SVOC: Batch 580-97196: The LCS recovery for 2,4-dimethylphenol (111%, 30 – 110%) was greater than the UCL.

MS/MSD:

VOC: 580-97863 sample 11FWAMW39-GWF: The MS/MSD recoveries for bromoform (62%/68%) were less than the LCL.

Pesticide: Batch 580-97253, sample 11FWAMW39-GWF the MS recoveries for methoxychlor (134%/146%, 55 – 150%) were greater than the UCL.

RRO/DRO: Batch 580-90487, sample 11FWAMW39-GWF: The MS/MSD recoveries for DRO compounds (63%/62%, 75 – 125%) were less than the LCL.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

♦Yes ☐ No ☐NA (Please explain.) Comments:

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:
VOC: Batch 580-97863: The results for bromoform in the batch were qualified as estimated with a possible low bias (“JL-”) due to low LCS recoveries.

MS/MSD:
VOC: Batch 580-97863, sample 11FWAMW39-GWF: The result for bromoform was qualified as estimated with a possible low bias ("JM-") due to the low MS/MSD recoveries.

RRO/DRO: Batch 580-90487, sample 11FWAMW39-GWF: The results for DRO compounds were qualified as estimated with a possible low bias ("JM-") due to the low MSD recovery.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

The data usability is not affected. Results qualified as "JL-" or "JM-" may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

Pesticides: The surrogate recoveries for tetrachloro-m-xylene on the confirmation column in samples 11FWAMW12-GWF (179%, 25 – 140%) and 11FWAMW12-GWBF (155%, 25 – 140%) were greater than the UCL. Primary column recoveries were acceptable; no qualifications.

DRO/RRO: The surrogate recovery for n-triacontane-d62 was greater than the UCL in sample 11FWAMW06A-GWF (257%, 50 – 150%) and less than the LCL in sample 11FWAMW43-GWF (43%, 50 – 150%).

Explosives: The surrogate recovery for 1,2-dinitrobenzene in samples 11FWAMW12-GWF and 11FWAMW12-GWBF were greater than the UCL on the primary column (1372% and 1384%, respectively, 75 – 118%) and had 0% recovery on the secondary column. The samples were analyzed at a 1:10 dilution; qualifications are not required. The surrogate recovery for 1,2-dinitrobenzene in sample 11FMAW06A-GWF was greater than the UCL on the primary column (414%, 75 – 118%) and less than the LCL on the second column (74%, 75 – 118%).

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The DRO and RRO results in sample 11FWAMW06A-GWF were qualified as estimated with a possible high bias ("JS+") due to the high surrogate recovery. The DRO and RRO recoveries in sample 11FWAMW43-GWF were qualified as estimated with a possible low bias ("JS-") due to the low surrogate recovery.

Explosives: The non-detect results for nitrobenzene, 1,3,5-trinitrobenzene and tetryl, which were reported from the second column in sample 11FMAW06A-GWF, were qualified as estimated with a possible low bias ("JS-") due to the low surrogate recovery.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

The data usability was not affected. Results qualified as "JS+" may be biased high, and results qualified as "JS-" may be biased low.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iv. If above PQL, what samples are affected?

Comments:

All results less than the LOQ (PQL).

VOC: 11FWATB01-GWF: Methylene Chloride detected in the Trip Blank sample at 0.00044 J mg/L. Methylene chloride not detected in associated samples.

LLVOC: 11FWATB01-GWF: Vinyl chloride (0.000027 J mg/L), 1,1-DCE (0.000064 J mg/L), carbon tetrachloride (0.000059 J mg/L), benzene (0.000036 J mg/L), trichloroethene (0.000054 J mg/L), tetrachloroethene (0.000082 J mg/L) and EDB (0.000033 J mg/L) were detected in the sample. Detected results for 1,1-DCE, TCE, PCE and vinyl chloride in associated samples that were less than five times the trip blank concentration were qualified with a "B".

GRO: 11FWATB01-GWF: GRO compounds detected at 0.019 J mg/L. Detected results for GRO compounds in associated samples were qualified with a "B" due to the associated trip blank contamination.

v. Data quality or usability affected? (Please explain.)

Comments:

Data is usable as reported. Results qualified with a "B" may be false positives or biased high.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

Two FD pair was submitted with this SDG, 11FWAMW39-GWF/11FWAMW39-GWBF (VOCs and GRO only) and 11FWAMW12-GWF/11FWAMW12-GWBF.

ii. Submitted blind to lab?
♦Yes ☐ No ☐NA (Please explain.) Comments:

The field duplicate was indicated with a "B" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

$$\text{RPD (\%)} = \text{Absolute value of: } \frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ♦ No ☐NA (Please explain.) Comments:

11FWAMW39-GWF/11FWAMW39-GWBF: Of the 75 results, 73 had RPDs less than 30%. The two elevated RPDs were for VOC analytes 1,2-DCA and TCE, which were not detected in the primary sample, but were detected at less than the LOQ in the field duplicate sample (in cases where the result is ND, the LOD is used to calculate the RPD). Since detected results are less than the their respective LOQs and the results are much lower than their respective ADEC limits, additional qualification of the results is not required.

11FWAMW12-GWF/11FWAMW12-GWBF: Of the 229 results, 222 had RPDs less than 30%. The RPDs for the VOC compound t-butylbenzene, the LLVOC compound carbon tetrachloride and the metal aluminum had results that were detected in one sample but not in the other. Since the detected results are less than their respective LOQs and the results are much less than their respective ADEC limits, additional qualifications were not required. The results for copper in both of the samples were less than the LOQs, and the results were less than the ADEC limits; additional qualifications were not required. The result for the LLSVOC compound fluoranthene was less than the LOQ in the primary sample and higher than the LOQ in the duplicate, resulting in a 35.3% RPD. The results are both less than the ADEC limit; additional qualifications were not required. The detected result RPD for the LLSVOC compound naphthalene (59.8%) and the metal analyte mercury (46.2%) were greater than the 30% RPD limit. The results for these compounds and/or analytes were qualified as "JD" to indicate the high RPD values.

All 187 sample/duplicate pair results had RPDs less than 30%.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

□Yes ♦ No □NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

□Yes □ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes □ No □NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Lonnie Fallin

Title: Senior Chemist Date: February 2012

CS Report Name: 2011 Fall Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica Seattle Laboratory Report Number: 580-29175-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      Yes ♦ No ☐NA (Please explain.) Comments:

Cooler "Steve" temp blank = 3.5° C, cooler temp = 3.5° C
Cooler "Matt" temp blank = 1.9° C, cooler temp = 1.7° C
Cooler "Naoko" temp blank = 2.6° C, cooler temp = 3.6° C
Cooler "Jill" temp blank = 4.0° C, cooler temp = 4.7° C
Cooler "Neil" temp blank = 5.6° C, cooler temp = 5.5° C
Cooler "Kelly" temp blank = 4.5° C, cooler temp = 5.0° C
Cooler "Erika" temp blank = 3.8° C, cooler temp = 3.7° C

Cooler “Rogue Nation” temp blank = 3.1° C, cooler temp = 4.1° C
Cooler “Jon” temp blank = 2.7° C, cooler temp = 4.1° C
Cooler “Prakruthi” temp blank = 5.7° C, cooler temp = 5.6° C
Cooler “Hal” temp blank = 4.9° C, cooler temp = 5.7° C
Cooler “Sarah” temp blank = 4.4° C, cooler temp = 5.6° C
Cooler “Kristi” temp blank = 4.2° C, cooler temp = 2.1° C
Cooler “Clay” temp blank = 3.0°, cooler temp = 5.1° C
Cooler “Pat” temp blank = 3.2° C, cooler temp = 2.5° C
Cooler “Jenny” temp blank = 3.6° C, cooler temp = 4.1° C
Cooler “Greg” temp blank = 5.1° C, cooler temp = 5.0° C
Cooler “Anthony” temp blank = 3.3° C, cooler temp = 3.7° C
Cooler “Jackie” temp blank = 4.4° C, cooler temp = 4.6° C
Cooler “Brian” temp blank = 3.1° C, cooler temp = 3.6° C

Cooler temperature for receipt of explosive samples at TestAmerica Denver (transferred from TestAmerica Tacoma) was less than 6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

♦Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

♦Yes ☐ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

♦Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for the cooler “Matt” was outside of acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

The sample time on the VOC labels for 11FWAMW81-GWF did not match the COC. The sample time lists 19:30 and the COC lists 18:30. The samples were logged in per the COC.

One unpreserved 1L amber bottle for sample 11FWAMW81-GWF was received broken.

e. Data quality or usability affected? (Please explain.)

Comments:

The data quality and usability were not affected. There was no note of frozen sample containers.

4. Case Narrative
   a. Present and understandable?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. Discrepancies, errors or QC failures identified by the lab?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

VOC CCV 580-97863 Bromomethane (41.5%) and Acetone (30.7%) %D results were greater than the control limit of ± 30%. Bromomethane and acetone were not detected in the associated samples; qualifications were not required.

VOC ICV 580-97954 Acetone (67%) %D result greater than the control limit of ± 30%. Acetone was not detected in the associated samples; qualifications were not required.

Pesticide CCV for batch 580-99343: Methoxychlor and 4,4'-DDT recoveries were greater than the UCL. Methoxychlor and 4,4'-DDT were not detected in the associated sample; qualifications were not required.

Explosives: CCV for analytical batch 280-93992 was greater than the UCL for o-nitrotoluene on the confirmation column. Results were ND on the primary column; qualifications were not required.

   c. Were all corrective actions documented?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   d. What is the effect on data quality/usability according to the case narrative?
      Comments:

The data usability was not affected.

5. Samples Results
   a. Correct analyses performed/reported as requested on COC?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

   b. All applicable holding times met?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

□Yes □ No ♦NA (Please explain.) Comments:

No soils were reported.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

□Yes ♦ No □NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following VOC analytes: 1,2,3-trichloropropane and 1,2-dibromoethane; and the SVOC analyte n-Nitrosodimethylamine. Additionally the non-detect results for the nitroaromatic explosive compounds 2,4-dinitrotoluene and 2,6-dinitrotoluene in sample 11FWAMW62-GWF and the SVOC compounds bis(2-chloroethyl)ether, bis(2-ethylhexyl)phthalate, dibenzo(a,h)anthracene in samples 11FWAMW62-GWF and 11FWAMW77-GWF had LODs greater than their respective ADEC limits because the sample was analyzed at a 1:10 dilution.

e. Data quality or usability affected?

Comments:

The data usability is not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. <u>QC Samples</u>

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

♦ Yes □ No □NA (Please explain.) Comments:

ii. All method blank results less than PQL?

♦Yes □ No □NA (Please explain.) Comments:

All method blank results less than the PQL (LOQ). VOC: 580-97954 – Naphthalene was detected at 0.000429 J mg/L (above the LOD). Naphthalene was not detected in the associated samples; qualification were not required. LLVOC: 580-97944 – Trichloroethene detected at 0.0000262 J mg/L (above the DL) and tetrachloroethene detected at 0.0000602 J mg/L (above the LOD). LLVOC: 580-98006 – Vinyl chloride detected at 0.0000505 J mg/L (above the LOD), 1,1-DCE detected at 0.0000383 J mg/L (above the DL), carbon tetrachloride detected at 0.0000578 J mg/L (above the LOD), benzene detected at 0.0000334 J mg/L (above the DL), trichloroethene detected at 0.0000326 J mg/L (above the DL), tetrachloroethene detected at 0.0000555 J mg/L (above the LOD), EDB detected at 0.0000401 J mg/L (above the DL), 1,1,2,2-PCA detected at 0.0000357 J mg/L (above the DL) and 1,2,3-trichloropropane at 0.0000628 J mg/L (above the LOD). SVOC:

MB 580-97356 – Diethylphthalate detected at 0.0000765 J mg/L (above the DL), phenanthrene detected at 0.0000105 J mg/L (above the DL), di-n-butyl phthalate detected at 0.000162 J mg/L (above the LOD) and butyl benzyl phthalate detected at 0.000150 J mg/L (above the LOD).

Explosives: MB 280-90200 – HMX was detected 0.000239 J mg/L (above the LOD) at in the confirmation column in the blank. Sample results were ND for HMX; qualifications were not required.

Metals: MB 580-99320 – Calcium was detected at 0.0992 J mg/L and Iron was detected at 0.0687 J mg/L (both greater than the IDL)

iii. If above PQL, what samples are affected?

Comments:

Analytes not detected in samples associated with blanks above the LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

LLVOCs: LLVOC: 580-97944 –Detected results for trichloroethene and tetrachloroethene less than five times the method blank value were qualified with a "B".

LLVOC: 580-98006 – Detected results for vinyl chloride, 1,1-DCE, carbon tetrachloride, benzene, trichloroethene, tetrachloroethene, EDB, 1,1,2,2-tetrachloroethane and 1,2,3-trichloropropane less than five times the method blank value were qualified with a "B".

SVOCs: MB 580-97356 – The detected results for diethylphthalate, phenanthrene, di-n-butyl phthalate and butyl benzyl phthalate that were less than five times their respective blank values were qualified with a "B".

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

♦ Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

LCS/LCSD:
VOC: 580-97863: The LCS recovery for bromoform (64%, 70 – 130%) was less than the LCL.

VOC: 580-97954: The LCS recoveries for acetone (16%, 40 – 140%) and bromoform (66%, 70 - 130%) were less than their respective LCLs.

MS/MSD:

VOC: 580-97863 sample 11FWAMW64-GWF: The MS/MSD recoveries for acetone (25%/29%, 40 – 140%) and bromoform (64%/67%, 70 – 130%) were less than the LCL.

SVOC: 580-97356 sample 11FWAMW64-GWF: The MS/MSD recoveries for 3,3'-dichlorobenzidine were 0% (20 – 110%), which is less than the LCL. Several compounds were recovered at greater than their UCLs in the MS and/or MSD samples. If the result was ND in the parent sample, qualifications were not required.

LLSVOC-SIM: 580-97356 sample 11FWAMW64-GWF: Several compounds were recovered at greater than their UCLs in the MS and/or MSD samples. If the result was ND in the parent sample, qualifications were not required.

Pesticide: Batch 580-97379, sample 11FWAMW64-GWF the MS/MSD recoveries for beta-BHC (60%/62%, 65 – 125%) were less than the LCL.

RRO/DRO: Batch 580-97711, sample 11FWAMW64-GWF: The MS recovery for DRO compounds (69%, 75 – 125%) were less than the LCL.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

□Yes ♦ No □NA (Please explain.) Comments:

SVOC: 580-97356 sample 11FWAMW64-GWF: Bis(2-chloroethyl)ether (31%) and bis(2-ethylhexyl)phthalate (51%) greater than the CL of 30%.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes □ No □NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

LCS/LCSD:
VOC: Batch 580-97863: The results for bromoform in the batch were qualified as estimated with a possible low bias ("JL-") due to low LCS recoveries.

VOC: Batch 580-97954: The results for bromoform and acetone in the batch were qualified as estimated with a possible low bias ("JL-") due to low LCS recoveries.

MS/MSD:
VOC: Batch 580-97954, sample 11FWAMW64-GWF: The results for bromoform and acetone were qualified as estimated with a possible low bias ("JM-") due to the low MS/MSD recoveries.

SVOC: 580-97356 sample 11FWAMW64-GWF: The results for diethyl phthalate, di-n-butyl phthalate and phenanathrene were qualified as estimated with a possible high bias ("JM+") due to high MS/MSD recoveries. The result for 3,3'-dichlorobenzidine was rejected ("R") due to 0% MS/MSD recoveries.

Pesticide: Batch 580-97379, sample 11FWAMW64-GWF. The non-detect result for beta-BHC was qualified as estimated with a possible low bias ("JM-") due to the low MS/MSD recoveries.

RRO/DRO: Batch 580-97711, sample 11FWAMW64-GWF: The results for DRO compounds were qualified as estimated with a possible low bias ("JM-") due to the low MS recovery.

vii. Data quality or usability affected? (Use comment box to explain.)
Comments:

Except for rejected results, the data usability is not affected. Rejected results ("R") are not usable for decision making purposes. Results qualified as "JL-" or "JM-" may be biased low. Results qualified as "JM+" may be biased high.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

Explosives: The surrogate recovery for 1,2-dinitrobenzene in sample 11FWAMW62-GWF and was greater than the UCL on the secondary column (392%, 75 – 118%) and had 0% recovery on the primary column. The sample was analyzed at a 1:10 dilution; qualifications are not required. The surrogate recovery for 1,2-dinitrobenzene in sample 11FMAW77-GWF was greater than the UCL on the both columns (173%/124%, 75 – 118%).

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Explosives: The detected result for o-nitrotoluene in sample 11FMAW77-GWF was qualified as estimated with a possible high bias ("JS+") due to the high surrogate recovery.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

The data usability was not affected. Results qualified as "JS+" may be biased high.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

☐Yes ♦ No ☐NA (Please explain.) Comments:

See 6.d.iv, below.

iv. If above PQL, what samples are affected?

Comments:

VOC: 11FWATB02-GWF: Methylene Chloride detected in the Trip Blank sample at 0.00048 J mg/L (above the LOD). Methylene chloride was not detected in any of the associated samples; qualifications were not required. VOC: 11FWATB03-GWF: Methylene Chloride detected in the Trip Blank sample at 0.0047 mg/L (above the LOQ), cis-1,2-DCE detected at 0.00023 J mg/L (above the DL) and TCE detected at 0.00068 J mg/L (above the LOD). Methylene chloride was not detected in any of the associated samples; qualifications were not required. The detected results for cis-1,2-DCE and TCE in the associated samples that were less than five times the trip blank concentrations were qualified with a "B". LLVOC: 11FWATB02-GWF: 1,1,2,2-Tetrachloroethene detected at 0.000046 J mg/L (above the DL), 1,1-DCE at 0.000047 J mg/L (above the DL), 1,2,3-trichloropropane detected at 0.000074 J mg/L (above the DL), EDB was detected at 0.000043 J mg/L (greater than the DL), 1,2-DCA detected at

0.000032 J mg/L (greater than the DL), benzene at 0.000043 J mg/L (greater than the DL), tetrachloroethene was detected at 0.000076 J mg/L (greater than the LOD), trichloroethene 0.000065 J mg/L (greater than the LOD) and vinyl chloride was detected at 0.000044 J mg/L greater than the LOD). Detected results for 1,1-DCE, 1,2-DCA, PCE, TCE and vinyl chloride in associated samples that were less than five times the trip blank concentration were qualified with a "B".

LLVOC: 11FWATB03-GWF: 1,1,2,2-Tetrachloroethene detected at 0.000029 J mg/L (above the DL), EDB detected at 0.000042 J mg/L (above the DL), 1,2-DCA detected at 0.000033 J mg/L (above the DL), benzene at 0.000043 J mg/L (greater than the DL), carbon tetrachloride detected at 0.00003 J mg/L (greater than the LOD), tetrachloroethene was detected at 0.000069 J mg/L (greater than the LOD), trichloroethene was detected at 0.00068 mg/L (greater than the LOQ) and vinyl chloride was detected at 0.000031 J mg/L (greater than the LOD). Detected results for 1,1,2,2-tetrachloroethane, 1,2-DCA, PCE, TCE and vinyl chloride in associated samples that were less than five times the trip blank concentration were qualified with a "B".

v. Data quality or usability affected? (Please explain.)

Comments:

Data is usable as reported. Results qualified with a "B" may be false positives or biased high.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☐Yes ♦ No ☐NA (Please explain.) Comments:

One FD pair was submitted with this SDG, 11FWAMW64-GWF/11FWAMW64-GWBF.

ii. Submitted blind to lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

The field duplicate was indicated with a "B" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ♦ No ☐NA (Please explain.) Comments:

Of the 229 results, 225 had RPDs less than 30%. The RPDs for the SVOC compounds 2,4-dichlorophenol and phenanthrene and the metal aluminum had results that were detected in one sample but not in the other. Since the detected results are less than their respective LOQs and the results are much less than their respective ADEC limits, additional qualifications were not required. The results for copper in both of the samples were less than the LOQs, and the results were less than the ADEC limits; additional qualifications were not required. The detected result RPD for the metal analyte mercury (142%) was greater than the 30% RPD limit. The results for mercury were qualified as "JD" to indicate the high RPD values.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data usability was not affected.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Tim Martinson

Title: Chemist Date: 01-27-2012

CS Report Name: 2011 Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Seattle Laboratory Report Number: 580-29181-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☒ No ☐NA (Please explain.) Comments:

      All samples were analyzed by Test America in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver, CO.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☒ No ☐NA (Please explain.) Comments:

      The cooler temperature for cooler "Dr. Dave" was measured at 2.3° C and temperature blank was 1.6° C. The cooler temperature for cooler "Beki" was measured at 1.2 and temperature blank was 3.8° C. The cooler temperature for cooler "David" was measured at 0.4° C and temperature blank was 1.6° C. The cooler temperature for cooler "Theresa" was measured at 4.4° C and temperature blank was 1.2° C. The cooler temperature for cooler "Kathy" was measured at 3.5° C and temperature blank was 0.7° C. The cooler temperature for cooler "Jodi" was measured at 1.6° C and temperature blank was 5.0° C. The cooler temperature for cooler "Anna" was measured at 0.4° C and temperature blank was 0.8° C.

The cooler temperature for cooler “Mindy” was measured at 2.1° C and temperature blank was 5.8° C. The cooler temperature for cooler “Mark” was measured at 1.9° C and temperature blank was 0.7° C. The cooler temperature for cooler “Belway” was measured at 5.9° C and temperature blank was 2.3° C. The cooler temperature for cooler “Valentine” was measured at 0.7° C and temperature blank was 4.6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☒Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☐Yes ☒ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☒Yes ☐ No ☐NA (Please explain.) Comments:

The temperature for several coolers were outside of the acceptable range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)

Comments:

The data quality and usability were not significantly affected. There was no note of frozen sample containers.

4. <u>Case Narrative</u>

a. Present and understandable?

☒Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☒Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

SW8330 Explosives - A deviation from the Standard Operating Procedure (SOP) occurred. A larger than anticipated sample volume (1 liter) was received by the laboratory. The laboratory removed a 500mL portion from the 1 liter container and proceeded with the analysis without rinsing the sample container.

Insufficient sample volume was available to perform batch matrix spike/matrix spike duplicate (MS/MSD) associated with batch 280-91008. The laboratory control sample (LCS) was performed in duplicate to provide precision data for this batch.

c. Were all corrective actions documented?
☒Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

The data usability is not significantly affected.

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☒Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
☒Yes ☐ No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?
☐Yes ☐ No ☒NA (Please explain.) Comments:

No soil samples were submitted with this delivery group.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?
☐Yes ☒ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following SVOC analyte: n-Nitrosodimethylamine.

e. Data quality or usability affected?
Comments:

The data quality and usability are not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples
a. Method Blank
i. One method blank reported per matrix, analysis and 20 samples?
☒ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?
☒Yes ☐ No ☐NA (Please explain.) Comments:

All method blank results less than the PQL (LOQ).

SVOC: 580-97420: Phenanthrene detected at 0.0000108 J mg/L (greater than the DL) and di-n-butylphthalate was detected at 0.0000862 J mg/L (greater than DL).

Metals: 580-99512: Calcium detected at 0.0559 J mg/L.

iii. If above PQL, what samples are affected?
Comments:

Blank results were not above the LOQ.

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☒ Yes ☐ No ☐NA (Please explain.) Comments:

SVOC: 580-97420: Detected results for phenanthrene and di-n-butylphthalate that were less than five times the method blank values were qualified with a "B".

v. Data quality or usability affected? (Please explain.)
Comments:

The data usability is not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☒Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☒Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS:
SVOC: 580-97420-2: The LCS recoveries for 1,4-dichlorobenzene (101%, 30 – 100%), nitrobenzene (114%, 45 – 110%), hexachlorobutadiene (109%, 25 – 105%), 2-chloronaphthalene (109%, 50 – 105%), acenaphthylene (110%, 50 – 105%), 2,6-dinitrotoluene (50 – 115%), dibenzofuran (109%, 55-105%), 2,4-dinitrotoluene (121%, 50 – 120%), 4-chlorophenylether (113%, 50 – 110%) and N-

nitrosodimethylamine (126%, 25 – 110%) and the LCSD recovery for 1,2-dichlorobenzene (101%, 35 – 100%) were greater than their respective UCLs.

Pesticides: The LCSD recovery for endosulfan II (11%, 50 – 110%) was greater than the UCL.

MS:

Metals: Sample 11FWAMW69-GWF: The MSD recoveries for cobalt (121%, 80 – 120%), copper (123%, 80 – 120%) and manganese (132%, 80 – 120%) were above their respective UCLs.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

SVOC: 580-97420: The RPD for N-nitrosodimethylamine (31%) was greater than the control limit of 30%.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See Section 6.b.vi, below.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

MS/MSD:
The detected results for cobalt, copper and manganese in sample 11FWAMW69-GWF were qualified as estimated with a possible high bias ("JM+") due to the high MSD recoveries.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

The data usability is not affected. Results qualified as "JM+" may be biased slightly high.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No data flags were required.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

The data quality and usability were not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

☐Yes ☐ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported with this SDG; trip blank samples were not required.

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

☐Yes ☐ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported with this SDG; trip blank samples were not required.

iii. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

VOC and GRO samples not reported with this SDG; trip blank samples were not required.

iv. If above PQL, what samples are affected?

Comments:

v. Data quality or usability affected? (Please explain.)

Comments:

VOC and GRO samples not reported with this SDG; trip blank samples were not required.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?
☐Yes ♦ No ☐NA (Please explain.) Comments:

A field duplicate sample was not submitted with this SDG.

ii. Submitted blind to lab?
☐Yes ☐ No ♦NA (Please explain.) Comments:

A field duplicate sample was not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐ No ♦NA (Please explain.) Comments:

A field duplicate sample was not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

A field duplicate sample was not submitted with this SDG.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ♦Yes ☐ No ☐NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Tim Martinson

Title: Chemist Date: 02-02-2012

CS Report Name: 2011 Taku Groundwater Report Date: February 2012

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Seattle Laboratory Report Number: 580-29203-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☐Yes ☐ No ☒NA (Please explain.) Comments:

      All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☒ No ☐NA (Please explain.) Comments:

      The cooler temperature for cooler "AI" was measured at 3.1° C and temperature blank was 3.3° C.
      The cooler temperature for cooler "Scott" was measured at 3.1 and temperature blank was 3.5° C.
      The cooler temperature for cooler "Tyson" was measured at 3.9° C and temperature blank was 4.4° C.
      The cooler temperature for cooler "Robbie" was measured at 4.4° C and temperature blank was 1.2° C.
      The cooler temperature for cooler "Kari" was measured at 3.5° C and temperature blank was 0.7° C.
      The cooler temperature for cooler "Trudy" was measured at 4.0° C and temperature blank was 3.2° C.
      The cooler temperature for cooler "Pete" was measured at 2.8° C and temperature blank was 4.2° C.

The cooler temperature for cooler “Monte” was measured at 1.4° C and temperature blank was 0.2° C.
The cooler temperature for cooler “Jenni” was measured at 1.9° C and temperature blank was 0.7° C.
The cooler temperature for cooler “KellyG” was measured at 5.9° C and temperature blank was 2.3° C.
The cooler temperature for cooler “Cory” was measured at 0.7° C and temperature blank was 3.6° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☒Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☐Yes ☒ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☒Yes ☐ No ☐NA (Please explain.) Comments:

The temperatures for several coolers were outside of the acceptance range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

During the line-up in receiving one vial for sample 11FWAMW82-GWF was dropped and the lid cracked. The vial was tagged with a DO NOT USE label.

One VOC vial for sample 11FWAMW03-GWF was broken during login.

Insufficient volume was received for SW8082 (PCB) MS/MSD analyses.

e. Data quality or usability affected? (Please explain.)

Comments:

The data quality and usability were not significantly affected. There was no note of frozen sample containers.

4. Case Narrative

a. Present and understandable?

☒Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☒Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

VOC:
ICV – The results for 1,2-dibromo-3chloropropane, acetone, bromoform, bromomethane, chloromethane, trichlorofluoromethane and vinyl chloride were originally reported from batches where the ICV was recovered at less than the QSM limits. The samples were reanalyzed past their respective hold times, but with adequate ICV/CCV recoveries, and these results were retained in the report (and qualified as "JH").

CCV 580-98063/3 –Tetrachloroethene (-25.8%) %D less than the ±20% control limit. The results for PCE were qualified as estimated ("JC-") due to the low CCV recoveries.
SW8321 Explosives – The internal area standard counts were lower than the -50% limit for internal standard HMX-13C4 in the initial analysis of samples 11FWAMW35-GWF and 11FWAMW58-GWF and for internal standard RDX-13C3 in the initial analysis of sample 11FWAMW58-GWF. The samples were reanalyzed at dilutions, and compounds associated with these internal standards were reported from the dilutions; no qualifications were required.

c. Were all corrective actions documented?
☒Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?
Comments:

The data usability is not significantly affected.

5. Samples Results
a. Correct analyses performed/reported as requested on COC?
☒Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?
☐Yes ☒ No ☐NA (Please explain.) Comments:

The VOC results for 1,2-dibromo-3-chloropropane, acetone, bromoform, bromomethane, chloromethane, trichlorofluoromethane and vinyl chloride were originally reported from analyses where either the ICV or the CCV recoveries were below the QSM limits. The samples were reanalyzed three to five days past their hold times (samples originally collected on 6 October 2011, 7 October 2011 and 8 October 2011 and reanalyzed on 25 October 2011) for the compounds associated with the low ICV recoveries. Results from the reanalysis were retained, and were qualified as estimated ("JH") due to the hold time exceedance. Results for these compounds may be biased slightly low.

c. All soils reported on a dry weight basis?
☐Yes ☐ No ☒NA (Please explain.) Comments:

No soil samples were submitted with this delivery group.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☒ No ☐NA (Please explain.) Comments:

Samples had limits of detection (LOD) greater than the ADEC Cleanup Level for the following VOC analytes: 1,2,3-trichloropropane and 1,2-dibromoethane; and the SVOC analyte n-Nitrosodimethylamine.

e. Data quality or usability affected?

Comments:

The data quality and usability are not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. <u>QC Samples</u>

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

☒ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

☒Yes ☐ No ☐NA (Please explain.) Comments:

All method blank results less than the PQL.

VOC: MB 580-98063/5 – Methylene chloride detected at 0.000172 J mg/L (greater than the DL). Results not detected at less than five times the blank value in the associated samples; qualifications not required.

LL VOC: MB-98038/3 – Vinyl chloride detected at 0.0000257 J mg/L (above the LOD), 1,1-DCE detected at 0.0000394 J mg/L (above the DL), benzene detected at 0.0000363 J mg/L (above the DL), trichloroethene detected at 0.0000369 J mg/L (above the DL), tetrachloroethene detected at 0.0000485 J mg/L (above the DL), EDB detected at 0.0000274 J mg/L (above the DL), 1,1,2,2-tetrachloroethane detected at 0.0000262 J mg/L (above the DL) and 1,2,3-trichloropropane at 0.0000672 J mg/L (above the LOD).

SVOC: MB-97589/1 – Phenanthrene was detected at 0.0000250 J mg/L (above the LOD) and di-n-butylphthalate was detected at 0.0000668 J mg/L (above the DL).

GRO: The method blank, MB-97717/5 was ND for GRO compounds; however, the CCB (97717/25) had GRO compounds detected at 0.0348 J mg/L (greater than the DL).

Metals: Calcium was detected at 0.0599 J mg/L.

iii. If above PQL, what samples are affected?

Comments:

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?
☒ Yes ☐ No ☐NA (Please explain.) Comments:

LL VOC: MB-98038/3 – The detected results for vinyl chloride, 1,1-DCE, benzene, trichloroethene, tetrachloroethene, and 1,2,2-tetrachloroethane less than five times the method blank value were qualified with a "B".

SVOC: MB-97559 – The detected result for di-n-butylphthalate in sample 11FWAMW35-GWF was qualified with a "B" because it was less than five times the associated blank concentration.

GRO: The detected results for GRO compounds less than five times the CCB value were qualified with a "B".

v. Data quality or usability affected? (Please explain.)
Comments:

The data usability was not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)
☒Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?
☒Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

LCS:
VOC – Batch 580-98063 – LCS recovery for acetone (24%, 40 – 140%) less than the LCL.

VOC – Batch 580-98065 – LCS recovery for acetone (20%, 40 – 140%) less than the LCL.

MS/MSD:
VOC – Batch 580-98065, sample 11FWAMW85-GWF: MS/MSD recoveries for bromoform (65%/66%, 70 – 130%) less than the LCL.

LLSW8270 – SIM: Batch 580-97559, sample 11FWAMW85-GWF: The MSD recovery for anthracene (53%, 55 – 110%) was less than the LCL.

DRO/RRO – Batch 580-29203, sample 11FWAMW85-GWF: The MS recovery for DRO compounds (69%, 75 – 125%) was less than the LCL.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

Pesticides – Batch 580-97606: Aldrin (32%) RPD is greater than the control limit of 30%.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See Section 6.b.vi, below

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

VOC:

Batch 580-98063 – The results for acetone have been qualified as estimated with a possible low bias ("JL-") due to the low LCS recovery.

Batch 580-98065 – The results for acetone have been qualified as estimated with a possible low bias ("JL-") due to the low LCS recovery.

MS/MSD:

VOC – Batch 580-98065, sample 11FWAMW85-GWF: The non-detect result for bromoform was qualified as estimated with a possible low bias ("JM-") due to the low MS/MSD recoveries

LLSW8270 – SIM: Batch 580-97559, sample 11FWAMW85-GWF: The non-detect result for anthracene was qualified as estimated with a possible low bias ("JM-") due to the low MSD recovery.

DRO – Batch 580-97783, sample 11FWAMW85-GWF: The result for DRO was qualified as estimated with a possible low bias ("JM-") due to the low MS recovery.

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

The data usability is not affected. Results qualified as "JM-" may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)
☐Yes ♦ No ☐NA (Please explain.) Comments:

SVOC: 11FWAMW58-GWF – The surrogate recovery for 2-fluorobiphenyl (48%, 50 – 110%) was less than the LCL.

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?
☐Yes ☐ No ♦NA (Please explain.) Comments:

No data flags were required.

iv. Data quality or usability affected? (Use the comment box to explain.)
Comments:

The data usability was not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)
♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)
♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?
♦Yes ☐ No ☐NA (Please explain.) Comments:

All trip blank results were less than the LOQ.

VOC: 11FWATB04-GWF: Methylene chloride detected at 0.0006 J mg/L (greater than the LOD).

11FWATB05-GWF: Methylene chloride detected at 0.00041 J mg/L (greater than the LOQ).

LL VOC: 11FWATB05-GWF – Vinyl chloride detected at 0.000042 J mg/L (above the LOD), 1,1-DCE detected at 0.00006 J mg/L (above the DL), benzene detected at 0.000033 J mg/L (above the DL), trichloroethene detected at 0.000058 J mg/L (above the LOD), tetrachloroethene detected at 0.000047 J mg/L (above the DL), EDB detected at 0.00006 J mg/L (above the LOD), 1,1,2,2-tetrachloroethane detected at 0.000031 J mg/L (above the DL) and carbon tetrachloride at 0.000052 J mg/L (above the LOD).

GRO: 11FWATB04-GWF: GRO compounds were detected at 0.022 J mg/L (greater than the DL).

iv. If above PQL, what samples are affected?

Comments:

Trip blank results were not above LOQ (PQL).

GRO: The detected results in samples associated with 11FWATB04-GWF that were less than five times the trip blank value were qualified with "B".

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability was not affected. Results qualified with a "B" may be false positives or biased high.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

One FD pair, 11FWAMW85-GWF/11FWAMW85-GWBF, was submitted with this SDG. Additionally, sample 11FWAMW03-GWBF, a field duplicate sample (for PCBs only) to sample submitted in SDG 580-29181, was submitted with this SDG.

ii. Submitted blind to lab?

♦Yes ☐ No ☐NA (Please explain.) Comments:

The field duplicate was indicated with a "B" and therefore was not completely blind.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐ No ☐NA (Please explain.) Comments:

11FWAMW85-GWF/11FWAMW85-GWBF: Out of 93 sample/duplicate pair results, 92 had RPDs less than 30%. The RPD for DRO was 35.3%, but both values were less than the LOQ and well below the ADEC limits; additional qualification was not required.

11FWAMW03-GWF/11FWAMW03-GWBF: Out of seven sample/duplicate pair results, seven had RPDs less than 30%. In cases where one result was detected and the other was ND, the LOD was used in place of the ND result.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

The data quality and usability were not affected.

f. Decontamination or Equipment Blank (If not used explain why).

□Yes ♦ No □NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

□Yes □ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)

a. Defined and appropriate?

♦Yes □ No □NA (Please explain.) Comments:

Laboratory Data Review Checklist

Completed by: Tim Martinson

Title: Chemist Date: 02-02-2012

CS Report Name: Report Date:

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Seattle Laboratory Report Number: 580-29332-1

ADEC File Number: 108.38.085 ADEC RecKey Number:

1. Laboratory
   a. Did an ADEC CS approved laboratory receive and perform all of the submitted sample analyses?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

   b. If the samples were transferred to another "network" laboratory or sub-contracted to an alternate laboratory, was the laboratory performing the analyses ADEC CS approved?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

   All samples were analyzed by TestAmerica in Tacoma, WA except for explosives, which were analyzed by TestAmerica in Denver.

2. Chain of Custody (COC)
   a. COC information completed, signed, and dated (including released/received by)?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

   b. Correct analyses requested?
      ☒Yes ☐ No ☐NA (Please explain.) Comments:

3. Laboratory Sample Receipt Documentation
   a. Sample/cooler temperature documented and within range at receipt (4° ± 2° C)?
      ☐Yes ☒ No ☐NA (Please explain.) Comments:

   The cooler temperature for cooler "Hooper" measured at 2.7° C and temperature blank was 4.2 C. The cooler temperature for cooler "Ronin" was measured at 2.7 and temperature blank was 5.8° C. The cooler temperature for cooler "Kiska" was measured at 0.9° C and temperature blank was 3.5° C.

b. Sample preservation acceptable – acidified waters, Methanol preserved VOC soil (GRO, BTEX, Volatile Chlorinated Solvents, etc.)?

☒Yes ☐ No ☐NA (Please explain.) Comments:

c. Sample condition documented – broken, leaking (Methanol), zero headspace (VOC vials)?

☐Yes ☒ No ☐NA (Please explain.) Comments:

d. If there were any discrepancies, were they documented? For example, incorrect sample containers/preservation, sample temperature outside of acceptable range, insufficient or missing samples, etc.?

☒Yes ☐ No ☐NA (Please explain.) Comments:

The temperature for the cooler "Kiska" was outside of the acceptance range.

Per the DoD QSM, Section 5.8.3.1, samples shall be considered acceptable if the temperature range is just above freezing to 6°C as long as there is no evidence of the samples being frozen. The samples showed no evidence of being frozen.

e. Data quality or usability affected? (Please explain.)

Comments:

The data usability was not significantly affected. There was no note of frozen sample containers.

4. Case Narrative

a. Present and understandable?

☒Yes ☐ No ☐NA (Please explain.) Comments:

b. Discrepancies, errors or QC failures identified by the lab?

☒Yes ☐ No ☐NA (Please explain.) Comments:

QC failures are discussed in the relevant sections of this checklist. Additional items noted by the laboratory include:

SW8321 Explosives – The internal area standard counts were lower than the -50% limit for internal standard HMX-13C4 in the initial analysis of sample 11FWAMW91-GWF. The sample was reanalyzed at a dilution, and compounds associated with this internal standard were reported from the dilution; no qualifications were required.

c. Were all corrective actions documented?

☒Yes ☐ No ☐NA (Please explain.) Comments:

d. What is the effect on data quality/usability according to the case narrative?

Comments:

The data usability is not significantly affected.

5. Samples Results

a. Correct analyses performed/reported as requested on COC?

☒Yes ☐ No ☐NA (Please explain.) Comments:

b. All applicable holding times met?

☒Yes ☐ No ☐NA (Please explain.) Comments:

c. All soils reported on a dry weight basis?

☐Yes ☐ No ☒NA (Please explain.) Comments:

No soil samples were submitted with this delivery group.

d. Are the reported PQLs less than the Cleanup Level or the minimum required detection level for the project?

☐Yes ☒ No ☐NA (Please explain.) Comments:

Analytes: The SW8270 compound n-Nitrosodimethylamine had limits of detection (LOD) greater than the ADEC Cleanup Level.

e. Data quality or usability affected?

Comments:

The data quality and usability are not affected. The sample results with LODs above the ADEC Cleanup Level are considered usable for the purposes of the Taku Garden Groundwater Monitoring.

6. QC Samples

a. Method Blank

i. One method blank reported per matrix, analysis and 20 samples?

☒ Yes ☐ No ☐NA (Please explain.) Comments:

ii. All method blank results less than PQL?

☒Yes ☐ No ☐NA (Please explain.) Comments:

All results less than the LOQ. SVOC: Batch 580-98008 – Di-n-butyl phthalate detected at 0.0000694 J mg/L (greater than the DL). LLSVOC-SIM: Batch 580-98008 – Phenanthrene detected at 0.00000332 J mg/L (greater than the DL)

DRO: Batch 580-98373 – DRO compounds detected at 0.0357 J mg/L (greater than the DL)

iii. If above PQL, what samples are affected?

Comments:

Blank values were not above the LOQ (PQL).

iv. Do the affected sample(s) have data flags and if so, are the data flags clearly defined?

☒ Yes ☐ No ☐NA (Please explain.) Comments:

SVOC: The detected result for di-n-butylphthalate in sample 11FWAMW91-GWF was qualified with a "B" because it was less than five times the method blank result.

DRO: The detected DRO results in samples 11FWAMW91-GWF and 11FWAMW92-GWF were qualified with a "B" because they were less than five times the method blank result.

v. Data quality or usability affected? (Please explain.)

Comments:

The data usability was not affected. Results qualified with a "B" may be false positives or biased high.

b. Laboratory Control Sample/Duplicate (LCS/LCSD)

i. Organics – One LCS/LCSD reported per matrix, analysis and 20 samples? (LCS/LCSD required per AK methods, LCS required per SW846)

☒Yes ☐ No ☐NA (Please explain.) Comments:

ii. Metals/Inorganics – one LCS and one sample duplicate reported per matrix, analysis and 20 samples?

☒Yes ☐ No ☐NA (Please explain.) Comments:

iii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods: AK101 60%-120%, AK102 75%-125%, AK103 60%-120%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

SVOC: LCS 580-98008 – LCS recoveries for 2,4-dimethylphenol (7%, 30 – 110%), 4-chloroaniline (3%, 15 – 110%) were less than the LCL. LCS recoveries for bis(2-ethylhexyl)phthalate (220%, 40 – 125%)

LCS 580-100426 – LCS recoveries for 2,4-dimethylphenol (15%, 30 – 110%), N-nitrosodiphenylamine (40%, 50 – 110%) were less than the LCL.

iv. Precision – All relative percent differences (RPD) reported and less than method or laboratory limits? And project specified DQOs, if applicable. RPD reported from

LCS/LCSD, MS/MSD, and or sample/sample duplicate. (AK Petroleum methods 20%; all other analyses see the laboratory QC pages)

☐Yes ♦ No ☐NA (Please explain.) Comments:

SVOC: LCS 580-98008 – The RPD values for bis(2-chloroethyl)ether (35%), 2-chlorophenol (33%), benzyl alcohol (38%), 2-methylphenol (51%), 3&4-methylphenol (50%), 2,4-dimethylphenol (131%), 4-chloroaniline (184%), 3,3'-dichlorobenzidine (110%) and bis(2-ethylhexyl)phthalate (73%) were greater than the control limit of 30%.

v. If %R or RPD is outside of acceptable limits, what samples are affected?

Comments:

See Section 6.b.vi, below

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?

♦Yes ☐ No ☐NA (Please explain.) Comments:

If results are non-detect and the LCS and/or LCSD recoveries and MS and/or MSD recoveries are higher then their respective upper control limits, the data is not flagged and is not discussed below.

SVOC:
Batch 580-98008: The results for 2,4-dimethylphenol and 4-chloroaniline were qualified as estimated with a low bias ("JL-") due to having low LCS recoveries and acceptable LCSD recoveries. The reanalysis results for these two analytes (as part of batch 580-100426).

vii. Data quality or usability affected? (Use comment box to explain.)

Comments:

The data usability for these results is not been affected. Results qualified with a "JL-" may be biased low.

c. Surrogates – Organics Only

i. Are surrogate recoveries reported for organic analyses – field, QC and laboratory samples?

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Accuracy – All percent recoveries (%R) reported and within method or laboratory limits? And project specified DQOs, if applicable. (AK Petroleum methods 50-150 %R; all other analyses see the laboratory report pages)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. Do the sample results with failed surrogate recoveries have data flags? If so, are the data flags clearly defined?

☐Yes ☐ No ♦NA (Please explain.) Comments:

No data flags were required.

iv. Data quality or usability affected? (Use the comment box to explain.)

Comments:

The data quality and usability were not affected.

d. Trip blank – Volatile analyses only (GRO, BTEX, Volatile Chlorinated Solvents, etc.): Water and Soil

i. One trip blank reported per matrix, analysis and for each cooler containing volatile samples? (If not, enter explanation below.)

♦Yes ☐ No ☐NA (Please explain.) Comments:

ii. Is the cooler used to transport the trip blank and VOA samples clearly indicated on the COC? (If not, a comment explaining why must be entered below)

♦Yes ☐ No ☐NA (Please explain.) Comments:

iii. All results less than PQL?

♦Yes ☐ No ☐NA (Please explain.) Comments:

All trip blank results were less than the LOD.

iv. If above PQL, what samples are affected?

Comments:

N/A

v. Data quality or usability affected? (Please explain.)

Comments:

The data quality and usability were not affected.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

☐Yes ♦ No ☐NA (Please explain.) Comments:

ii. Submitted blind to lab?

☐Yes ☐ No ♦NA (Please explain.) Comments:

Field duplicate samples were not submitted with this SDG.

iii. Precision – All relative percent differences (RPD) less than specified DQOs? (Recommended: 30% water, 50% soil)

RPD (%) = Absolute value of: $\frac{(R_1-R_2)}{((R_1+R_2)/2)} \times 100$

Where R_1 = Sample Concentration
R_2 = Field Duplicate Concentration

☐Yes ☐ No ☐NA (Please explain.) Comments:

Field duplicate samples were not submitted with this SDG.

iv. Data quality or usability affected? (Use the comment box to explain why or why not.)

Comments:

Field duplicate samples were not submitted with this SDG.

f. Decontamination or Equipment Blank (If not used explain why).

☐Yes ♦ No ☐NA (Please explain.) Comments:

Dedicated sampling equipment is used.

i. All results less than PQL?

☐Yes ☐ No ♦NA (Please explain.) Comments:

NA

ii. If above PQL, what samples are affected?

Comments:

NA

iii. Data quality or usability affected? (Please explain.)

Comments:

7. <u>Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)</u>

a. Defined and appropriate?

♦Yes ☐ No ☐NA (Please explain.) Comments:

ATTACHMENT B-4

Laboratory Deliverables

(Provided separately on CD)

APPENDIX C

Field Logbooks and Groundwater Monitoring Sheets

Spring 2011

Fall 2011

Spring 2011 Sampling Event

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...for outdoor writing people."

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BOOK 1 of 3

AKERS-UR-05F507-H04-0025

0830 ARRIVE ONSITE TO
SAMPLE MW 40 & MW78
1130 BREAK FOR LUNCH
1230 ARRIVE ONSITE TO SAMPLE
MW39 & MW 79
SEE ASU GROUNDWATER DATA
SHEETS
1655 DEPART SITE FOR

Scale: 1 square = _____

7/12/11
0700 Tailgate
0730 Calibration checks on YSI's
at 16-20°C SpeC 7630-7970 µS/cm
Orp 222-252 mV
pH 6.8-7.2

YSI556 SpeC 7796 µS/cm
Orp 252.8 mV
pH 7.19
DO 98.1 %
YSI 556-02 SpeC 7969 µS/cm
Orp 252.2 mV
pH 6.91
DO 94.4%

Scale: 1 square = _____

7/13/11

0700 Tailgate

0725 calibration check YSI's

at 16-20°C Spec 7630-7970 µS/cm

Orp 222-252 mV

pH 6.8-7.2

YSI-556 Spec 7217 µS/cm

Orp 259.1 mV

pH 7.22

DO 98.8 %

YSI-556-02 Spec 7800 µS/cm

Orp 249.9 mV

pH 7.22

DO 108.4%

Scale: 1 square = _____

7/14

0700 Tailgate

0715 calibrate YSI

pH 4.00 @ 20°C, 7.02 @ 20°C

ORP 240mV @ 25°C

Spec ~~1417~~ 1278 µS/cm @ 20°C

YSI 556 pH 4.00

6.99

Orp 240 mV

Spec 1278 µS/cm

DO 98.5% mmHg 747.1

YSI-556-02 pH 4.00

7.00

ORP 240 mV

Spec 1.278 mS/cm

DO 99.6% mmHg 757.0

Scale: 1 square = _____

7/15/11

0700 Tailgate

0715 Calibration check YSI's

~~YSI~~

at 16-20°c Spec 7630-7970 µS/cm

Orp 222-252 mV

pH 6.8-7.2

YSI-556 Spec 7799 µS/cm

Orp 243.2 mV

pH 7.20

DO 102.3%

Scale: 1 square = _____

7/16/11

0700 ~~Cr~~ Tailgate

0740 Calibrate new YSI

cal-check on oth YSI's

cal-check at 16-20°c Spec 7630-7970 µS/cm

~~YSI-556~~

Orp 222-252 mV

pH 6.8-7.2

YSI 556 gray Spec 8392 ~~rate~~ recalibrated Spec ~~1413~~ 1278

Orp 239

pH 6.96

DO 98.1 29.37 in Hg

YSI 556-02 gray Spec 8.440 1.278

Orp 238.7

pH 6.96

DO 99.6 ~~29~~ 756.5 mmHg

			reading
YSI 556 Black	calibrat. pH	4.00 at 20°c	4.00
	pH	7.02 at 20°c	7.02
	Orp	240 mV	240.0
	Spec	1,000 µS/cm	1006
	DO	29.39 in Hg	98.2

Scale: 1 square = _____

7/18

Tailgate 0700

0725 Calibrate YSIs

pH at 20°C 4.00 pH at 20°C 7.02

Orp at 20°C 237.5

Spec 1,000 µS/cm at 20°C

YSI 556 pH 4.00 7.02

gray Orp 237.5 mV

Spec 1000 µS/cm

DO 98.4% 746.7 mm Hg

YSI 556-02 pH 4.00 7.02

Orp 237.5 mV

Spec 1.000 mS/cm

DO 99.6% 757.3 mm Hg

Scale: 1 square = _____

7/19

0700 Tailgate

0725 Calibration check YSI's

at 16-20°C Spec 7620-7970 µS/cm

Orp 222-252 mV

pH 6.8-7.2

YSI-556 pH 6.60

gray Orp 251.9 mV

Spec 8138 µS/cm

YSI-556-02 pH 7.09

Orp 253.0 mV

Spec 8.195 mS/cm

Scale: 1 square = _____

7/20

0700 Tailgate
0725 Calibration check YSI's
at 16-20°C pH 6.8-7.2
Spec 7630-7970 µS/cm
Orp 222-252 mV

YSI-556-02 pH 7.35
Spec 7,874 mS/cm
Orp 253.5 mV
DO 116.0%

YSI-556 pH 6.89
grab Spec 7706 µS/cm
Orp 253,5 mV
DO 108.8%

YSI-556 pH 7.17
stack Spec 8103 µS/cm
Orp 252.3 mV
DO 110.3%

Scale: 1 square = _____

7/21

0700 Tailgate
0725 Calibration check YSI's
at 16-20°C pH 6.8-7.2
Spec 7630-7970 µS/cm
Orp 222-252 mV

YSI-556 pH 7.04
grab Spec 9013 µS/cm
orp 242.0 mV
DO 99.0%

1300 ARRIVE @ TAILGATE TO
COLLECT WASTE SAMPLE
FROM SEWAGE LIFT STATION
WAIT FOR KT & CO AFTER
LOCATING STATION.
KT TO CONTINUE SAMPLING
DMW. SEE LOG SHEETS
1340 COLLECT 11FMA-TAILG-WX01
x9 VOA AK101; SW8260/8260SIM
x3 VOA 8015 PROPYLENE &
ETHYLENE GLYCOL
x12 1L SW8270/8270SIM; 8151;
8081; 8082; 8321
x2 1L AK102/103

Scale: 1 square = _____

1600 ARRIVE BACK ONSITE
TO COLLECT DEPTHS
MW 92
DEPTH TO ~~GW~~ GH_2O ~15.69'
TOTAL DEPTH TO BE
VERIFIED WITH LAST YEARS
SHEETS. INTERFACE PROBE
ONLY 100'
1610 CHECK DEPTH @ SLS
TO GH_2O: 12.46'
TOTAL DEPTH: 17.40'
READINGS COLLECTED FROM
TOP OF ORANGE SAFETY GRATE.

Scale: 1 square = _____

TAKU RESPONSE 7/27

1525 - Calibrate PID

Scale: 1 square = _____

Site Name: TAKU	Well ID: MW03	**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☐ Monitor ☐ Extraction	pH ± 0.1
Project #: 05ESP 70 Min 18	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/14/11		
Start Time: 0815		
Finish Time: 1010	Well Integrity: ☐ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: JY/KT		
PID Reading: 0.0 B2/WC		Turbidity ±10% NTU
Weather Conditions: SUNNY		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: ~~0835~~ 0840	Depth to Product: N/A	**Purging Equipment**
Finish Time: 915	Depth to GW: 14.21'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 23.33'	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0900	2	7.13	0.348	4.19	11.6	0.31	-90.4	14.25'
0905	2.5	7.13	0.347	4.16	5.33	0.30	-90.4	14.25'
0910	3.0	7.14	0.348	4.19	2.99	0.27	-93.5	14.25'
0915	3.5	7.14	0.348	4.23	2.78	0.26	-96.1	14.25'

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☑ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/14	**Sampling Equipment**
Start Time: 915	☐ Bailer
Finish Time: 1010	☐ Submersible Pump
Depth of Tubing: 18'	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW03-0905		AK101 / 8260 / 8260SIM		
		AK102 / 103		
		SW8270 / 8270SIM / 8151 / 8081 / 8082		
		SW6020 / 7471		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

SW 8081 DUP MS/D

Site Name: Taku	Well ID: MW-06A		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/14/11			
Start Time: 1055	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1230			
Sampled By: KT/JY			Turbidity ±10% NTU
PID Reading: well 14.9ppm B 20.0ppm			
Weather Conditions: sunny 60°F			
Probe Type: ☐ Oil/Water Interface ☑ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☑ 0.17 ☐ 0.66	Casing Radius² (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1055	Depth to Product: N/A	**Purging Equipment**
Finish Time: 1230	Depth to GW: 14.64ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.72ft	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged 4.5 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15	1.25	8.01	313	4.74	15.3	0.95	-94.5	0.0
20	1.75	7.71	304	4.41	8.75	0.52	-84.8	0.0
25	2.2	7.57	303	4.30	7.87	0.57	-83.6	0.0
30	2.5	7.48	301	4.35	5.55	0.54	-83.1	0.0
35	3	7.35	301	4.38	4.43	0.44	-83.2	0.0
40	3.25	7.25	301	4.44	5.77	0.53	-79.6	0.0
45	3.75	7.20	301	4.35	3.77	0.26	-85.4	0.0
50	4.1	7.19	301	4.39	4.02	0.31	-88.6	0.0
55	4.5	7.18	301	4.31	3.58	0.42	-88.4	0.0

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear floating particles	☐ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☑ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/14/11	**Sampling Equipment**
Start Time: 1155	☐ Bailer
Finish Time: 1230	☐ Submersible Pump
Depth of Tubing: 19ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW06A-GWS	9x40ml VOA	AK101 SW8260 SW8260Sim	4°C HCl	
	2x1 Lamber	AK102/103	4°C HCl	
	1x500ml poly	~~AK~~ SW6010 SW6020	SW7470 4°C HNO_3	
	10x1 Lamber	SW8081A SW8151	SW8270C 4°C	
		SW8270Sim PAH	SW8321	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW08		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50.701	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/12/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 0845			Turbidity ±10% NTU
Finish Time: 1045			
Sampled By: JY/KT			
PID Reading: 0.032 10DWC			
Weather Conditions: Cloudy			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in): ☑ 2 ☐ 4	Gallons/Linear Foot: ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft): ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: ~~08~~ 0900	Depth to Product: N/A	**Purging Equipment**
Finish Time: 0950	Depth to GW: 17.02	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.27	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0915	1.5	6.68	0.360	5.14	3.01	1.50	172.7	17.06
0920	2.0	6.68	0.360	5.23	0.98	1.41	155.4	17.06
0925	2.5	6.69	0.359	5.22	0.36	1.37	136.5	17.06
0930	3.0	6.69	0.357	5.13	0.41	1.36	123.0	17.06
0935	3.5	6.70	0.358	5.03	0.33	1.35	113.4	17.06
0940	4.0	6.71	0.358	5.03	0.46	1.35	106.4	17.06
0945	4.5	6.71	0.355	5.02	0.59	1.36	101.6	17.06
0950	5.0	6.71	0.356	5.04	0.15	1.34	97.6	17.06

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/12	**Sampling Equipment**
Start Time: 0950	☐ Bailer
Finish Time: 1040	☐ Submersible Pump
Depth of Tubing: 19'	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWMMW08-	GWS	AK101 / SW8260	/ SW8260 SIM	
		AK102/103		
		SW8151 / SW	8081 / SW8270	
		SW8270 SIM	/ SW8321	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU Site ID: TAKU Project #: 05550701 Date: 7/20/11 Start Time: 0840 Finish Time: 1025 Sampled By: YT/CT/KT PID Reading: 1 ppm NC / 0.087 Weather Conditions: SUNNY	Well ID: MW12 Well Type: ☑ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	~~☐ 2~~ 3/4	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0850
Finish Time: 0925

Depth to Product: N/A
Depth to GW: 11.05'
Total Depth (T.D.) of Well Casing: 19.35'
Product Thickness: N/A

Purging Equipment
☐ Bailer
☐ Submersible Pump
☑ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/ Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged ± 5.25 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0905	2.0	7.21	0.410	5.27	9.51	0.49	-135.1	11.05
0910	3.0	7.16	0.408	5.30	7.59	0.42	-136.2	11.05
0915	4.0	7.15	0.405	5.27	5.05	0.40	-136.2	11.05
0920	4.5	7.12	0.403	5.26	4.63	0.39	-137.2	11.05
0925	5.25	7.17	0.402	5.32	4.58	0.56	-138.3	11.05

GAL EST ← OFF

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☐ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☑ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☑ Brown	☐ Strong	☑ Yes ☐ No	☑ Hach	

Sampling Information

Date: 7/20/11
Start Time: 0928
Finish Time: 1025
Depth of Tubing: 16'

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW12-GW5	GW5	AK101 / SW8260 / SW8260SIM		
		~~AK102~~ / 103		
		SW8270 / 8270SIM / 8151 / 8081 /		
		8321 /		
		SW6020 / 7471		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
11FWAMW12-GW5		

Site Name: TAKU	Well ID: MW13		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: 05FS0701			Conductivity ± 3%
Date: 7/12/11	Well Material: ☑ PVC ☐ Stainless Steel		
Start Time: 1105			Temp. ±0.2° C
Finish Time:	Well Integrity: ☐ Excellent ☐ Good ☑ Fair ☐ Poor		Turbidity ±10% NTU
Sampled By: M/KT			
PID Reading: 0.0BZ / 0.0WC			
Weather Conditions: CLOUDY			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1110 Finish Time: 1145	Depth to Product: N/A Depth to GW: 14.87 Total Depth (T.D.) of Well Casing: 19.71 Product Thickness: N/A	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1125	1.5	6.89	0.515	3.21	20.1	1.43	-32.1	14.87
1130	2.25	6.89	0.513	3.31	13.1	1.36	-28.5	14.87
1135	3.0	6.86	0.514	3.41	8.83	1.22	-27.5	14.87
1140	3.5	6.84	0.512	3.23	8.86	1.19	-25.6	14.87
1145	4.0	6.82	0.513	3.36	4.87	1.19	-24.0	14.87

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☒ Multimeter	☒ Stored
☒ ~~Brown~~ RED	☐ Strong	☐ Yes ☑ No	☒ Hach	

Sampling Information

Date: 7/12 Start Time: 1145 Finish Time: Depth of Tubing: ~16'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW13- GW3		AK101 / SW8260 / 8260SIM		
		AK102 / 103		
		SW8270 / 8270SIM / 8081 / 8151 / 8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku Site ID: Project #: Date: 7/14/11 Start Time: 0825 Finish Time: 0940 Sampled By: KT/JY PID Reading: well 0.0ppm B 20.0ppm Weather Conditions: sunny 60's	Well ID: MW-26 Well Type: ☑ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0825 Finish Time:	Depth to Product: NA Depth to GW: 13.10 ft Total Depth (T.D.) of Well Casing: 19.70 ft Product Thickness: NA	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged 3.5 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	1	6.77	443	5.23°C	10.9	1.46	66.0	0.10
15	1.25	6.82	438	4.93	5.91	0.80	62.1	0.10
20	1.75	6.87	437	4.89	4.56	0.64	55.0	0.10
25	2.25	6.91	437	4.86	3.97	0.55	51.3	0.10
30	2.75	6.94	436	4.82	3.70	0.54	43.9	0.10
35	3	6.97	435	4.74	3.02	0.55	43.5	0.10

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/14/11 Start Time: 0905 Finish Time: 0940 Depth of Tubing: 16.5 ft	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW26-GWS	9 x 40ml VOA	AK101 SW8260 SW8260SIM	4°C HCl	
	2x1 Lamber	AK102, 103	4°C HCl	
	1x500ml poly	SW6010, 6020 SW7470	4°C HNO_3	
	10x1 Lamber	SW8081A SW8151 SW8270C	4°C	
		SW8270SIM PAHS SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-32	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:		
Date: 7/20/11	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Start Time: 0825		
Finish Time: 0950	Well Integrity: ☐ Excellent ☐ Good	Temp. ±0.2° C
Sampled By: KT/SY/CJ		
PID Reading: well 2.3ppm B20.0ppm	☐ Fair	Turbidity ±10% NTU
Weather Conditions: sunny 50's	☐ Poor	

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0833	Depth to Product: NA	**Purging Equipment**
Finish Time: 0945	Depth to GW: 15.15ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.47ft	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged 3 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	0.75	6.62	398	5.17°C	8.01	1.90	6.3	0.04
15	1.25	6.69	390	5.11	6.66	1.38	-2.0	0.04
20	1.5	6.81	386	5.10	4.97	1.15	-10.7	0.04
25	2	6.89	384	5.02	~~5.2~~ 4.54	0.88	-13.6	0.04
30	2.5	6.93	385	5.06	~~4.1~~ 4.17	0.80	-16.0	0.04

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/20/11	**Sampling Equipment**
Start Time: 0905	☐ Bailer
Finish Time: 0945	☐ Submersible Pump
Depth of Tubing: 18.5ft	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW32-GWS	9x40 ml VOA	AK101 SW8260 SW8260 SIM	4°C HCl	
	2x 1L amber	AK102/103	4°C HCl	
	1x 500ml poly	SW6010, SW6020, SW7470	4°C HNO3	
	10x1L amber	SW8082/A SW8151 SW8270C	4°C	
		SW8270 SIM PAH SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TRICH Site ID: TRICH Project #: Date: 7/20/11 2/23/12 Start Time: 825 Finish Time: Sampled By: CJ/JY/KT PID Reading: 3.5ppm 10.082 Weather Conditions:	Well ID: MW33 Well Type: ☐ Monitor ☐ Extraction Well Material: ☐ PVC ☐ Stainless Steel Well Integrity: ☐ Excellent ☐ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☐ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0832 Finish Time: 910	Depth to Product: N/A Depth to GW: 14.33' Total Depth (T.D.) of Well Casing: 20.45' Product Thickness: N/A	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0850	1	7.05	404	5.58	7.80	0.62	-122.4	14.40
0855	1.5	7.02	402	5.45	5.95	0.50	-115.7	
0900	2	7.02	402	5.30	5.55	0.39	-103.1	
0905	2.5	6.99	403	5.31	6.25	0.35	-113.4	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☐ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☒ Yellow	☒ Moderate	**Sheen?**	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☒ Yes ☐ No	☐ Hach	

Sampling Information

Date: 7/20 Start Time: 0910 Finish Time: 0955 Depth of Tubing: -16.5'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWIAMW33	1L x 10	8081, 8151, 8270, 8270sim, 8321		
GWS	1L x 2	AK102/103	HCl	
	9 x 40mL VOA	AK101, 8260, 8260sim	HCl	
	500mL poly	6010, 6020, 7470	NO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW35		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50701	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/16/11 2/13/12			
Start Time: 0840	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1000			
Sampled By: NY/KT/CJ			Turbidity ±10% NTU
PID Reading:			
Weather Conditions: RAIN			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0845	Depth to Product: N/A	**Purging Equipment**
Finish Time: 0920	Depth to GW: 12.78	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.70'	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0900	1.5	6.91	0.356	3.61	3.97	0.64	113.4	12.82'
0905	2.0	6.91	0.356	3.53	1.35	0.54	106.3	12.82'
0910	2.5	6.91	0.357	3.51	1.04	0.49	99.7	12.82'
0915	3.0	6.91	0.357	3.49	0.77	0.46	94.5	12.82'
0920	3.5	6.92	0.358	3.56	1.00	0.51	90.1	12.82'

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/16/11	**Sampling Equipment**
Start Time: 0925	☐ Bailer
Finish Time: 0957	☐ Submersible Pump
Depth of Tubing: 15'	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW35-	GW S	AK101 / SW8260	/ SW8260 SIM	
		AK102/103		
		SW8270/8270SIM / 8081 / 8151	/ 8321	
		SW6020 / 7471	RCRA	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
/	/	

Site Name: TACU Site ID: TACU Project #: 05FS0701 Date: 7/19/11 Start Time: 0900 Finish Time: 1015 Sampled By: JY/KT PID Reading: 0.0 BZ/WC Weather Conditions: Cloudy	Well ID: MW310 Well Type: ☑ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☐ Excellent ☐ Good ☑ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ±0.1 Conductivity ±3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0915 Finish Time: 0940	Depth to Product: NA Depth to GW: 16.56' Total Depth (T.D.) of Well Casing: 19.85' Product Thickness: NA	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged 4 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0925	1.5	6.99	0.475	9.57	0.93	3.81	75.6	16.67'
0930	2.0	6.93	0.475	9.59	1.03	3.72	65.0	16.67
0935	2.75	6.90	0.474	9.58	1.10	3.72	56.9	16.67
* 0940	3.50	6.89	0.473	9.58	0.56	3.73	55.7	16.67

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/19/11 Start Time: 0942 Finish Time: 1010 Depth of Tubing: 17.5'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FM2AMW310-GW S		AK101/SW8260/8260SIM		
		AK102/103		
		SW8270/8270SIM/8151/8321/8081		
		SW6020/7471		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

* GALLON ESTIMATE OFF. ACTUAL GALLONS APPROX 4

Site Name: Taku	Well ID: MW-37		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 7/16/11	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 0820			
Finish Time: 0940	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT/JY/CJ			
PID Reading:			Turbidity ±10% NTU
Weather Conditions: cloudy drizzle ~~60s~~ 50's			
Probe Type: ☐ Oil/Water Interface ☑ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0830	Depth to Product: NA	**Purging Equipment**
Finish Time: 0940	Depth to GW: 14.14 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.78 ft	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged 3.25 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	1	6.50	370	10.19	5.55	2.56	62.8	0.05
15	1.5	6.49	370	10.01	3.63	2.02	65.9	0.05
20	2	6.56	369	9.98	3.31	1.92	60.1	0.05
25	2.5	6.60	369	9.97	2.75	1.88	55.8	0.05
30	3	6.63	369	9.97	2.29	2.01	52.1	0.05

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/16/11	**Sampling Equipment**
Start Time: 0905	☐ Bailer
Finish Time: 0940	☐ Submersible Pump
Depth of Tubing: 17.5 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW37-GWS	9X 40ml VOA	AK101 SW8260 SW8260 Sim	4°C HCl	
	2X1L amber	AK102/103	4°C HCl	
	1X500ml poly	SW6010, SW6020, SW 9470	4°C HNO_3	
	10X1L amber	SW8081A SW8151 SW8270C	4°C	
		SW8270 Sim PAH SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: JACU	Well ID: MW38		**Acceptable Range for Field Parameters**
Site ID: JACU	Well Type: ☑ Monitor ☐ Extraction		pH ±0.1
Project #: 05E50701			
Date: 7/14/11 OS 4/25/12	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ±3%
Start Time: 1400			
Finish Time: 1530	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: NKT			
PID Reading: well 1.0ppm			Turbidity ±10% NTU
Weather Conditions: OVERCAST			
Probe Type: ☐ Oil/Water Interface ☑ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius² (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1408 Finish Time: 1445	Depth to Product: N/A Depth to GW: 13.44' Total Depth (T.D.) of Well Casing: 19.85' Product Thickness: N/A	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1425	1.5	7.22	0.407	5.17	3.69	0.45	109.4	13.47'
1430	2.0	7.32	0.409	5.27	3.58	0.34	-110.5	13.47
1435	2.5	7.35	0.408	5.14	4.19	0.41	-107.8	13.47
1440	3.0	7.37	0.409	5.18	2.92	0.42	-108.5	13.47
1445	3.5	7.39	0.409	5.14	2.19	0.43	-107.4	13.47

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☒ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☒ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☒ Hach	

Sampling Information

Date: 7/14 Start Time: 1445 Finish Time: 1525 Depth of Tubing: 17'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW38-GW5		SW 8260/8260SIM/AK101		
		AK102/103		
		SW8270/8270SIM/8151/8081		
		8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW39		Acceptable Range for Field Parameters
Site ID: TAKU	Well Type: ☑ Monitor ☐ Extraction		pH ±0.1
Project #: 05F5070 i			Conductivity ±3%
Date: 7/11/11	Well Material: ☑ PVC ☐ Stainless Steel		
Start Time: 1245			
Finish Time: 1645	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: JY/ET/DH			
PID Reading: 1.082 / 10.0 NC			Turbidity ±10% NTU
Weather Conditions: SUNNY			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius² (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1255	Depth to Product: N/A	Purging Equipment
Finish Time: 1351	Depth to GW: 15.08	☐ Bailer
	Total Depth (T.D.) of Well Casing: 32.10	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (____ - ____) = (____) * (____) = (____) * 3 = (____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged ____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1310	1	7.59	0.354	8.89C	18.7	0.37	-128.3	15.10
1320	2	7.42	0353	8.70	8.40	0.33	-120.8	15.10
1325	2.75	7.38	0.358	9.10	5.24	0.30	-128.2	15.10
1330	3.5	7.39	0.352	8.85	2.35	0.29	-130.8	15.10
1337	4.0	7.36	0.353	8.84	2.00	0.28	-128.7	15.10
1340	4.5	7.37	0.353	8.81	5.08	0.260	-120.4	15.10
*1345	4.5	7.35	0.352	8.74	2.33	0.25	-114.4	15.10
1351	5.0	7.31	0.353	8.79	2.45	0.24	114.7	15.10

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Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☐ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☑ Yellow	☑ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/11/11	Sampling Equipment
Start Time: 1355	☐ Bailer
Finish Time: 1645	☐ Submersible Pump
Depth of Tubing: ~~25~~ 22'	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW39-GWS	GWS	GW8081; 8151	4C	ALL
11FWAMW39-GWRS	GWRS	8321, 8270, 8270SIM		
11FWA MW39-GWMSS	AL102/103	AL102/103	4C-HCL	
11FWA MW39-GWSDS	AL101, GW8260, 8260SIM			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU Site ID: TAKU Project #: 05F50701 Date: 7/11/11 Start Time: 0930 Finish Time: Sampled By: JY/KT/DH PID Reading: 0.0BZ 0.0WC Weather Conditions: SUNNY	Well ID: MW40 Well Type: ☐ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ±0.1 Conductivity ±3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0940 Finish Time: 1000	Depth to Product: N/A Depth to GW: 15.58 Total Depth (T.D.) of Well Casing: 51.00 Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0950	1.5	7.29	0.332	7.27	11.1	0.40	-116.5	15.70
0955	2.0	7.30	0.332	7.29	10.3	0.34	-117.2	15.70
1000	2.5	7.30	0.332	7.34	10.7	0.31	-117.0	15.70

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☑ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/11 Start Time: 1005 Finish Time: 1050 Depth of Tubing: ≈37'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW40-GWS	12 x 1 liter	SW 8081A [illegible]	None	
~~11F[illegible]~~	2 x 1 liter	Am102/10W	HCl	
	9 x VOA	Am101 SW 8260	HCl	
	1 x 500mL	SW 6010/6020/7470	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW43	**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #: 05F30701	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/14/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1035		Turbidity ±10% NTU
Finish Time: 1200		
Sampled By: JY/KT		
PID Reading: 0.0 BZ/WC		
Weather Conditions: SUNNY		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1045	Depth to Product: N/A	**Purging Equipment**
Finish Time: 1120	Depth to GW: 13.45	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.80	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1105	2.0	7.58	0.396	4.38	7.40	0.32	-101.5	13.45'
1110	2.5	7.52	0.396	4.41	5.61	0.34	-102.7	13.45'
1115	3.0	7.51	0.397	4.43	4.17	0.28	-107.0	13.45'
1120	3.50	7.50	0.397	4.45	3.69	0.23	-106.4	13.45'

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ ~~Brown~~ RED	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/14	**Sampling Equipment**
Start Time: 1120	☐ Bailer
Finish Time: 1200	☐ Submersible Pump
Depth of Tubing: ~15'	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW43-GWS		AK101 / SW8260 / 8260SIM		
		AK102/103		
		SW8270 / 8270SIM / 8081 / 8151 / 8321		
		SW6020 / 7471		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-45	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/14/11		
Start Time: 1400		
Finish Time: 1545	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: KT/JY		
PID Reading: well 0.2 ppm		Turbidity ±10% NTU
Weather Conditions: partly sunny 60's		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1410	Depth to Product: NA	**Purging Equipment**
Finish Time: 1545	Depth to GW: 13.86 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.5 ft	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15	1	7.78	367	6.54°C	39.5	0.63	-95.7	0.04
20	1.25	7.71	361	6.40	29.3	0.41	-87.3	0.04
25	1.75	7.59	358	6.16	18.6	0.36	-81.8	0.04
30	2.2	7.48	358	6.23	10.9	0.36	-81.6	0.04
35	2.5	7.39	360	6.33	8.37	0.27	-82.7	0.04
40	3	7.28	362	6.46	6.17	0.21	-85.0	0.04
45	3.4	7.19	363	6.45	4.73	0.27	-84.1	0.04
50	3.8	7.11	362	6.34	4.92	0.39	-84.0	0.04
55	4.2	7.04	363	6.13	4.55	0.35	-82.9	0.04

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/14/11	**Sampling Equipment**
Start Time: 1510	☐ Bailer
Finish Time: 1545	☐ Submersible Pump
Depth of Tubing: 15.5 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAmw45-Gw3	4x40 ml VOA	AK101 SW8260 SW8260SIM	4°C HCl	
	2x1L amber	AK102/103	4°C HCl	
	1x500 ml poly	SW6010, SW6020, SW	7470 4°C HNO_3	
	10x1L amber	SW8081A SW8151 SW8270C	4°C	
		SW8270 SIM PAH	SW8321	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-47		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 7/12/11	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 0905			
Finish Time: 1020	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT/JY			
PID Reading: B20.0 ppm well 1.0ppm			Turbidity ±10% NTU
Weather Conditions:			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0905	Depth to Product: NA	**Purging Equipment**
Finish Time:	Depth to GW: 14.78	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.81	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10		6.93	274	4.89°c	8.27	4.75	191.1	0.08
15		6.99	274	4.86	2.56	2.00	181.0	0.08
20		7.01	275	4.83	0.95	1.77	170.1	0.08
25		7.03	276	4.85	0.90	1.97	158.1	0.08
29		7.05	279	4.95	0.88	2.02	151.2	0.08
32	4	7.06	280	4.96	0.63	2.00	~~147.2~~	0.08
							157.2	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/12/11	**Sampling Equipment**
Start Time: 0940	☐ Bailer
Finish Time: 1020	☐ Submersible Pump
Depth of Tubing: 17.5ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAmw47-GW5	9x 40ml VOA	AK101 SW8260 SW8260	Sim 4°c HCl	
	2x 1L amber	AK101/102	4°c HCl	
	~~10~~ 1x 500ml poly	SW6010, SW6020, SW 7470	4°c HNO3	
	10x 1L amber	SW8081A SW8157 SW 8270c	4°c	
		SW8270SIm PAH SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TRICU	Well ID: MW 48		Acceptable Range for Field Parameters
Site ID: TRICU	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50701	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/12/11	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1400			Turbidity ±10% NTU
Finish Time: 1535			
Sampled By: JY/KT			
PID Reading: 0.0 BZ/WC			
Weather Conditions: CLOUDY			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in): ☒ 2 ☐ 4	Gallons/Linear Foot: ☐ 0.17 ☐ 0.66	Casing Radius² (ft): ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1408	Depth to Product: N/A	Purging Equipment
Finish Time: 1450	Depth to GW: 14.77	☐ Bailer
	Total Depth (T.D.) of Well Casing: 24.29	☐ Submersible Pump
	Product Thickness: N/A	☒ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1420	1	7.23	0.377	5.35	3.53	6.00	43.2	14.85
1425	1.5	7.21	0.376	5.24	2.05	5.80	36.4	14.84
1430	2.0	7.18	0.372	5.25	1.11	5.77	29.2	14.84
1435	2.5	7.16	0.374	5.22	1.04	6.23	21.0	14.84
1440	3.0	7.14	0.372	5.17	0.77	5.79	16.5	14.84
1445	3.5	7.12	0.370	5.23	0.79	5.38	12.6	14.84
1450	4.0	7.12	0.373	5.31	0.68	5.21	10.8	14.84

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☒ Hach	

Sampling Information

Date: 7/12	Sampling Equipment
Start Time: 1450	☐ Bailer
Finish Time: 1535	☐ Submersible Pump
Depth of Tubing: 17	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW48-GW5		AK101 / SW8260 / 8260SIM		AK
		AK102/103		
		SW8270 / 8270SIM / 8151		
		8081 / 8321		
		SW6020 / 7471		RCRA

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-53		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 7/13/11	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 0820			
Finish Time: 0945	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT/SY			
PID Reading: well 1.1ppm BZ 0.0ppm			Turbidity ±10% NTU
Weather Conditions: cloudy 60's			
Probe Type: ☐ Oil/Water Interface ☑ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0820 Finish Time: 0945	Depth to Product: NA Depth to GW: 14.74 Total Depth (T.D.) of Well Casing: 20.88 Product Thickness: NA	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged 3.25 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15	1	6.65	319	3.23	3.70	1.23	72.9	0.04
20	1.5	6.68	318	3.20	1.68	1.29	70.2	0.04
25	1.9	6.70	316	3.25	1.15	1.45	65.7	0.04
30	2.25	6.71	315	3.18	0.95	1.59	63.2	0.04
35	2.9	6.72	318	3.35	0.80	1.69	62.2	0.04
40	3.25	6.72	319	3.32	0.56	1.63	61.2	0.04

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/13/11 Start Time: 0905 Finish Time: 0945 Depth of Tubing: 17ft	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW53-GWS	90x40ml VOA	AK101, SW8260, SW8260SIM	4°C HCl	
	2x1L amber	AK102/103	4°C HCl	
	1x500ml poly	SW6010, SW6020, SW7470	4°C HNO3	
	10x1L amber	SW8081A SW8151	SW8270C 4°C	
		SW8270SIMPAH SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TRCH	Well ID: MW56		**Acceptable Range for Field Parameters**
Site ID: TRCH	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50701	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/20/11			
Start Time: 1040			
Finish Time: 1300	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: JY/RT/CS			
PID Reading: 0.2WC/0.0BZ			Turbidity ±10% NTU
Weather Conditions: SUNNY			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1048	Depth to Product: N/A	**Purging Equipment**
Finish Time: 1130	Depth to GW: 12.71'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.61'	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1105	2.5	7.46	0.439	4.76	12.7	0.65	-111.7	12.80'
1110	3.0	7.43	0.437	4.60	8.63	0.57	-112.6	12.80'
1115	4.0	7.42	0.435	4.53	5.42	0.49	-113.6	12.80'
1120	4.75	7.39	0.436	4.59	3.20	0.49	-114.4	12.80'
1125	5.50	7.33	0.436	4.50	4.09	0.51	-114.8	12.80'
1130	6.0	7.31	0.435	4.53	2.63	0.49	-116.0	12.80

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☐ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☑ ~~Brown~~ RED	☐ Strong	☐ Yes ☐ No	☑ Hach	

Sampling Information

Date: 7/20/11	**Sampling Equipment**
Start Time: 1132	☐ Bailer
Finish Time: 1156	☐ Submersible Pump
Depth of Tubing: 15	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11EW-MW56	1GWS	PAC 1021/103		
		SW8270 / 8270SIM / 8151 / 8081 / 8326		
		SW8260 / 8260SIM		
		SW6020 / 7471		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-57		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 7/12/11	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 1100			
Finish Time: 1230	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT/JY			
PID Reading: BZ 0.0ppm well 0.0ppm			Turbidity ±10% NTU
Weather Conditions: cloudy 60's			
Probe Type: ☐ Oil/Water Interface ☑ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1100 Finish Time: 1230	Depth to Product: NA Depth to GW: 15.51 Total Depth (T.D.) of Well Casing: 20.27 Product Thickness: NA	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15		6.92	289	2.94°C	9.70	7.11	125.0	0.07
20		6.92	290	2.92	10.3	7.26	105.1	0.07
25		6.92	292	3.05	7.54	7.16	97.4	0.07
30		6.93	294	2.94	6.93	6.66	88.7	0.07
35		6.93	296	3.06	5.88	6.67 ~~5.88~~ KT	84.6	0.07
40		6.94	298	3.14	5.76	6.78	81.3	0.07
45	3	6.94	298	3.07	4.48	6.70	77.6	0.07

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/12/11 Start Time: 1145 Finish Time: 1230 Depth of Tubing: 17.5ft	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW57-GWS	3 x 40 ml VOA	AK101 SW8260 SW8260 SIM	4°C HCl	
	2 x 1L amber	AK102/103	4°C HCl	
	1 x 500ml poly	SW6010 SW6020 SW7470	4°C HNO3	
	10 x 1L amber	SW8081A SW8151 SW8270C	4°C	
		SW8270 SIM PAH SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MWS8	Well ID: MWS8		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F59701	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/16/11			
Start Time: 0830	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time:			Turbidity ±10% NTU
Sampled By: CT/KT/JY			
PID Reading:			
Weather Conditions: Rainy slight breeze			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in): ☒ 2 ☐ 4	Gallons/Linear Foot: ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft): ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0837	Depth to Product: —	**Purging Equipment**
Finish Time: 0910	Depth to GW: 12.541	☐ Bailer
	Total Depth (T.D.) of Well Casing: 18.99	☐ Submersible Pump
	Product Thickness: —	☒ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0853	2.5	6.60	371	3.80	13.1	2.25	-2.7	
0900	3.5	6.62	369	3.80	5.9	2.03	-14.6	
0905	4.5	6.65	364	3.72	4.82	1.73	-23.3	
0910	5	6.67	362	3.74	2.13	1.52	-26.2	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☐ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☒ Cloudy	☒ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☐ Hach	

Sampling Information

Date: 7/16	**Sampling Equipment**
Start Time: 0915	☐ Bailer
Finish Time:	☐ Submersible Pump
Depth of Tubing:	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMWS8 -	1L x 10	SW8151, 8081, 8270, 8270SIM, 8321		
GWS	1L w/HCl x2	AK 102/103		
	500 w/NO3	6010, 6020, 7471		
	VOA w/HCl	AK101, 8260, 8260SIM		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-61	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☑ Extraction	pH ± 0.1
Project #:		
Date: 7/20/11	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Start Time: 1020		
Finish Time: 1220	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: KT/SY/CT		
PID Reading: well 0.3ppm B20.0ppm		Turbidity ±10% NTU
Weather Conditions:		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1032	Depth to Product: NA	**Purging Equipment**
Finish Time: 1215	Depth to GW: 13.63 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.12 ft	☐ Submersible Pump
	Product Thickness: NA	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged_____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
20	1.5	7.50	490	4.98°C	20.3	1.52	-58.2	0.07
25	2	7.66	485	4.78°C	13.2	1.35	-64.7	0.07
30	2.25	7.70	483	4.65°C	9.56	1.26	-67.0	0.07
35	2.5	7.72	480	4.61	7.53	0.42	-68.0	0.07
40	3	7.72	482	4.66	5.43	0.44	-69.8	0.07
45	3.25	7.73	483	4.53	3.81	0.80	-70.6	0.07
50	3.75	7.72	484	4.61	3.55	0.85	-70.0	0.07
55	4	7.72	483	4.56	3.78	1.04	-69.3	0.07

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/20/11	**Sampling Equipment**
Start Time: 1130	☐ Bailer
Finish Time: 1215	☐ Submersible Pump
Depth of Tubing: 16 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW61-GWS	9x40ml VOA	AK101 SW8260 SW8260Sim	4°C HCl	
	2x1L amber	AK102/103	4°C HCl	
	1x500ml poly	SW6010, SW6020 SW7470	4°C HNO$_3$	
	10x1L amber	SW8081A SW8151 SW8270C	4°C	
		SW8270Sim PAH SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW62	**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☒ Monitor ☐ Extraction	pH ±0.1
Project #: 05F5070 1	Well Material: ☒ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 6/21/11	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 0835		Turbidity ±10% NTU
Finish Time: 1305		
Sampled By: JY / DH		
PID Reading: WC: 0.9 BZ 0.1		
Weather Conditions:		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☒ Oil/Water Interface	☒ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0842	Depth to Product:	**Purging Equipment**
Finish Time: 0936	Depth to GW: 13.91	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.09	☐ Submersible Pump
	Product Thickness:	☒ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0865	0.5	6.88	0.397	5.34	50.1	0.95	-39.7	13.92
0900	0.75	6.89	0.390	5.34	56.9	0.89	-34.7	13.92
0910	1.25	6.92	0.390	5.41	25.9	0.84	-32.5	13.92
0915	2.00	6.92	0.387	5.37	13.1	0.67	-34.1	13.92
0920	2.5	6.92	0.386	5.38	8.06	0.67	-34.3	13.92
0925	2.75	6.92	0.384	5.29	6.40	0.64	-33.4	13.92
0930	3.00	6.92	0.382	5.44	3.82	0.51	-32.4	13.92
0935	3.25	6.92	0.384	5.44	2.77	0.612	-33.5	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☒ Yes ☒ No	☒ Hach	

Sampling Information

Date: 6/21/11	**Sampling Equipment**
Start Time: 0936	☐ Bailer
Finish Time: 1303	☐ Submersible Pump
Depth of Tubing: -16	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWA - TAKU - MW62	x32 1L UNP		SW6270/6270SIM,	SW8151; SW8081
11FWA - TAKU - MW62D	x8 1L HCL		AK102/103	
	x24 VOA HCL		AK101 ; SW8260	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

MS/D DUP

Site Name: Taku	Well ID: mw-64	**Acceptable Range for Field Parameters**
Site ID: ~~TAKU~~	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #: 05F30701	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/15/11		
Start Time: ~~08~~ XT 0750	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time: 1120		
Sampled By: JM/KT		Turbidity ±10% NTU
PID Reading: 0.0 ppm well 0.0 ppm		
Weather Conditions: overcast 60's		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: ~~0855~~ 0755 XT	Depth to Product: NA	**Purging Equipment**
Finish Time: 1120	Depth to GW: 13.36 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.00 ft	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15	1.25	7.25	360	5.42	16.9	1.62	-105.7	0.05
20	1.75	7.26	356	5.01	9.47	1.11	-100.2	0.05
25	2.25	7.28	354	5.04	6.54	1.28	-98.5	0.05
30	2.75	7.32	353	5.01	4.58	1.38	-99.4	0.05
35	3.25	7.34	353	5.04	4.20	1.41	-100.4	0.05
40	3.5	7.35	353	5.04	2.87	1.38	-100.4	0.05

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☑ ~~Brown~~ RED	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/15	**Sampling Equipment**
Start Time: 0840	☐ Bailer
Finish Time: 1120	☐ Submersible Pump
Depth of Tubing: 17 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW64-GWS		AK101/SW 8260/8260SIM		
		AK102/03		
		SW 8270/8270SIM/8151/8081/8321		
		SW6020/7471 RCRA		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
11FWAMW64-GWBS	11FWAMW64-GWS	
DUP	~~MS~~ MS/D	

Site Name: Taku	Well ID: mw-69		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			Conductivity ± 3%
Date: 7/12/11	Well Material: ☑ PVC ☐ Stainless Steel		
Start Time: 1415			
Finish Time: 1555	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT/SY			
PID Reading: BZ 0.0ppm Well 0.0ppm			Turbidity ±10% NTU
Weather Conditions:			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1415	Depth to Product: NA	**Purging Equipment**
Finish Time: 1555	Depth to GW: 13.61	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.15	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (20.15 - 13.61) = (6.54) * (0.17) = (1.1118) * 3 = (3.3354)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged 5 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15		7.38	230	4.91	58.0	1.14	-37.5	0.03
20		7.34	232	4.97	40.6	0.88	-33.8	0.03
25		7.33	233	4.92	66.8	0.90	-33.7	0.03
30		7.32	234	4.90	47.2	0.81	-33.6	0.03
35		7.31	234	4.94	31.4	0.84	-32.4	0.03
40		7.30	234	4.93	25.1	0.90	-31.7	0.03
45		7.26	233	4.65	21.5	0.97	-30.3	0.03
50	5	7.28	232	4.70	21.0	0.84	-30.8	0.03

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/12/11	**Sampling Equipment**
Start Time: 1510	☐ Bailer
Finish Time: 1555	☐ Submersible Pump
Depth of Tubing: 17 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAmw69-GWS	9x40ml VOA	AK101 SW8260 SW8260 SIM	4°C HCl	
	2x1L amber	AK102/103	4°C HCl	
	1x500ml poly	SW6010/SW6020/SW7470	4°C HNO_3	
	10x1L amber	SW8081A SW8151 SW8270C	4°C	
		SW8270 SIM PAH SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW70		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50 70			Conductivity ± 3%
Date: 7/13/11	Well Material: ☒ PVC ☐ Stainless Steel		
Start Time: 0810			Temp. ±0.2° C
Finish Time: 0930	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Sampled By: SY/KT			
PID Reading: 0.0 132/WC			
Weather Conditions: CLOUDY			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☒ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0820	Depth to Product: N/A	**Purging Equipment**
Finish Time: 0845	Depth to GW: 14.35'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.15'	☐ Submersible Pump
	Product Thickness: N/A	☒ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0835	1	6.98	.385	4.33	3.99	0.45	5.5	14.35
0840	1.5	6.96	.386	4.40	1.91	0.37	3.8	14.34
0845	2	6.95	.386	4.42	1.44	0.33	2.8	14.34

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☒ Hach	

Sampling Information

Date: 7/13	**Sampling Equipment**
Start Time: 0847	☐ Bailer
Finish Time: 0930	☐ Submersible Pump
Depth of Tubing: ~17	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW70-GWS		AK101/8260/8260SIM		ALL
		AK102/103		
		SW8270/8270SIM/8151/8081/8321		
		SW6020/7471	RCRA	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: mw-96	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☑ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/13/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1250		Turbidity ±10% NTU
Finish Time: 1415		
Sampled By: KT/SY		
PID Reading:		
Weather Conditions: partly cloudy 60°F		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1250	Depth to Product: NA	**Purging Equipment**
Finish Time: 1415	Depth to GW: 14.52 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.43 ft	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (20.43 - 14.52) = (5.91) * (0.17) = (1.0047) * 3 = (3.0141)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged 3.25 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
20	1.25	7.26	514	3.33	28.4	0.75	-5.5	0.05
25	2	7.15	520	3.35	15.3	0.63	-10.4	0.05
30	2.5	7.05	519	3.40	10.2	0.55	-14.3	0.05
35	3	7.21	519	3.36	5.44	0.38	-20.1	0.05

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/13/11	**Sampling Equipment**
Start Time: 1330	☐ Bailer
Finish Time: 1415	☐ Submersible Pump
Depth of Tubing: 16.5 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAmw76-GWS	9 x 40ml VOA	AK101 SW8260 SW8260 6im	4°C HCl	
	2 x 1L amber	AK102/103	4°C HCl	
	1 x 500 ml poly	AS W6010/6020 SW7470	4°C HNO3	
	10 x 1L amber	SW8081A SW8082 SW8151	4°C	
		SW8270C SW8270 SIM PAH		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-77		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			
21 Date: 7/21/11 2/23/12 CS	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 0805			
Finish Time: 0945	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT/CS			
PID Reading: well 1.1ppm B20.0ppm			Turbidity ±10% NTU
Weather Conditions:			
Probe Type: ☐ Oil/Water Interface ☑ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius² (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0810	Depth to Product: NA	**Purging Equipment**
Finish Time: 0940	Depth to GW: 16.91 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.57 ft	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged 3 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	0.75	6.38	754	5.39°C	25.2	1.74	25.5	0.11
15	1.25	6.41	728	5.14	8.50	1.13	13.2	0.11
20	1.75	6.44	726	5.17	8.09	0.91	5.3	0.11
25	2.25	6.49	719	5.03	6.02	0.78	0.5	0.11
30	2.75	6.51	717	5.04	7.94	0.83	0.5	0.11

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☐ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☑ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/21/11	**Sampling Equipment**
Start Time: 0845	☐ Bailer
Finish Time: 0940	☐ Submersible Pump
Depth of Tubing: 21.5 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW77-GWS	9x40ml VOA	AK101 SW8260 SW8260 Sim	4°C HCl	
	2x1L amber	AK102,103	4°C HCl	
	1x500ml poly	SW8 SW6010C SW6020 SW7470	4°C HNO_3	
	10x1L amber	SW8081A SW8151 SW8270C	4°C	
		SW8270 SimPAH SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
11FWAMW77-GWS		
MS MSD 4x1L amber SW8321		

Site Name: Taku	Well ID: MW-78		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50701			Conductivity ± 3%
Date: 7/11/11	Well Material: ☑ PVC ☐ Stainless Steel		
Start Time: ~~0905~~ 0910 KT			
Finish Time: 1045	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT, DH, JY			
PID Reading: BZ 0.0ppm well 0.0ppm			Turbidity ±10% NTU
Weather Conditions: sunny 70°F			
Probe Type: ☐ Oil/Water Interface ☑ Electronic Water Indicator ☐ Other_____	Casing Diameter (in): ☑ 2 ☐ 4	Gallons/Linear Foot: ☐ 0.17 ☐ 0.66	Casing Radius² (ft): ☐ 0.0069 ☐ 0.0280

Purging Information

0910 KT Start Time: ~~0905~~ Finish Time:	Depth to Product: NA Depth to GW: 15.68 ft Total Depth (T.D.) of Well Casing: 33.05 ft Product Thickness: NA	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

	Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	~~15~~ KT		6.94	289	6.92°C	9.93	~~10.2~~ 1.22	-12.6	0.03
15	~~20~~ KT		7.06	291	6.77°C	7.22	0.76	-74.6	0.03
	20		7.11	291	6.69°C	5.82	0.63	-86.9	0.08
	25		7.14	293	6.80°C	4.53	0.47	-91.9	0.08
	30		7.16	293	6.83°C	3.03	0.38	-96.7	0.03
	35		7.17	293	6.81°C	2.38	0.36	-99.6	0.00
	40		7.16	293	6.78°C	1.53	0.35	-103.1	0.00
	45	5	7.17	293	6.78°C	1.90	0.38	-102.9	0.00

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/11/11	**Sampling Equipment**
Start Time: 1000	☐ Bailer
Finish Time: 1045	☐ Submersible Pump
Depth of Tubing: 22 feet	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW78-GW5	9x 40ml VOA	AK101/SW8260 SW8260SIM	4°C HCL	
KT 10	~~2x~~ 1L amber	SW8081A SW8082 SW8151, SW8321 ~~SW8270 SW8270SIM PAH~~	4°C	
	2x 1L amber	AK102/103	4°C HCL	
	1x 500ml poly	SW6010/SW6020/SW7470	HNO_3 4°C	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taky	Well ID: MW-79	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☐ Extraction	pH ±0.1
Project #: 05F50701	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 7/11/11		
Start Time: 1300		
Finish Time: 1425	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: KT/DH/JY		
PID Reading: BZ0.0ppm well 0.0ppm		Turbidity ±10% NTU
Weather Conditions: sunny 70's °F		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1300	Depth to Product: NA	**Purging Equipment**
Finish Time: 1425	Depth to GW: 16.86	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.75	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15		7.15	317	5.70°C	14.7	1.31	-68.6	0.04
20		7.09	318	5.79°C	5.54	1.15	-67.6	0.04
25		7.04	315	5.63°C	3.29	1.00	-70.3	0.04
30		~~5~~ 6.46	318	5.68°C	2.30	1.12	-69.7	0.04
35		6.89	320	5.77°C	1.94	1.21	-65.2	0.04
40		6.88	321	5.63°C	1.54	1.16	-65.1	0.04
45	5	6.85	321	5.62°C	0.97	1.23	-65.6	0.04

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/11/11	**Sampling Equipment**
Start Time: 1345	☐ Bailer
Finish Time: 1425	☐ Submersible Pump
Depth of Tubing: 18.5 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW79-GWS	9 x 40ml VOA	AK101 SW8260 SW8260 SIM	4°C HCl	
	2x 1L amber	AK102/103	4°C HCL	
	1x500ml poly	SW6010/SW6020/SW7470	4°C HNO$_3$	
10	~~2x~~ 1L amber	SW8081A, SW8082, SW8151	4°C	
		SW8270C, SW8270C SIM PAH, SW8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW80		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 7/20/11	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 1015			
Finish Time:	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: CS/JY/KT			
PID Reading: 0.7 ppm			Turbidity ±10% NTU
Weather Conditions: clear			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☒ 2 ☐ 4	Gallons/Linear Foot ☒ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☒ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1025	Depth to Product: —	**Purging Equipment**
Finish Time: 1059	Depth to GW: 13.21	☐ Bailer
	Total Depth (T.D.) of Well Casing: 47.75	☐ Submersible Pump
	Product Thickness: —	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1040	.5	7.61	245	4.53	43.3	0.35	-113.6	13.21
1045	1	7.56	247	4.57	51.2	0.28	-100.9	13.21
1050	1.5	7.53	247	4.37	48.9	0.23	-98.8	
1055	2	7.50	248	4.41	47.3	0.21	-98.4	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☒ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☒ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☐ No	☐ Hach	

Sampling Information

Date: 7/20	**Sampling Equipment**
Start Time: 1059	☐ Bailer
Finish Time: 1157	☐ Submersible Pump
Depth of Tubing: 39.75'	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW80	1L x 10	8081, 8151, 8270,	—	
-EWS		8270SIM, 8321		
	1L x 2	AK102/103	HCl	
	40mL VOA x 9	AK101, 8260, 8260SIM	HCl	
	500mL poly			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW81		Acceptable Range for Field Parameters
Site ID: TAKU	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: USF5270	Well Material: ☒ PVC ☒ Stainless Steel		Conductivity ± 3%
Date: 7/13/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1245			Turbidity ±10% NTU
Finish Time: 1435			
Sampled By: JV/ET			
PID Reading: 0.0 BZ/WC			
Weather Conditions: OVERCAST			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius² (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1253	Depth to Product: N/A	Purging Equipment
Finish Time: 1354	Depth to GW: 14.91'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.71'	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (19.71 − 14.91) = (4.8) * (0.17) = (0.816) * 3 = (2.44)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1310	1.5	7.30	.408	4.59	22.8	.40	-81.8	14.40
1315	2	7.27	.408	4.43	17.0	0.33	-80.4	14.91
1320	2.5	7.30	.408	4.35	14.1	0.29	-80.4	14.91
1325	3.0	7.37	.409	4.53	11.0	0.29	-80.4	14.91
1330	3.5	7.42	.408	4.34	11.0	0.27	-84.8	14.91
1335	4.0	7.48	.406	4.00	5.72	0.27	-86.7	14.91
1340	4.5	7.49	0.403	3.87	4.20	0.23	-89.1	14.91
1345	5.0	7.71	0.403	3.85	2.98	0.23	-92.5	14.91

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☒ Stored
☒ ~~Brown~~ RED	☐ Strong	☐ Yes ☒ No	☐ Hach	

Sampling Information

Date: 7/13	Sampling Equipment
Start Time: 1355	☐ Bailer
Finish Time: 1435	☐ Submersible Pump
Depth of Tubing: ~17'	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW81-GW5		AK101/8260/8260SIM		
		AK102/103		
		SW8270/8270SIM/8151/8081		
		8082		
		SW6020/7471		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

SEE BACK PAGE →

* SUSPECT pH NEEDS TO BE RECALIBRATED. CORRECT OUTSIDE OF pH

	1348	5.25	7.94	0.22	3.96	1.34	0.21	-94.4	14.91
	1351	5.5	8.12	0.21	3.93	1.50	0.21	-95.1	14.91
*	1354	6.0	8.41	0.21	4.03	1.01	0.21	-97.2	14.91

MW81 continued (readings)

Site Name: MW 82	Well ID: MW 82		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: TAKU	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/19/11	Well Integrity: ☐ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 0750			Turbidity ±10% NTU
Finish Time: 0850			
Sampled By: CS/JY/KT			
PID Reading: 0.0			
Weather Conditions: Breeze partly cloudy			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in): ☒ 2 ☐ 4	Gallons/Linear Foot: ☒ 0.17 ☐ 0.66	Casing Radius² (ft): ☒ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0800 Finish Time: 0830	Depth to Product: Depth to GW: 16.32 Total Depth (T.D.) of Well Casing: 21.75 Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity ~~(uS/cm)~~ mS/cm	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0810	1.5	6.86	.574	5.86	0.49	1.15	80.0	16.37
0815	2	6.88	.573	5.80	0.51	0.77	60.2	16.35
0820	2.5	6.89	.577	5.81	.59	0.64	56.2	16.34
0825	3.0	6.91	.578	5.77	0.39	0.59	50.1	16.37
0830	3.5	6.90	0.583	5.73	0.36	0.52	46.9	16.37

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☐ Hach	

Sampling Information

Date: 7/19 Start Time: 0832 Finish Time: 0845 Depth of Tubing: 18'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW82-GW05	2x1L	SW8270 SIM	—	
	2x1L	AK102/103	HCl	
	6x40 VOA	SW8260, 8260 SIM	HCl	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-83	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/19/11		
Start Time: 0855		
Finish Time: 0955	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: KT/JY		
PID Reading: well 0.0 ppm B2 0.0 ppm		Turbidity ±10% NTU
Weather Conditions: cloudy 50°s		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0905	Depth to Product: NA	**Purging Equipment**
Finish Time: 0950	Depth to GW: 16.23 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.88 ft	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged 2 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	0.5	6.86	329	5.58°C	3.50	1.95	22.5	0.04
15	1	6.93	329	5.52	2.57	1.16	20.2	0.04
20	1.25	6.91	329	5.51	1.94	0.99	19.6	0.04
25	1.5	6.90	330	5.49	1.98	0.93	19.2	0.04

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/19/11	**Sampling Equipment**
Start Time: 0935	☐ Bailer
Finish Time: 0950	☐ Submersible Pump
Depth of Tubing: 19 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAmw83-GWS	6x40ml VOA	SW8260 SW8260Sim	4°C HCl	
	2x1Lamber	AK102/103	4°C HCl	
	2x1Lamber	SW8270 SimPAH	4°C	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

metal lid to protective casing is not secure

Site Name: Taku	Well ID: MW-84	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☑ Extraction	pH ± 0.1
Project #:		
Date: 7/19/11	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Start Time: 0750		
Finish Time: 0900	Well Integrity: ☐ Excellent ☑ Good	Temp. ±0.2° C
Sampled By: KT/TY		
PID Reading: 0.0ppm well B20.0ppm	☐ Fair ☐ Poor	Turbidity ±10% NTU
Weather Conditions: cloudy 50's		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0800	Depth to Product: NA	**Purging Equipment**
Finish Time: 0850	Depth to GW: 16.67ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.78	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged 2.25 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	0.75	6.83	762	6.20°C	16.3	1.55	56.5	0.11
15	1	6.84	760	6.08	7.35	1.43	44.9	0.11
20	1.25	6.86	755	6.04°C	4.15	1.14	40.7	0.11
25	1.5	6.85	753	6.07°C	3.53	1.31	38.8	0.11
30	2	6.84	750	6.01°C	2.26	1.14	37.8	0.11

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/19/11	**Sampling Equipment**
Start Time: 0830	☐ Bailer
Finish Time: 0850	☐ Submersible Pump
Depth of Tubing: 18.5ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW84-GWS	6x40ml Amber VOA	SW8260 SW8260SIM	4°C HCl	
	2x1 Lamber	AK102/103	4°C HCl	
	2x1 Lamber	SW8270 SIM PAH	4°C	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAAN	Well ID: MW85		Acceptable Range for Field Parameters
Site ID: TAAN	Well Type: ☒ Monitor ☐ Extraction		pH ±0.1
Project #: 05FS0701	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ±3%
Date: 7/18/11			Temp. ±0.2° C
Start Time: 0900	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Finish Time: 1100			
Sampled By: JVLT			
PID Reading: 0.3ND / 0.0BZ			
Weather Conditions: CLOUDY / RAIN			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☒ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius² (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0910 ~~0906~~	Depth to Product: NA	Purging Equipment
Finish Time: 0950	Depth to GW: 17.10'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.00'	☐ Submersible Pump
	Product Thickness: NA	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0925	1	7.02	0.453	7.16	14.5	0.74	-85.7	17.15
0930	1.5	7.04	0.452	7.11	8.98	0.63	-89.3	17.15
0935	2.0	7.07	0.449	7.12	6.49	0.58	-96.4	17.14
0940	2.5	7.08	0.454	7.12	4.40	0.68	-92.7	17.14
0945	3.0	7.09	0.457	7.15	4.25	0.64	-93.5	17.14
0950	3.5	7.11	0.458	7.12	2.92	0.62	-94.1	17.14

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☒ Yellow	☐ Moderate	Sheen?	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☒ Hach	

Sampling Information

Date: 7/18/11	Sampling Equipment
Start Time: 0950	☐ Bailer
Finish Time: 1050	☐ Submersible Pump
Depth of Tubing: -19	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11PWAMW85-GW-S		AK102/103		
		SW8270SIM		
		SW8260B / 8270SIM		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
11PWAMW85-GWBS		

DUP MS/D

Site Name: Taku	Well ID: MW-86		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50701	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/18/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1020			Turbidity ±10% NTU
Finish Time: 1130			
Sampled By: KT/JY			
PID Reading: W-110.0 ppm B20.0			
Weather Conditions:			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0260
☐ Other_____			

Purging Information

Start Time: 1028	Depth to Product: N/A	**Purging Equipment**
Finish Time: 1105	Depth to GW: 16.14 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.81 ft	☐ Submersible Pump
	Product Thickness: N/A	☑ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/Linear Foot) = (Gallons in well) * 3 = (3.5 Proposed Purge Volume)

Actual Volume Purged 3.5 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15	1.25	7.95	408	6.46°C	13.0	1.59	-58.1	0.06
20	1.75	8.08	409	6.38	6.08	1.15	-60.8	0.08
25	2.25	8.12	411	6.44	4.74	1.01	-63.9	0.08
30	2.75	8.13	413	6.56	3.45	0.97	-63.7	0.08
35	3.25	8.15	415	6.56	2.42	0.84	-63.1	0.08

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/18/11	**Sampling Equipment**
Start Time: 1105	☐ Bailer
Finish Time: 1120	☐ Submersible Pump
Depth of Tubing: 19 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWA mw 86-GWS	6x40 ml VOA	SW8260 SW8260SIM	4°C HCl	
	2x1 Lamber	AK102/103	4°C HCl	
	2x1 Lamber	SW8270SIMPAH	4°C	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-87	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/18/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: ~~1420~~ 1420		Turbidity ±10% NTU
Finish Time: 1505		
Sampled By: KT/JY		
PID Reading: 0.0ppm BZ well 0.0ppm		
Weather Conditions: cloudy 60's		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1427	Depth to Product:	**Purging Equipment**
Finish Time:	Depth to GW: 16.10 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.23 ft	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged 2 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	0.75	7.46	434	5.02°C	4.61	9.08	30.3	0.05
15	1.25	7.40	439	5.00	3.57	8.69	30.2	0.05
20	1.5	7.34	441	4.45	2.40	8.39	30.2	0.05

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/18/11	**Sampling Equipment**
Start Time: 1450	☐ Bailer
Finish Time: 1505	☐ Submersible Pump
Depth of Tubing: 18 ft	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW87-GWS	6 x 40 ml VOA	SW8260 SW8260 SIM	4°C HCL	
	2x1L amber	AK102/103	4°C HCl	
	2x1L amber	SW8270 PAHS SIM	4°C	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-88		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			Conductivity ± 3%
Date: 7/18/11	Well Material: ☐ PVC ☐ Stainless Steel		
Start Time: 1250			
Finish Time: 1400	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT/SY			
PID Reading: 0.0 ppm BZ well 0.0 ppm			Turbidity ±10% NTU
Weather Conditions: cloudy 50s			
Probe Type: ☐ Oil/Water Interface ☑ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1255	Depth to Product: NA	**Purging Equipment**
Finish Time: 1400	Depth to GW: 15.41 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.11 ft	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged 4.5 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
15	1.25	7.80	323	3.48 °C	18.4	11.10	15.8	0.03
20	1.75	7.83	316	3.27	12.0	10.05	10.9	0.03
25	2	7.78	312	3.16	7.99	9.19	8.6	0.03
30	2.25	7.75	311	3.07	7.04	8.85	7.5	0.03
35	2.75	7.74	310	2.98	5.22	8.64	7.6	0.03
40	3.25	7.73	309	2.89	4.30	8.22	7.6	0.03
45	3.5	7.72	309	2.96	3.89	7.80	7.7	0.03
50	4	7.71	308	2.93	3.91	7.80	8.2	0.03

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/18/11	**Sampling Equipment**
Start Time: 1350	☐ Bailer
Finish Time: 1400	☐ Submersible Pump
Depth of Tubing: 19 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWA MW88-GWS	~~4x6oz~~			
	6x 40ml VOA	SW8260 SW8260SIM	4°C HCL	
	2x1 Lamber	AK102/103	4°C HCl	
	2x1 Lamber	SW8270SIM PAH	4°C	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-89	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:		
Date: 7/18/11	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Start Time: 0835		
Finish Time:	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By:		
PID Reading: well 0.6 ppm B20.0 ppm		Turbidity ±10% NTU
Weather Conditions: drizzle 50's		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: ~~0845~~ 0847 KK	Depth to Product: NA	**Purging Equipment**
Finish Time:	Depth to GW: 22.40 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 29.5	☐ Submersible Pump
	Product Thickness: NA	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged 3.5 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
10	0.5	7.00	482	6.72°C	20.6	1.50	-32.1	0.04
15	1	7.09	482	6.36°C	14.6	1.14	-27.8	0.04
20	~~0~~ 1.5	7.19	486	6.26°C	9.66	0.93	-29.4	0.04
25	2	7.25	485	6.30°C	8.80	0.84	-31.6	0.04
30	2.5	7.29	481	6.28°C	5.87	0.86	-32.6	0.04
35	2.75	7.36	465	6.36°C	4.30	0.70	-37.7	0.04
40	3	7.41	456	6.42	4.04	0.69	-40.0	0.04
45	3.25	7.45	446	6.35	3.57	0.73	-43.5	0.04

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/18/11	**Sampling Equipment**
Start Time: 0935	☐ Bailer
Finish Time: 0950	☐ Submersible Pump
Depth of Tubing: 25.5 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAmw89-GW5	6x40ml VOA	SW8260 SW8260SIM	4°C HCL	
	2x1 Lamber	AK102/103	4°C HCL	
	2x1 Lamber	SW8270SIM PAH	4°C	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAICU Site ID: TAICU Project #: 05FS0701 Date: 7/18/11 Start Time: 1250 Finish Time: Sampled By: JY/KT PID Reading: 0.0 BZ/WC Weather Conditions: CLOUDY	Well ID: MW90 Well Type: ☑ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1300 Finish Time: 1340	Depth to Product: N/A Depth to GW: 19.00' Total Depth (T.D.) of Well Casing: 22.10' Product Thickness: N/A	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1315	1.0	7.66	0.3266	3.24	4.07	0.65	-82.3	19.15
1320	1.5	7.57	0.3267	3.38	3.08	0.54	-80.0	19.15
1325	2.0	7.52	0.3267	3.15	2.20	0.50	-78.7	19.15
1330	2.5	7.50	0.3265	3.07	1.52	0.40	-78.4	19.15
1335	3.0	7.51	0.3264	3.10	1.23	0.37	-78.1	19.15
1340	3.5	7.54	0.3264	2.98	1.20	0.37	-77.1	19.15

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☑ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/18/11 Start Time: 1342 Finish Time: Depth of Tubing: 20'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW90-GW-S		A1602 / 1103		
		SW8260D / 8260SIM		
		SW8270SIM		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

KAW 1/09/12

Site Name: Taku	Well ID: MW-~~92~~91	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☑ Extraction	pH ± 0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: ~~7/19~~ 7/21/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1305		Turbidity ±10% NTU
Finish Time: 1445		
Sampled By: KT/CJ		
PID Reading:		
Weather Conditions: sunny 70s		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☐ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1315	Depth to Product: —	**Purging Equipment**
Finish Time: 1435	Depth to GW: 15.69 ft	☐ Bailer wattera
	Total Depth (T.D.) of Well Casing: 75.11	☐ Submersible Pump
	Product Thickness: —	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged 16 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1415	14	8.27	289	7.4	58.5	2.99	-89.8	
1420	15	8.25	290	7.21	61.6	2.89	-90.2	
1425	16	8.23	294	7.61	58.7	2.76	-91.4	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/21/11	**Sampling Equipment** wattera
Start Time: 1430	☐ Bailer
Finish Time: 1435	☐ Submersible Pump
Depth of Tubing: ~102.1	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW~~92~~91-GW5	6x40ml VOA	SW8260 SW8260Sim	4°C HCl	
KAW 1/09/12				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Kat 1/09/12

Site Name: Taku	Well ID: MW-~~93~~ 92		Acceptable Range for Field Parameters
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 7/21/11	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 1215			
Finish Time: 1315	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: KT/CJ			
PID Reading: well 0.0ppm, B20 0ppm			Turbidity ±10% NTU
Weather Conditions: sunny 70's			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☐ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☑ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1235	Depth to Product: NA	Purging Equipment
Finish Time: 1305	Depth to GW: 15.60ft	☐ Bailer Wattera
	Total Depth (T.D.) of Well Casing: 65.18ft	☐ Submersible Pump
	Product Thickness: NA	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged 10 Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
5	4	7.00	283	5.79	47.8	7.80	-78.8	0.0
8	6	7.65	280	5.62	32.7	4.73	-90.7	0.0
11	7	7.57	286	6.42	26.2	2.19	-90.1	0.0
14	8	7.61	299	7.98	22.7	~~2.22~~ 2.62	-97.4	0.0
17	8.5	~~6.16~~	285	6.16	18.8	4.15	-100.2	0.0
20	9	~~7.82~~ 7.89	292	6.87	6.94	~~6.94~~	-103.3	0.0
23	10	7.79	290	6.65	6.85	4.94 6.08	-98.6	0.0

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 7/21/11	Sampling Equipment Wattera
Start Time: 1300	☐ Bailer
Finish Time: 1305	☐ Submersible Pump
Depth of Tubing: -51'	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW~~93~~ 92	6x 40ml VOA	SW8260 SW8260 Sim	4°C HCl	
92 Kat 1/09/12				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Fall 2011 Sampling Event

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2011 Taku

Book 3 of 3

CONTENTS

PAGE	REFERENCE	DATE

Taku Gardens
03 OCT 2011

0900 YSI Calibration
1028 MW39 PID = 0.00 PPM
1155 MW39 Sampled by PB
PLUS 11FWAMW39-GWF
* DUP x 9 40 mL HCl
* MS/ x 2 1 L HCl
MSD x 1 500mL Poly HNO_3
x 10 1 L Unpres
1520 Finish MW39
1035 MW47 PID = 0.01 PPM
1145 MW47 Sampled by CM
11FWAMW47-GWF
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres
1245 MW78 PID = 0.01 PPM
1345 MW78 Sampled by CM
11FWAMW78-GWF
x 9 40 mL HCl
x 2 1 L HCl.
x 1 500mL Poly HNO_3
x 10 1 L Unpreserved

x 4

Scale: 1 square = _____

03 Oct 2011

1600 MW 40
1735 MW 40 sampled by CM
11FWAMW40-GWF
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres.
1610 ~~1610~~ MW 28
1707 MW 28 sampled by CJ/PB
~~11FWAMW40-GWF~~
11TAKU-GW-MW28
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL HNO_3
x 10 1 L Unpres.

Scale: 1 square = _____

Taku Gardens

04 Oct 2011

0842 YSI Calib

	#1	#2	#3
Ph	6.34	6.88	* ✓
Cond	5.691	5.672	5.496
Temp	12.77	12.00	11.58
ORP	235.4	240.8	202.3

- Conducted w/ confidence solution except * (with pH sol. b/c off)

0929 MW 79
1050 MW 79 sampled by CM
11FWAMW79-GWF
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL HNO_3
x 10 1 L Unpres.
1014 MW12
1155 MW 12 sampled by CJ/SD
11FWAMW12-GWF
*Dup x 9 40 mL HCl
x 2 1 L HCl (x 2)
x 1 500 mL HNO_3
x 10 1 L Unpres

Scale: 1 square = _____

Taku Gardens
04 Oct 2011

0943 MW48 PID = 0.00 PPM
1050 MW48 Sampled by PB
[11FWAMW48-GWF]
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL poly HNO_3
x 10 1 L Unpres.
1147 Finish sampling MW48
1205 MW57 PID = 0.00PPM
1255 MW57 Sampled by PB
[11FWAMW57-GWF]
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres
1347 Finish sampling MW57
1230 MW08
1304 MW08 Sampled by CM
[11FWAMW08-GWF]
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres

Scale: 1 square = _____

Taku Gardens
04 Oct 2011

1400 MW80
1505 MW80 Sampled by CM
[11FWAMW80-GWF]
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres.
1415 MW61
1440 MW61 Sampled by SD
[11FWAMW61-GWF]
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres
1457 MW56 PID = 0.00 PPM
1558 MW56 Sampled by PB
[11FWAMW56-GWF]
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres.
1655 Finish MW56

Scale: 1 square = _____

Taku Gardens
04 Oct 2011

1700 MW33
1735 MW33 Sampled by SD
11FWAMW33-GWF
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres.
1820 Finish MW33

Scale: 1 square = _____

Taku Gardens
5 Oct 2011

0845 YSI Calibration

pH	6.69	7.08
T	8.05	8.11
Cond	3.005	3.004
ORP	262.9	269.0

0914 MW 64
1010 MW 64 Sampled by PB/SD
11FWAMW64-GWF
Plus x 9 40 mL HCl
*Dup x 2 1 L HCl (x4)
MS/MSD x 1 500mL Poly HNO_3
x 10 1 L Unpres
1420 Finish MW64
0930 MW06A PID = 0.2 PPM
1030 MW06A Sampled by CM
11FWAMW06A-GWF
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL Poly HNO_3
x 10 1 L Unpres
1100 Finish MW06A

Scale: 1 square = _____

Take Hardins
05 Oct 2011

~~1120~~ PB
~~0935~~ MW62
1225 MW62 Sampled by CM
11FWAMW62-GWF
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL HNO_3
x 10 1 L Unpres.
1255 Finish MW62
1400 MW43
1445 MW 43 Sampled by CM
11FWAMW43-GWF
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL HNO_3
x 10 1 L Unpres.
1510 Finish MW43
1530 MW32
1625 MW32 Sampled by CM
11FWAMW32-GWF
x 9 40 mL HCl
x 2 1 L HCl
x 1 500mL HNO_3
x 10 1 L Unpres
1655 Finish MW32

Scale: 1 square = _____

Take Hardins
05 Oct 2011

1600 MW38
1650 MW38 Sampled by PB
11FWAMW38-GWF
9 x 40 mL HCl
2 x 1 L HCl
1 x 500 mL HNO_3
10 x 1 L Unpres.
1741 Finish MW38
1720 MW76
1800 MW76 Sampled by CM
11FWAMW76-GWF
9 x 40 mL HCl + PCBs
2 x 1 L HCl
1 x 500 mL HNO_3
10 x 1 L Unpres
1830 Finish MW76
1750 MW81
1830 MW81 Sampled by SD
11FWAMW81-GWF
9 x 40 mL HCl + PCBs
2 x 1 L HCl
1 x 500 mL HNO_3
10 x 1 L Unpres
1930 Finish MW81

Scale: 1 square = _____

TH

Taku Anderson
06 Oct 2011

0725 Calibration Check

	#1	#2	#3
Cond	6.557	6.450	6.286
pH	99.99	6.09	7.04
T	18.37	17.60	16.59
ORP	442.8	210.9	230.5

pH re-calibrated on #1.

0900 MW69
1000 MW69 Sampled by SD
11FWAMW69-GWF
9 x 40 mL HCl
2 x 1 L HCl
1 x 500mL HNO_3
10 x 1 L Unpres
1050 Finish MW69
0915 MW53
1010 MW53 Sampled by PB
11FWAMW53-GWF
9 x 40 mL HCl
2 x 1 L HCl
1 x 500mL HNO_3
10 x 1 L Unpres
1100 Finish MW53

Scale: 1 square = _____

Taku Anderson
06 Oct 2011

0930 MW13
1105 MW13 Sampled by CM
11FWAMW13-GWF + PCBs
9 x 40 mL HCl
2 x 1 L HCl
1 x 500mL HNO_3
10 x 1 L Unpres.
1135 Finish MW13
1105 MW70
1200 MW70 Sampled by PB
11FWAMW70-GWF
9 x 40 mL HCl
2 x 1 L HCl
1 x 500mL HNO_3
10 x 1 L Unpres
1253 Finish MW70
1145 MW26
1715 MW26 Sampled by CM
11FWAMW26-GWF
9 x 40 mL HCl
2 x 1 L HCl
1 x 500mL HNO_3
10 x 1 L Unpres
1245 Finish MW26

Scale: 1 square = _____

Taku Gardner
06 Oct 2011

1155 MW45
1235 MW45 Sampled by LD
[11FWAMW45-GWF]
9 x 40 mL HCl
2 x 1 L HCl
1 x 500 mL HNO_3
10 x 1 L Unpres.
1310 Finish MW45
1432 MW77
1520 MW77 Sampled by PB
[11FWAMW77-GWF]
9 x 40 mL HCl
2 x 1 L HCl
1 x 500mL HNO_3
10 x 1 L Unpres
1610 Finish MW77
1435 MW36
1510 MW36 Sampled by LD
[11FWAMW36-GWF]
9 x 40 mL HCl
2 x 1 L HCl
1 x 500 mL HNO_3
10 x 1 L Unpres
1545 Finish MW36

Scale: 1 square = _____

Taku Gardner
06 Oct 2011

1445 MW03
1525 MW03 Sampled by CM
[11FWAMW03-GWF]
9 x 40 mL HCl
2 x 1 L HCl
1 x 500mL HNO_3
10 x 1 L Unpres
+ 3 x 1 L Unpres PCB Dup + MS/MSD
1555 Finish MW03
1520 MW37
1655 MW37 Sampled by LD
[11FWAMW37-GWF]
9 x 40 mL HCl
2 x 1 L HCl
1 x 500mL HNO_3
10 x 1 L Unpres.
1730 Finish MW37

PH

Scale: 1 square = _____

Take Gardens
07 oct 2011

0830 Calibration Check

	#1	#2	#3
pH	6.95	6.07*	6.96
Cond.	5440*	5401*	5332*
ORP	247.1	231.9	245.5
T	11.03	10.89	10.37

* indicates re-calib after Cal Check

0930 mw 35
1020 mw 35 Sampled by LD
[11FWAMW35-GWF]
9 x 40 mL HCl
2 x 1 L HCl
1 x 500 mL HNO_3
10 x 1 L Unpres
1100 Finish mw35
0930 mw 87
1012 mw87 Sampl by PB
[11FWAMW87-GWF]
6* 40 mL HCl
2 x 1 L HCl
1 x 1 L Unpres.
1030 Finish mw87

Scale: 1 square = _____

Take Gardens
07 Oct 2011

0955 mw85
1035 mw85 Sampled by CM
[11FWAMW85-GWF]
Dup* + 6 x 40 mL HCl (x4)
MS/MSD 2 x 1 L HCl
2 x 1 L Unpres.
1115 mw85 Finished
1040 mw86
1140 mw86 Sampled by PB
[11FWAMW86-GWF]
6 x 40 mL HCl
2 x 1 L HCl
2 x 1 L Unpres.
1202 Finish mw86
1130 mw 82
1210 mw82 Sampled by LD
[11FWAMW82-GWF]
6 x 40 mL HCl
2 x 1 L HCl
2 x 1 L Unpres.
1225 Finish mw82

Scale: 1 square = _____

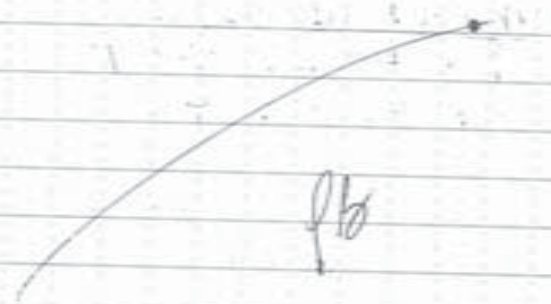
07 Oct 2011

1240 MW83
1320 MW83 Sampled by LD
[11FWAMW83-GWF]
6 x 40 mL HCl
2 x 1 L HCl
2 x 1 L Unpres
1345 Finish MW83
1300 MW88
1355 MW88 Sampled by PB
[11FWAMW88-GWF]
6 x 40 mL HCl
2 x 1 L HCl
2 x 1 L Unpres
1411 Finish MW83
1400 MW 90
1445 MW90 Sampled by CM
[11FWAMW90-GWF]
6 x 40 mL HCl
2 x 1 L HCl
2 x 1 L Unpres.
1505 Finish MW90

Scale: 1 square = _____

Jake Gardner
07 Oct 2011

1440 MW89
1530 MW89 Sampled by PB
[11FWAMW89-GWF]
6 x 40 mL HCl
2 x 1 L HCl
2 x 1 L Unpres
1546 Finish MW89
1450 MW84
1535 MW84 Sampled by LD
[11FWAMW84-GWF]
6 x 40 mL HCl
2 x 1 L HCl
2 x 1 L Unpres
1545 Finish MW84



Scale: 1 square = _____

Lake Gardens
08 Oct 2011

0900 MW58
0945 MW58 Sampled by CM/SD
11FWAMW58-GWF
9 x 40 mL HCl
2 x 1 L HCl
1 x 500 mL HNO_3
2 x 1 L Unpres
1015 Finish MW58
1240 MW93
1303 Sample MW93 by PB/
11FWAMW93-GWF CJ/
6 * 40 mL HCl CM/SD
1306 Finish MW93
1305 MW94
1407 ~~1409~~ MW94 Sample
11FWAMW94-GWF
6 * 40 mL HCl
1411 Finish MW94

PB

Scale: 1 square = _____

Lake Gardens
15 Oct 2011

0935 MW92
1000 MW92 Sampled by CJ/SD
11FWAMW92-GWF
3 x 40 mL HCl
2 x 1 L HCl
1 x 500 mL HNO_3
2 x 1 L Unpres
1009 MW92 Finished
1010 MW91
1120 MW91 Sampled by CJ/SD
11FWAMW91-GWF
3 x 40 mL HCl
2 x 1 L HCl
1 x 500 mL HNO_3
2 x 1 L Unpres
1136 MW91 Finished

PB

Scale: 1 square = _____

Site Name:	Well ID: MW03		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/6/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1445			Turbidity ±10% NTU
Finish Time: 1555			
Sampled By: CM			
PID Reading:			
Weather Conditions: Clear			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1500	Depth to Product: —	**Purging Equipment**
Finish Time: 1530	Depth to GW: 14.95	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.25	☐ Submersible Pump
	Product Thickness: —	☑ Peristaltic Pump

Casing Volume (Gallons) = (____ - ____) = (____) * (____) = (____) * 3 = (____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged ____ Gallons

pH & ORP meter is malfunctioning

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity ~~(µS/cm)~~ mS/cm	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1500	0		0.306	5.52	16.6	2.40	679.8	—
1505	0.5		0.303	5.36	13.5	1.88	725.5	—
1510	1		0.301	5.25	11.7	1.38	775.8	—
1515	1.5		0.301	5.23	13.1	1.31	782.0	—
1520	2		0.301	5.21	12.6	1.28	787.3	—
1525	2.5		0.301	5.18	12.3	1.22	796.9	—
1530	3							

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/6/11	**Sampling Equipment**
Start Time: 1525	☐ Bailer
Finish Time: 1555	☐ Submersible Pump
Depth of Tubing: 21.00	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 CJ 11FWAMW03	-GWF			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW-06A	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ±0.1
Project #:		
Date: 5 OCT 2011	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ±3%
Start Time: 0930		
Finish Time: 1100	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: cm		
PID Reading: 0.02		Turbidity ±10% NTU
Weather Conditions:		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0940
Finish Time:

Depth to Product: —
Depth to GW: 15.44 ft btoc
Total Depth (T.D.) of Well Casing: 22.70
Product Thickness: —

Purging Equipment
☐ Bailer
☐ Submersible Pump
☑ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/ Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft) (btoc)
0946	0	6.13	0.318	4.72	2.43	1.81	-54.6	15.44
0955	1	6.15	0.315	4.72	3.27	1.71	-56.0	"
1000	1.5	6.20	0.309	4.56	3.68	1.53	-59.9	"
1005	2	6.23	0.308	4.55	3.54	1.43	-59.3	"
1010	2.5	6.30	0.306	4.51	3.73	1.80	-62.2	"
1015	3	6.31	0.306	4.58	3.72	1.55	-64.3	"

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

cm 10/5

Date: ~~12/4/2011~~ 10/5/2011
Start Time: 1030
Finish Time: 1100
Depth of Tubing: 17.5

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 1FWAMW06A-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW-08	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 4 OCT 2011		
Start Time: 1230	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time:		
Sampled By: cm		Turbidity ±10% NTU
PID Reading:		
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1235	Depth to Product: 17.69	**Purging Equipment**
Finish Time:	Depth to GW: 17.70	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.25	☐ Submersible Pump
	Product Thickness: 0.01	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity ~~(µS/cm)~~ mS/cm	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1240	0.5	5.73	0.335	4.47	4.42	4.21	15.0	17.69
1245	1.0	6.11	0.332	4.51	3.67	5.18	-18.6	17.69
1255	2.0	6.01	0.331	4.51	1.14	3.89	-27.2	17.69
1200	2.5	5.96	0.329	4.49	1.21	3.36	-30.0	17.69
1210	3.0	5.91 ✓	0.328 ✓	4.48 ✓	1.16	3.10	-33.0	17.69
1215	3.5	5.90 ✓	0.328 ✓	4.48 ✓	1.09	2.92	-36.6	17.69
1220	4.0	5.89	0.328	4.48	1.14	2.93	-37.9	17.69

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date:	1014	**Sampling Equipment**
Start Time:	1204	☐ Bailer
Finish Time:		☐ Submersible Pump
Depth of Tubing: 18.20		☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 11FWAMW08-GW-F				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: mw 12		**Acceptable Range for Field Parameters**
Site ID: M12	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/4/11	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 0930			Turbidity ±10% NTU
Finish Time:			
Sampled By: CS / S			
PID Reading: 0.8			
Weather Conditions:			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☒ Oil/Water Interface	1" ☐ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1125	Depth to Product:	**Purging Equipment**
Finish Time: 1150	Depth to GW: 11.64 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.09 ft	☐ Submersible Pump
	Product Thickness:	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1125	0.2	99.99	0.377	6.33	5.05	3.75	-106.2	
1133	0.6	99.99	0.361	6.51	4.74	1.01	-94.5	
1140	1.2	99.99	0.359	6.55	4.47	0.87	-87.9	
1145	2.0	99.99	0.359	6.54	4.20	0.79	-90.7	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☐ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☒ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☒ Yes ☐ No	☐ Hach	

Sampling Information

Date: 10/4	**Sampling Equipment**
Start Time: 1155	☐ Bailer
Finish Time:	☐ Submersible Pump
Depth of Tubing:	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 CS	LIFWAMW12-GWF			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW13	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ±0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 10/6/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 0932	FROST JACKET ~2 or 7 in	Turbidity ±10% NTU
Finish Time: 1135		
Sampled By: CM		
PID Reading:		
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1035	Depth to Product: 15.34	**Purging Equipment**
Finish Time: 1105	Depth to GW: 15.35	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.70	☐ Submersible Pump
	Product Thickness: 0.01	☐ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/ Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged ____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity ~~(µS/cm)~~ mS/cm	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1035	0	HALF JACKET	0.475	2.69	46.3	6.17	772.5	–
1040	0.5		0.457	2.75	34.2	4.43	786.8	–
1045	1		0.457	2.73	28.6	4.32	788.5	–
1050	1.5		0.457	2.73	25.4	4.24	796.1	–
1055	2		0.458	2.76	21.0	4.18	799.8	–
1100	2.5		0.457	2.75	23.3	4.15	800.1	–
1105	3		0.456	2.76	20.8	4.05	801.3	–

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/6/11	**Sampling Equipment**
Start Time: 1105	☐ Bailer
Finish Time: 1135	☐ Submersible Pump
Depth of Tubing: 17.05	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW13-GWF				

2/22/12 CS

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW 26	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/6/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1145		Turbidity ±10% NTU
Finish Time:		
Sampled By: CM		
PID Reading:		
Weather Conditions: CLEAR		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1150
Finish Time:

Depth to Product: -
Depth to GW: 14.07
Total Depth (T.D.) of Well Casing: 19.64
Product Thickness: -

Purging Equipment
☐ Bailer
☐ Submersible Pump
☐ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH MALFUNCTION	Conductivity ~~(µS/cm)~~ mS/cm	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV MALFUNCTION	DRAW DOWN (ft)
1150	0		0.406	5.80	62.6	2.51	540.4	-
1155	0.5		0.406	5.83	13.2	2.32	605.1	-
1200	1		0.406	5.83	13.2	2.21	609.9	-
1205	1.5		0.407	5.84	3.73	2.02	642.7	-
1210	2		0.408	5.85	2.16	1.98	657.2	-
1215	2.5		0.408	5.86		1.90	659.6	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/6/11
Start Time: 1215
Finish Time: 1245
Depth of Tubing: 18.00

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW26-GWF				

2/22/12
CT

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW 28	Well ID: MW28	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ±0.1
Project #: Taku-	Well Material: ☒ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 10/3/11		
Start Time: 1610	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time:		Turbidity ±10% NTU
Sampled By: CJ/PB		
PID Reading:		
Weather Conditions:		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☒ Oil/Water Interface	☒ 2	☒ 0.17	☒ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1622
Finish Time: 1705

Depth to Product: —
Depth to GW: 16.71
Total Depth (T.D.) of Well Casing: 19.06
Product Thickness:

Purging Equipment
☐ Bailer
☐ Submersible Pump
☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged_____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1630	0.25	3.53	0.319	7.78	17.3	3.63	50.3	
1640	1.0	3.69	0.313	6.97	12.8	1.88	47.8	
1650	1.5	4.32	0.306	6.64	3.99	1.54	32.4	
1655	2	4.83	.306	6.66	2.28	2.25	21.6	
1700	2.25	4.88	.306	6.65	1.69	1.68	21.8	
1705	2.5	4.87	.306	6.63	1.60	1.57	25.7	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach YSI	

Sampling Information

Date: 10/3
Start Time: 1707
Finish Time:
Depth of Tubing:

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11Taku-GW-MW28	10x1L	8270, 8270SIM, 8151, 8081,	8330	
	7x1L	AK102/103	HCl	
	1x500mL	6020/7471	HNO3	
	9x VOAs	101, 8260, 8260SIM	HCl	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

11Taku-GW-MW28

Site Name:	Well ID: MW 32	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:		
Date: 10/5/11	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Start Time: 1550		
Finish Time: 1635	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: OM		
PID Reading:		Turbidity ±10% NTU
Weather Conditions:		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1600	Depth to Product: —	**Purging Equipment**
Finish Time:	Depth to GW: 15.81	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.53	☐ Submersible Pump
	Product Thickness: —	☐ Peristaltic Pump

Casing Volume (Gallons) = (____ - ____) = (____) * (____) = (____) * 3 = (____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged ____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity ~~(µS/cm)~~ mS/cm	Temp. ~~(°F)~~ (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1600	0	7.32	0.461	6.21	121	3.40	-120.1	—
1605	0.5	7.34	0.459	6.14	108	2.25	-117.4	—
1610	1	7.35	0.457	6.03	82	1.72	-116.5	—
1615	1.5	7.37	0.455	6.04	63	1.51	-116.1	—
1620	2	7.37	0.454	6.03	62	1.19	-118.3	—
1625	2.5	7.37	0.449	6.01	58	1.17	-118.7	—

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☐ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☐ No	☐ Hach	

Sampling Information

Date:	**Sampling Equipment**
Start Time: 1625	☐ Bailer
Finish Time: 1655	☐ Submersible Pump
Depth of Tubing:	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 11FWAMW32-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW33	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #: FWA	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/4/11		
Start Time: 1700	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time: 1830		
Sampled By: SD		Turbidity ±10% NTU
PID Reading:		
Weather Conditions: Sunny ~40°F		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1715	Depth to Product:	**Purging Equipment**
Finish Time: 1735	Depth to GW: 14.9 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.8 ft	☐ Submersible Pump
	Product Thickness:	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

*pH meter is not working.

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1720	0.2	99.99	0.429	6.41	39.7	2.52	618.6	
1725	0.5	99.99	0.414	6.37	8.31	1.49	643.9	
1730	1.0	99.99	0.405	6.22	4.95	1.12	660.8	
1735	1.5	99.99	0.403	6.11	3.86	0.95	688.5	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☐ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☑ Strong	☑ Yes ☐ No	☐ Hach	

Sampling Information

Date: 10/4/11	**Sampling Equipment**
Start Time: 1735	☐ Bailer
Finish Time: 1820	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 1FWAMW33-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW35	**Acceptable Range for Field Parameters**
Site ID: EWA	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/7/11		
Start Time: 0930	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time:		Turbidity ±10% NTU
Sampled By: S. DerTatevaSion		
PID Reading: 0.0		
Weather Conditions: Overcast, 25°F		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1000	Depth to Product:	**Purging Equipment**
Finish Time: 1020	Depth to GW: 13.65 ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.5 ft	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1005	0.2	6.92	811.0	4.29	5.23	4.32	242.4	
1010	1.0	6.86	766.0	4.18	3.92	3.15	237.0	
1015	1.5	6.84	763.0	4.18	3.12	2.78	228.4	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/7/11	**Sampling Equipment**
Start Time: 1020	☐ Bailer
Finish Time: 1100	☐ Submersible Pump
Depth of Tubing: 14.00 ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW35-GWF				

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Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku Site ID: FWA Project #: Date: 10/6/11 Start Time: 1435 Finish Time: 1550 Sampled By: S. DerTatevasion PID Reading: Weather Conditions: Overcast, 45°F	Well ID: MW36 Well Type: ☑ Monitor ☐ Extraction Well Material: ☐ PVC ☐ Stainless Steel Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1450 Finish Time: 1500	Depth to Product: Depth to GW: 17.25 ft Total Depth (T.D.) of Well Casing: 19.81 ft Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1455	0.8	7.29	0.447	11.17	3.36	8.30	-79.0	
1500	1.4	7.30	0.444	11.45	2.44	4.86	-79.5	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/6/11 Start Time: 1510 Finish Time: 1545 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW36-GWF				

2/22/12 GS

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW37	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/6/2011	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1620		Turbidity ±10% NTU
Finish Time: 1735		
Sampled By: S. Der Tatevasion		
PID Reading:		
Weather Conditions: Cloudy, 45°F		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1635	Depth to Product:	**Purging Equipment**
Finish Time: 1740	Depth to GW: 14.5 Ft	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.5 Ft	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1640	0.5	7.38	0.387	11.09	1.54	4.22	-85.1	
1645	1.0	7.31	0.383	10.97	1.44	3.98	-86.2	
1650	1.5	7.26	0.382	10.92	0.46	3.86	-87.8	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/6/11	**Sampling Equipment**
Start Time: 1655	☐ Bailer
Finish Time: 1730	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 S 11FWAMW37-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: W38	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/5/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1600		Turbidity ±10% NTU
Finish Time: 1741		
Sampled By: PB		
PID Reading: 0.4 ppm		
Weather Conditions: ~35°F Cloudy		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1621	Depth to Product:	**Purging Equipment**
Finish Time: 1649	Depth to GW: 14.29'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.81'	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1624	0.25	7.22	0.359	6.84	26.8	1.79	-112.2	
1629	0.75	6.97	0.371	6.38	37.9	0.84	-115.5	
1634	1.25	6.89	0.379	6.39	21.3	0.67	-115.3	
1639	2.00	6.84	0.384	6.21	11.0	0.71	-117.9	
1644	2.5	6.81	0.385	6.19	8.49	0.66	-120.0	
1649	3.0	6.79	0.385	6.16	7.22	0.62	-121.1	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach ✓ YSI	

Sampling Information

Date: 10/5/11	**Sampling Equipment**
Start Time: 1650	☐ Bailer
Finish Time: 1741	☐ Submersible Pump
Depth of Tubing: 15.24'	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
FWAMW38-GWF	9* 40mL	AK101, SW8260, 8260SIM	HCl	
	2*1L	AK102, 103	HCl	
✓	1*500mL	SW6010/6020/7470	HNO_3	
	10*1L	SW8081A, 8270C	UNP	
		8270SIM, 8321, 8351		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: FTW	Well ID: W39		**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 10/3/11	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 10 28			
Finish Time:	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: PB			
PID Reading: 0.00			Turbidity ±10% NTU
Weather Conditions: Cloudy ~ 35°			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☒ 2 ☐ 4	Gallons/Linear Foot ☒ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☒ 0.0069 ☐ 0.0280

Purging Information

Start Time: 11:01	Depth to Product:	**Purging Equipment**
Finish Time: 11:51	Depth to GW: 15.76'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 32.15'	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. °F °C	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1103	0.0	6.71	0.293	5.94		5.65	-116.3	15.76'
1110	0.5	7.02	0.289	5.84	42.4	1.93	-118.3	
1119	1.0	7.13	0.288	5.81	10.4	0.83	-122.3	
1129	1.75	7.20	0.289	5.75	9.99	0.59	-125.1	
1140	2.75	7.25	0.290	5.77	9.83	0.54	-124.6	
1151	4.0	7.29	0.290	5.78	9.74	0.52	-123.8	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach VVSI	

Sampling Information

Date: 10/3/11	**Sampling Equipment**
Start Time: 1155	☐ Bailer
Finish Time: 1520	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
	9 VOAs	AK101, 8260, 8260SIM	HCl	
	2 1L Amber	AK102/103	HCl	
	500mL Poly	SW6010/6020/7470	HNO_3	
	10x1L	8270, 8270SIM, 8151, 8321, 8081A		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
✓		

Dup and MS/SD

Site Name:	Well ID: MW40		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 3 OCT 11	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 1600			
Finish Time:	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: CM			
PID Reading:			Turbidity ±10% NTU
Weather Conditions:			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1630	Depth to Product: —	**Purging Equipment**
Finish Time:	Depth to GW: 16.21	☐ Bailer
	Total Depth (T.D.) of Well Casing: 51.55	☐ Submersible Pump
	Product Thickness: —	☑ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/ Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1630	0	7.88	0.327	62.80	1.85	1.84	-133.4	16.21
1635	1	7.75	0.323	62.93	3.26	0.62	-133.9	16.21
1640	2	7.62	0.320	62.71	4.17	0.61	-139.8	16.21
1645	2.5	7.52	0.319	62.58	5.16	0.49	-141.6	16.21
1655	3.0	7.46	0.315	62.44	5.76	0.34	-149.4	16.24
1700	3.5	7.45	0.313	62.40	62.15	0.27	-152.3	16.24
1705	4.0	7.43	0.312	62.38	5.96	0.26	-151.5	16.23
1710	4.3	7.40	0.311	62.32	3.55	0.28	-151.6	16.23

CONTINUED ON BACK

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 3 OCTOBER 2011	**Sampling Equipment**
Start Time: ~~1735~~ 1735	☐ Bailer
Finish Time:	☐ Submersible Pump
Depth of Tubing: 38.50	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW40-GW				

2/22/12 CG

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

TIME	V	pH	CONDUCTIVITY	T	TURBIDITY	DO	ORP	DRAWDOWN
1710	4.5	7.37	0.311	6.29	~~D~~ 4.15	0.27	-150.4	16.23
1715	4.8	7.35 ✓	0.310 ✓	6.30 ✓	4.28	0.27 ✓	-154.3 ✓	16.23
1720	5	7.33	0.309	6.28 ✓	4.35	0.27 ✓	-155.3	16.23

MW40 Readings (Cont.)

Site Name:	Well ID: MW43	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:		
Date: 5 OCTOBER 2011	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Start Time: 1400		
Finish Time:	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: CM		
PID Reading:		Turbidity ±10% NTU
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1410	Depth to Product: ∅	**Purging Equipment**
Finish Time:	Depth to GW: 17.15	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.72	☐ Submersible Pump
	Product Thickness: ∅	☐ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity ~~(mS/cm)~~ mS/cm	Temp. (°F) ~~(°C)~~	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1410	0	6.83	0.513	5.26	OUT OF RANGE	4.38	-86.5	–
1420	1	7.01	0.521	5.57	41.8	3.53	-90.1	–
1430	2	7.02	0.524	5.63	37.6	3.41	-93.4	–
1435	2.5	7.02	0.524	5.63	40.3	3.40	-94.0	–
1440	3.0	7.04	0.524	5.63	55.3	3.40	-95.0	–

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/5/11	**Sampling Equipment**
Start Time: 1445	☐ Bailer
Finish Time: 1510	☐ Submersible Pump
Depth of Tubing: 16.50	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 CJ 11FWAMW43-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW45	**Acceptable Range for Field Parameters**
Site ID: ~~[illegible]~~ MW45	Well Type: ☑ Monitor ☐ Extraction	pH ±0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 10/6/11		
Start Time: 1155	Well Integrity: ☑ Excellent ☐ Good	Temp. ±0.2° C
Finish Time: 1315	☐ Fair ☐ Poor	Turbidity ±10% NTU
Sampled By: S. Dertatevasion		
PID Reading:		
Weather Conditions: Overcast, 40°F		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other _____			

Purging Information

Start Time: 1205	Depth to Product:	**Purging Equipment**
Finish Time:	Depth to GW:	☐ Bailer
	Total Depth (T.D.) of Well Casing:	☑ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1210	0.2	6.56	0.548	6.51	91.1	12.36	-86.1	
1215	0.8	6.78	0.551	6.55	52.1	4.52	-84.1	
1220	1.4	6.90	0.551	6.60	28.4	3.85	-83.7	
1225	2.0	6.96	0.546	6.66	17.1	3.23	-85.5	
1230	2.8	6.99	0.536	6.71	14.5	2.81	-87.0	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/6/11	**Sampling Equipment**
Start Time: 1235	☐ Bailer
Finish Time: 1310	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11EWAMW45-GWF				

2/22/12 CJ

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW47	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 2 OCT 2011	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1045		Turbidity ±10% NTU
Finish Time: 1145		
Sampled By: CM		
PID Reading: 0.0		
Weather Conditions: CLEAR		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius[2] (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1045	Depth to Product: —	**Purging Equipment**
Finish Time: 1145	Depth to GW: 15.45 ft btoc	☐ Bailer
	Total Depth (T.D.) of Well Casing: 17.81 ft btoc	☐ Submersible Pump
	Product Thickness: —	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN ~~(ft)~~ (ft btoc)
1045	0	5.95	0.297	6.12	1.58	3.28	69.9	0'
1100	1	5.99	0.296	6.11	1.42	3.11	58.5	15.50
1115	2	6.05	0.293	6.07	1.36	2.59	34.4	15.52
1120	2.5	6.11	0.289 ✓	6.06	1.30	2.05	17.6	15.52
1135	3.5	6.10 ✓	0.288 ✓	6.06 ✓	1.33	1.89	22.8	15.52
1140	4.0	6.15	0.289	6.06	1.27	1.89	20.1	15.52
1145	4.5	6.12	0.289	6.05	1.32	1.85	24.2	15.52

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 2 OCT 11	**Sampling Equipment**
Start Time: 1145	☐ Bailer
Finish Time: ~~16.52~~ CM 10/2/11	☐ Submersible Pump
Depth of Tubing: 16.52	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW47-GWF				

2/22/12 CS

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: W48		**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			Conductivity ± 3%
Date: 10/4/11	Well Material: ☑ PVC ☐ Stainless Steel		
Start Time: 0943			
Finish Time: 1150	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: PB			
PID Reading: 0.00 PM			Turbidity ±10% NTU
Weather Conditions: 35°F Cloudy			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in): ☑ 2 ☐ 4	Gallons/Linear Foot: ☑ 0.17 ☐ 0.66	Casing Radius² (ft): ☑ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1022 Finish Time: 1045	Depth to Product: Depth to GW: 15.6' Total Depth (T.D.) of Well Casing: 20.29' Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1022	0.25	6.65	0.412	5.47	9.99	8.60	-69.2	
1030	0.75	6.52	0.396	5.50	9.99	6.25	-74.9	
1038	1.20	6.53	0.385	5.54	3.55	5.07	-77.1	
1045	2.50	6.55	0.373	5.54	1.67	4.67	-80.8	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach ✓ YSI	

Sampling Information

Date: 10/4/11 Start Time: 1050 Finish Time: 1147 Depth of Tubing: [redacted]	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW48-GWF	9*VOAS 40mL	AK101, SW8260, 8260SIM	HCl	
	2*1L	AK102/103	HCl	
	1*500mL	SW6010/6020/7470	HNO_3	
	10*1L	SW8081A, 8151,	-	
		8270C, 8270SIM, 8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: W53	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ±0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 10/6/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp ±0.2° C
Start Time: 0915		Turbidity ±10% NTU
Finish Time: 1100		
Sampled By: DB		
PID Reading:		
Weather Conditions: ~31° Sunny		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 0930	Depth to Product:	**Purging Equipment**
Finish Time: 1003	Depth to GW: 15.35	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.84	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (____ - ____) = (____) * (____) = (____) * 3 = (____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged ____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0932	0.25	5.37	0.371	3.53	8.72	6.71	*194.5	
0937	0.75	5.71	0.337	3.53	6.02	3.77	196.0	
0942	1.25	5.85	0.323	3.53	6.15	3.36	194.8	
0947	1.75	5.90	0.316	3.53	3.54	2.93	98.7	
*0952	2.25	5.93	0.311	3.56	3.17	2.63	67.2	
0958	2.75	5.96	0.307	3.54	3.03	2.51	60.4	
1003	3.25	5.96	0.305	3.55	3.03	2.38	57.4	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☑ Hach YSI ✓	

Sampling Information

Date: 10/6/11	**Sampling Equipment**
Start Time: 1010	☐ Bailer
Finish Time: 1100	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW53-GWF	9 * 40mL	AK101, SW8260, 8260SIM	HCl	
	2 * 1L	AK102, 103	HCl	
	1 * 500 mL	SW6010/6020/7470	HNO_3	
	10 * 1L	SW8081A, 8270C, 8270SIM		
		8151, 8321	—	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:		Well ID: MW 56	**Acceptable Range for Field Parameters**
Site ID:	FWA	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:		Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date:	10/4/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0 2° C
Start Time:	1457		Turbidity ±10% NTU
Finish Time:	1655		
Sampled By:	DB		
PID Reading:	0.00 PPM		
Weather Conditions:	~40°F Sunny		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1521	Depth to Product:	**Purging Equipment**
Finish Time: 1555	Depth to GW: 13.26'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.66'	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0.50	1521	6.67	0.482	6.35	52.2	1.23	-111.1	
1532	1.0	6.73	0.484	6.40	37.7	0.90	-114.9	
1540	1.75	6.77	0.482	6.22	34.5	0.84	-116.5	
1546	2.5	6.80	0.480	6.22	25.6	0.78	-117.0	
1551	3.0	6.81	0.478	6.24	22.1	0.78	-117.0	
1555	3.5	6.83	0.471	6.13	20.6	0.71	-116.9	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☑ Yellow - orange	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach ✓ YSI	

Sampling Information

Date: 10/4/11	**Sampling Equipment**
Start Time: 1558	☐ Bailer
Finish Time: 1655	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW56GW	F 9* VOAS 40mL	AK101, SW8260	8260SIM HCl	
	2* 1L	AK102/103	HCl	
	1* 500mL	SW6010/6020/7470	HNO_3	
	10* 1L	SW8081A, 8151,	—	
		8270C, 8270SIM, 8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW57	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/4/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1205		Turbidity ±10% NTU
Finish Time: 1347		
Sampled By: PB		
PID Reading: 0.00 PPM		
Weather Conditions: 35°F ~ Sunny		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1219	Depth to Product:	**Purging Equipment**
Finish Time: 1252	Depth to GW: 15.4'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.37	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1219	0.25	6.37	0.331	3.47	9.99	6.21	-90.2	
1228	1.00	6.38	0.335	3.43		4.84	-91.8	
1234	1.50	6.39	0.335	3.33		4.73	-90.4	
1240	2.25	6.42	0.337	3.51		4.51	-84.2	
1246	3.00	6.45	0.341	3.55		4.37	-85.1	
1252	3.75	6.52	0.342	3.53		4.31	-82.2	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☒ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☑ Hach YSI	

Sampling Information

Date: 10/4/11	**Sampling Equipment**
Start Time: 1255	☐ Bailer
Finish Time: 1347	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW57-GWF	9* VOAS 40mL	AK101, SW8260, 8260SIM	HCl	
	2*1L	AK102/103	HCl	
	1*500mL	SW6010/6020/7470	HNO_3	
	10*1L	SW8081A, 8151,	—	
		8270C, 8270SIM, 8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku Site ID: FWA Project #: Date: 10/8/2011 Start Time: 0900 Finish Time: 1035 Sampled By: ~~S. Del Tatevasian~~ Collin Madeel & S. DeTatevasian PID Reading: N/A Weather Conditions: Clear, 30°F	Well ID: MW5~~5~~ 8 (Kah) Well Type: ☑ Monitor ☐ Extraction Well Material: ☐ PVC ☐ Stainless Steel Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0905 Finish Time: ~~1035~~ 0930	Depth to Product: Depth to GW: 13.40 ft Total Depth (T.D.) of Well Casing: 18.93 ft Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0905	0.5	6.43	652	5.13	95.5	0.80	-41.1	
0910	1	6.45	652	5.16	59.2	0.79	-44.7	
0915	1.5	6.47	652	5.14	38.2	0.84	-48.9	
0920	2	6.49	653	5.11	31.9	0.55	-51.6	
0925	2.5	6.53	654	5.12	18.9	0.87	-55.8	
0930	3	6.53	654	5.13	18.6	0.87	-57.0	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☐ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☑ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/8/11 Start Time: 0945 Finish Time: 1015 Depth of Tubing: 9.00 ft	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW58-GWF				

2/22/12 CJ

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku Site ID: M61 Project #: Date: 10/4/11 Start Time: 1415 Finish Time: Sampled By: SD PID Reading: Weather Conditions:	Well ID: MW61 Well Type: ☐ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1415 Finish Time: 1545	Depth to Product: Depth to GW: 14.7 ft Total Depth (T.D.) of Well Casing: 20.14 ft Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1420	0.2	82.26	0.397	5.30	43.0	1.84	-87.9	
1425	1.2	71.56	0.392	5.03	30.0	1.43	-92.9	
1430	1.8	33.40	0.387	4.91	20.2	1.26	-84.5	
1435	2.4	22.0	0.386	4.88	16.9	1.14	-74.6	

pH meter giving incorrect readings
Malfunction↑

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	~~☑ None~~	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	SD ☑ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/4 Start Time: 1440 Finish Time: Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
9/22/12 CO MEWAMW61-GW-F				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW 62		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ±0.1
Project #: cm 10/5	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ±3%
Date: ~~10/4/2011~~ 10/5/2011			
Start Time: 1120	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time:			Turbidity ±10% NTU
Sampled By: CM			
PID Reading:			
Weather Conditions: Clear			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1125	Depth to Product: –	**Purging Equipment**
Finish Time:	Depth to GW: 13.53	☐ Bailer
	Total Depth (T.D.) of Well Casing: 30.09	☐ Submersible Pump
	Product Thickness: –	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged_____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity ~~(mS/cm)~~ mS/cm	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1125	0	6.38	0.999	6.24	56.7	2.92	-30.2	13.53
1130	0.5	6.40	0.998	6.20	47.8	2.15	-42.3	–
1135	1	6.40	0.993	6.20	43.3	1.98	-47.3	–
1140	1.5	6.42	0.964	6.19	13.5	1.33	-61.0	–
1145	2	6.42	0.959	6.17	8.57	1.25	-62.2	–
1150	2.5	6.42	0.954	6.17	8.72	1.19	-63.3	–
1155	3	6.42	0.953	6.19	7.91	1.18	-67.7	–

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: ~~10/4/2011~~ 10/5/2011 cm/10/5		**Sampling Equipment**
Start Time: 1225		☐ Bailer
Finish Time: 1255		☐ Submersible Pump
Depth of Tubing: 17.20		☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 CJ 11FWAMW62-GWOF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: W64	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/5/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp ±0.2° C
Start Time: 0914		Turbidity ±10% NTU
Finish Time: 1439		
Sampled By: PB/SD		
PID Reading: 0.3 PPM		
Weather Conditions: Sunny ~18°F		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0930	Depth to Product:	**Purging Equipment**
Finish Time: 1006	Depth to GW: 20.13' N	☐ Bailer
	Total Depth (T.D.) of Well Casing: 14.8' N	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0932	0.25	5.88	0.373	5.88	115	3.31	-59.9	
0940	0.75	5.93	0.363	5.43	53.4	1.27	-94.4	
0946	1.25	6.01	0.366	5.74	42.8	0.93	-101.2	
* 0953	1.75	6.19	0.366	5.75	29.4	0.66	-109.7	
1000	2.5	6.26	0.366	5.76	26.8	0.62	-110.4	
1006	3.25	6.23	0.365	5.52		0.68	-105.7	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy - orange	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach ✓ YSI	

Sampling Information

Date: 10/5/11	**Sampling Equipment**
Start Time: 1010	☐ Bailer
Finish Time: 1420	☐ Submersible Pump
Depth of Tubing: 16.6'	☑ Peristaltic Pump

Primary 3* + MS/SD

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW64-GWF	9* 40mL	AK101, SW8260, 8260SIM	HCl	
	2* 1L	AK102/103	HCl	
	1* 500mL	SW6010/6020/7470	HNO_3	
	10* 1L	SW8081A, 8270C, 8270SIM, 8321, 8151	Un Preserved	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
11FWAMW64-GWBF		

Site Name: Taku Site ID: FWA Project #: Date: 10/6/11 Start Time: 0900 Finish Time: 1055 Sampled By: S. DerTatevasion PID Reading: Sunny, 30° F Weather Conditions:	Well ID: MW69 Well Type: ☑ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0935 Finish Time: 1000	Depth to Product: Depth to GW: 14.25 Ft Total Depth (T.D.) of Well Casing: 20.1 Ft Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged_____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0940	0.5	6.66	0.253	5.38	258.0	1.60	-71.5	
0945	0.8	6.68	0.251	5.39	187.0	1.12	-71.6	
0950	~~0.85~~ 1.5	6.70	0.256	5.45	124.0	0.83	-72.3	
0955	2.5	6.74	0.258	5.43	74.9	0.71	-74.3	
1000	3.0	6.76	0.261	5.43	40.6	0.70	-75.6	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☑ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/6/11 Start Time: 1000 Finish Time: 1050 Depth of Tubing: 18 Ft	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/11 11FWAMW69-EW F				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW70	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/6/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1105		Turbidity ±10% NTU
Finish Time: 1253		
Sampled By: PB		
PID Reading:		
Weather Conditions: ~35° Sunny		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other _____			

Purging Information

Start Time: 1122	Depth to Product:	**Purging Equipment**
Finish Time: 1158	Depth to GW: 14.581	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.34	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
~~1125~~	~~0.25~~	~~6.70~~	~~0.001~~	~~4.06~~		~~4.36~~	~~53.3~~	
1128	0.50	6.29	0.540	5.28	12.3	4.02	50.6	
1133	1.00	6.11	0.543	5.27	7.73	2.72	27.8	
1138	1.5	6.04	0.539	5.31	5.25	2.20	9.2	
1143	2.0	5.98	0.536	5.35	5.01	2.02	3.7	
1148	2.5	5.94	0.534	5.36	4.78	1.76	0.9	
1153	3.0	5.92	0.530	5.38	4.25	1.62	0.8	
1158	3.5	5.89	0.525	5.40	4.04	1.42	-1.2	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach ✓ YSI	

Sampling Information

Date: 10/6/11	**Sampling Equipment**
Start Time: 1200	☐ Bailer
Finish Time: 1253	☐ Submersible Pump
Depth of Tubing: 15.88	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW70-GWF	9 * 40mL	AK101, SW8260, SW8260SIM	HCl	
	2 * 1L	AK102/103	HCl	
	1 * 500mL	SW6010/6020/7470	HNO_3	
	10 * 1L	SW8081A, 8270C, 8270SIM, 8321, 8151	—	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW 76	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☑ Extraction	pH ± 0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 5 oct 2011		
Start Time: 1720	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time:		Turbidity ±10% NTU
Sampled By: CM		
PID Reading:		
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1725	Depth to Product: –	**Purging Equipment**
Finish Time:	Depth to GW: ~~15.17~~ 15.19	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.42	☐ Submersible Pump
	Product Thickness: –	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1725	0	7.46	0.858	5.36	30.1	3.59	-117.6	–
1730	0.5	7.49	0.861	5.27	16.4	3.46	-118.0	–
1735	1	7.53	0.862	5.21	8.9	3.31	-118.5	–
1740	1.5	7.54	0.863	5.20	7.3	3.22	-119.5	–
1745	2	7.54	0.864	5.20	3.8	2.98	-120.1	–
1750	2.5	7.54	0.864	5.19	2.1	2.95	-121.3	–

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☐ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☐ No	☐ Hach	

Sampling Information

Date: 10/5/11	**Sampling Equipment**
Start Time: ~~1800~~ 1800	☐ Bailer
Finish Time: 1830	☐ Submersible Pump
Depth of Tubing:	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/24/12 CJ 11FWAMW76-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW77		**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/6/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp ±0.2° C
Start Time: 1432			Turbidity ±10% NTU
Finish Time: 1510			
Sampled By: PB			
PID Reading: 1.10 PPM			
Weather Conditions: 46° Partly Cloudy			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☑ 0.17 ☐ 0.66	Casing Radius^2 (ft) ☑ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1445 Finish Time: 1517	Depth to Product: Depth to GW: 18.57 Total Depth (T.D.) of Well Casing: 22.84 Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1447	0.10	6.92	0.531	6.12	112	3.24	-1.1	
1452	0.75	6.54	0.547	7.05	39.5	0.85	-23.9	
1457	1.25	6.52	0.536	6.65	30.0	0.82	-25.5	
1502	1.75	6.51	0.534	6.86	25.4	0.72	-26.0	
1507	2.50	6.51	0.529	6.80	21.7	0.58	-25.3	
1512	3.0	6.57	0.519	6.66	19.9	0.47	-29.2	
1517	3.5	6.61	0.509	6.63	17.4	0.44	-32.9	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☐ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☑ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☑ Yes ☐ No	☑ Hach ✓ YSI	

Sampling Information

Date: 10/6/11 Start Time: 1520 Finish Time: 1610 Depth of Tubing: 19.5'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW77-GW	F 9 + 40mL	AK101, SW8260	SW8260SIM HCl	
	2 * 1L	AK102/103	HCl	
	1 * 500mL	SW6010/6020/7470	HNO_3	
	10 * 1L	SW8081A, SW8270C, 8270SIM,		
		8151, 8321	- UNP	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW 78	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 2 OCT 2011	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1245		Turbidity ±10% NTU
Finish Time:		
Sampled By: CM		
PID Reading: 0.01		
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1245	Depth to Product:	**Purging Equipment**
Finish Time:	Depth to GW: 16.31	☐ Bailer
	Total Depth (T.D.) of Well Casing:	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN ~~(ft)~~ (Ft BTOC)
1300	0.5	7.02	0.271	5.69	2.10	0.77	-118.6	16.32
1310	1.5	7.00	0.271	5.58	1.91	0.34	-128.9	16.32
1320	2.5	6.99	0.272	5.59	1.86	0.31	-133.9	16.34
1330	3.0	6.98	0.271	5.61	1.84	0.28	-136.2	16.34
1335	3.5	6.92	0.271	5.61	1.80	0.25	-140.8	16.34
1340	4.0	6.91	0.271	5.60	1.76	0.27	-146.0	16.34

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/3	**Sampling Equipment**
Start Time: 1345	☐ Bailer
Finish Time:	☐ Submersible Pump
Depth of Tubing:	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 11FWAMW78-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW 79	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:		
Date: 4 OCT 2011	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Start Time: 0920		
Finish Time:	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: CM		
PID Reading: 0.00		Turbidity ±10% NTU
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 0945	Depth to Product: ~~0~~ 17.52	**Purging Equipment**
Finish Time:	Depth to GW: 17.53	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.80	☐ Submersible Pump
	Product Thickness: — 0.01	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity ~~(µS/cm)~~ mS/cm	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0950	0.5	5.59	0.313	5.77	262	5.26	-49.5	17.53
0955	1.0	5.80	0.300	5.75	56.9	2.28	-86.8	
1005	1.5	5.90	0.299	5.74	19.9	1.39	-99.7	
1010	2.0	5.95	0.299	5.76	9.90	1.00	-101.2	17.56
1015	2.5	5.98 ✓	0.299 ✓	5.78 ✓	10.30	0.96 ✓	-96.6	17.56
1025	3.5	6.01	0.298	5.78	10.13	0.92	-98.4	17.56
1								

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date:		**Sampling Equipment**
Start Time: 1050 1014		☐ Bailer
Finish Time:		☐ Submersible Pump
Depth of Tubing: ~~16~~ 20.10		☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 11FWAMW79-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW80	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:		
Date: 4 OCTOBER 2011	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Start Time: 1400		
Finish Time:	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Sampled By: CM		
PID Reading:		Turbidity ±10% NTU
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1405	Depth to Product: —	**Purging Equipment**
Finish Time:	Depth to GW: 13.79	☐ Bailer
	Total Depth (T.D.) of Well Casing: 48.0	☐ Submersible Pump
	Product Thickness: —	☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1405	0.0	6.98	0.194	3.62	5.16	0.57	-94.5	—
1410	0.5	6.77	0.194	3.75	4.42	0.53	-114.8	—
1415	1	6.70	0.194	3.73	5.23	0.44	-121.4	—
1425	2	6.71	0.196	3.67	6.55	0.32	-125.8	—
1430	2.5	6.73	0.195	3.58	68.4	0.27	-130.3	—
1435	3	7.10	0.196	3.51	75.8	0.27	-134.1	—
1440	3.5	7.20	0.196	3.59	65.1	0.26	-140.0	—
1445	4.0	7.16 ✓	0.194 ✓	3.57 ✓	72.5 ✓	0.27 ✓	-143.6 ✓	—

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/4/11	**Sampling Equipment**
Start Time:	☐ Bailer
Finish Time: 1555	☐ Submersible Pump
Depth of Tubing: 42.5'	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 11FWMMW80-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku Site ID: FWA Project #: Date: 10/5/11 Start Time: 1750 Finish Time: Sampled By: S. DerTatevasion PID Reading: 0.4 ppm Weather Conditions: Cloudy, 40°F	Well ID: MW81 Well Type: ☐ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1825 Finish Time:	Depth to Product: Depth to GW: 15.5 ft Total Depth (T.D.) of Well Casing: 19.7 ft Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1830	0.1	99.99	0.337	4.78	168.0	~~839.0~~ 1.66	848.0	
1835	0.3	99.99	0.335	4.66	125.0	1.44	882.3	
1840	0.5	99.99	0.335	4.57	96.0	1.25	921.0	
1845	1.5	99.99	0.338	4.50	63.4	0.97	950.2	
1850	2.5	99.99	0.346	4.50	42.7	0.80	965.9	

★ pH meter is not working.

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/5/11 Start Time: 1830 Finish Time: 1930 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW81-GWF				

XPCBS 2/22/12 CT

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW82	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/7/11		Temp. ±0.2° C
Start Time: 1130	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Turbidity ±10% NTU
Finish Time: 1230		
Sampled By: S. Dertatension		
PID Reading: 0.00		
Weather Conditions: Sunny, 30°F		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1150	Depth to Product:	**Purging Equipment**
Finish Time: ~~1155~~ 1210	Depth to GW: 17.09	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.65	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1155	0.5	6.89	1344	6.53	6.93	3.97	236.5	
1200	1.5	6.84	1342	6.63	4.19	3.82	227.1	
1205	2.2	6.81	1341	6.65	2.19	3.52	226.5	
1210	4.0	6.79	1342	6.73	1.82	3.28	230.5	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/7/11	**Sampling Equipment**
Start Time: 1210	☐ Bailer
Finish Time: 1225	☐ Submersible Pump
Depth of Tubing: 18.00 Ft	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW82-GWF				

2/22/12 cs

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW83		**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 10/7/11	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 1240			
Finish Time: 1345	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp ±0.2° C
Sampled By: S. DerTatevasian			
PID Reading: 0.00			Turbidity ±10% NTU
Weather Conditions: Sunny, 45°F			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other_____	Casing Diameter (in) ☑ 2 ☐ 4	Gallons/Linear Foot ☑ 0.17 ☐ 0.66	Casing Radius² (ft) ☑ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1305 Finish Time: 1320	Depth to Product: Depth to GW: 17.0 ft Total Depth (T.D.) of Well Casing: 21.85 Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1310	0.5	6.63	460	6.94	2.74	6.32	219.4	
1315	1.0	6.62	465	6.89	2.04	6.18	213.4	
1320	1.5	6.60	465	6.88	2.34	6.24	210.8	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/7/11 Start Time: 1320 Finish Time: 1345 Depth of Tubing: 18.0 ft	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 GWF FWAMW83-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku Site ID: FWA Project #: Date: 10/7/11 Start Time: 1450 Finish Time: 1550 Sampled By: S. DeCatenasion PID Reading: 0.00 Weather Condition: Sunny, 42°F	Well ID: MW84 Well Type: ☑ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ±0.1 Conductivity ±3% Temp ±0.2°C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1515 Finish Time: 1530	Depth to Product: Depth to GW: 17.4 Ft Total Depth (T.D.) of Well Casing: 20.75 Ft Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1520	0.8	6.92	1366	7.08	3.27	1.18	165.6	
1525	1.5	6.92	1448	7.02	1.81	0.78	166.1	
1530	2.2	6.92	1448	7.03	1.22	0.64	167.3	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/7/2011 Start Time: 1535 Finish Time: 1545 Depth of Tubing: 18.0 Ft	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW84-GWF				

2/27/12 cj

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

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Site Name:	Well ID: MW 85	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ±0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/7/11	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 0955		Turbidity ±10% NTU
Finish Time:		
Sampled By: CM		
PID Reading:		
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1000	Depth to Product: 17.88	**Purging Equipment**
Finish Time:	Depth to GW: 17.89	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.00	☐ Submersible Pump
	Product Thickness: 0.01	☐ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/ Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1000	0	6.43	723	7.32	66.6	4.10	-86.0	–
1005	0.5	6.75	722	7.45	47.6	2.07	-86.2	–
1010	1	6.77	722	7.47	38.5	2.32	-86.7	–
1015	1.5	6.86	717	7.53	26.1	1.21	-86.4	–
1020	2	6.90	710	7.47	21.3	0.93	-86.2	–
1025	2.5	6.90	716	7.47	17.7	0.93	-86.0	–
1030	3	6.91	701	7.47	15.8	0.94	-87.6	–

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/7/11	**Sampling Equipment**
Start Time: 1035	☐ Bailer
Finish Time: 1115	☐ Submersible Pump
Depth of Tubing: 21.00	☑ Peristaltic Pump

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Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/27/12 CS 11FWAMW85-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: W86		**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/7/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1040			Turbidity ±10% NTU
Finish Time: 1205			
Sampled By: PB			
PID Reading: 0.00 PPM			
Weather Conditions: 33° Partly Cloudy			
Probe Type: ☑ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other	Casing Diameter (in): ☑ 2 ☐ 4	Gallons/Linear Foot: ☑ 0.17 ☐ 0.66	Casing Radius² (ft): ☑ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1108 Finish Time: 1136	Depth to Product: Depth to GW: 16.82' Total Depth (T.D.) of Well Casing: 22.15 Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (____ - ____) = (____) * (____) = (____) * 3 = (____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged ____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1111	0.25	7.63	794	5.27	39.9	2.17	-83.2	
1116	0.50	7.63	804	5.46	26.6	1.36	-94.6	
1121	1.00	7.56	800	5.54	10.5	1.02	-102.1	
1126	1.50	7.52	794	5.59	6.76	0.86	-107.3	
1131	2.0	7.39	780	5.62	6.42	0.73	-113.0	
1136	2.5	7.31	766	5.60	6.27	0.66	-115.9	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach YSI	

Sampling Information

Date: 10/7/11 Start Time: 1140 Finish Time: 1202 Depth of Tubing: 17.5'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW86-	6 * 40 mL	SW8260/SIM	HCl	
GWF	2 * 1 L	AK102/103	HCl	
	2 * 1 L	SW8270SIM	—	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: W87	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ±0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 10/7/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 0930		Turbidity ±10% NTU
Finish Time: 1034		
Sampled By: PB		
PID Reading: 0.00 PPM		
Weather Conditions: 34° Overcast		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 0947
Finish Time: 1009

Depth to Product:
Depth to GW: ~~14.98~~ 16.74'
Total Depth (T.D.) of Well Casing: 19.44'
Product Thickness:

Purging Equipment
☐ Bailer
☐ Submersible Pump
☐ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0947	0.25	6.45	835	4.91	1.21	8.40	5.3	
0954	0.75	6.60	840	4.90	0.95	8.08	-4.5	
* 0959	1.25	6.70	852	4.94	0.81	7.76	-7.4	
1004	1.50	6.72	857	4.93	0.78	7.40	-7.5	
1009	2.00	6.71	857	4.93	0.78	7.27	-8.4	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach YSI	

Sampling Information

Date: 10/7/11
Start Time: 1012
Finish Time: 1030
Depth of Tubing: 18.00ft

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW87-	6* 40mL	SW8260/5IM	HCl	
GWF	2* 1L			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku Site ID: FWA Project #: Date: 10/7/11 Start Time: 1300 Finish Time: 1411 Sampled By: PB PID Reading: 0.00 PPM Weather Conditions: 39° Partly Sunny	Well ID: W88 Well Type: ☑ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1317 Finish Time: 1352	Depth to Product: Depth to GW: 16.00' Total Depth (T.D.) of Well Casing: 22.45' Product Thickness:	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1327	0.5	7.94	574	3.75	103	8.35	-59.8	
1332	1.0	7.80	575	3.63	25	7.28	-58.4	
1337	1.5	7.72	577	3.50	10.1	7.02	-58.6	
* 1342	2.0	7.69	580	3.54	5.91	6.90	-60.3	
1347	2.5	7.69	578	3.47	5.03	6.70	-60.2	
1352	3.0	7.63	576	3.40	3.41	6.47	-61.1	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach ✓ YSI	

Sampling Information

Date: 10/7/11 Start Time: 1355 Finish Time: 1411 Depth of Tubing: 18.00'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW88-	6* 40mL	SW8260/SIM	HCl	
GWF	2* 1L	AK102/103	HCl	
	2* 1L	SW8270 SIM	—	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: W89	**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction	pH ±0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 10/7/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp ±0.2° C
Start Time: 1440		Turbidity ±10% NTU
Finish Time: 1548		
Sampled By: PJS		
PID Reading: 0.00 PPM		
Weather Conditions: ~42° Partly Sunny		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius^2 (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other_____			

Purging Information

Start Time: 1454	Depth to Product:	**Purging Equipment**
Finish Time: 1529	Depth to GW: 23.09	☐ Bailer
	Total Depth (T.D.) of Well Casing: 29.65'	☐ Submersible Pump
	Product Thickness:	☑ Peristaltic Pump

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing	Depth to GW	Ft. water in well	Gallons/ Linear Foot	Gallons in well	Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1459	0.25	7.52	1181	6.72	102	6.03	-80.7	
1504	0.50	7.43	1207	6.77	56.2	6.94	-77.9	
1509	1.00	7.35	1217	6.81	29.8	7.52	-75.4	
1514	1.50	7.32	1232	6.75	19.7	1.50	-78.9	
1519	2.0	7.33	1241	6.69	8.59	1.42	-87.3	
1524	2.5	7.36	1234	6.66	6.41	1.14	-93.5	
1529	3.0	7.38	1231	6.64	5.92	0.85	-95.1	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint	Sheen?	☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	☐ Yes ☑ No	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong		☑ Hach ✓ YSI	

Sampling Information

Date: 10/7/11	**Sampling Equipment**
Start Time: 1530	☐ Bailer
Finish Time: 1546	☐ Submersible Pump
Depth of Tubing: 24.00'	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW89-GWF	6* 40mL	SW8260/SIM	HCl	
	2* 1L	AK102/103	HCl	
	2* 1L	SW8270SIM	—	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name:	Well ID: MW90	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ±0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ±3%
Date: 10/7/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1400		Turbidity ±10% NTU
Finish Time:		
Sampled By: DM		
PID Reading:		
Weather Conditions: Clear		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☑ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1405	Depth to Product: —	**Purging Equipment**
Finish Time:	Depth to GW: 19.83	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.05	☐ Submersible Pump
	Product Thickness: —	☐ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1405	0	7.33	590	2.90	14.8	3.07	-90.6	—
1410	0.5	7.21	588	2.81	12.6	4.40	-87.9	—
1415	1	7.13	618	2.47	7.43	1.79	-86.4	—
1420	1.5	7.14	634	2.44	4.20	1.07	-89.2	—
1425	2	7.14	637	2.43	2.42	1.05	-89.7	—
1430	2.5	7.17	628	2.41	1.68	0.89	-92.4	—
1435	3	7.19	625	2.41	1.66	0.87	-93.3	—
1440	3.5	7.20	623	2.40	1.74	0.85	-93.6	—

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10/7/11	**Sampling Equipment**
Start Time: 1445	☐ Bailer
Finish Time: 1505	☐ Submersible Pump
Depth of Tubing: 21.00	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
2/22/12 GJ 11FWAMW90-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

MW91 CT 2/22/12

Site Name: Taku	Well ID: MW91/92		Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ±0.1
Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ±3%
Date: 10/8/11			Temp. ±0.2° C
Start Time: 305	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Finish Time:			
Sampled By:			
PID Reading: 0.1			
Weather Conditions: sunny - 45°			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☒ Oil/Water Interface	☒ 2	☒ 0.17	☒ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1309	Depth to Product:	Purging Equipment
Finish Time:	Depth to GW: 19.25	☐ Bailer
	Total Depth (T.D.) of Well Casing: 75.81	☒ ~~Submersible~~ Pump
	Product Thickness: —	☐ Peristaltic Pump

Water

Casing Volume (Gallons) = (_____ - _____) = (_____) * (_____) = (_____) * 3 = (_____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1319	6	7.55	241	4.28	756	13.88	-80.9	
1324	9	7.53	447	4.17	373	2.57	-96.3	
1329	11	7.55	442	4.17	252	2.84	-97.5	
1334	13.5	7.51	441	4.16	174	2.70		
1339	15.5	7.53	442	4.05	138	2.87	-93.3	
355					106			
400					23			
405	28				18			

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☒ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☒ Hach	

Sampling Information

Date: 10/8/11		Sampling Equipment
Start Time: 1407	Water	☐ Bailer
Finish Time: 1411		☐ Submersible Pump
Depth of Tubing: 75.81 ~~inches~~ feet		☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
~~11FWMTaku~~		8260, 8260 SIM		
11FWAMW91 ~~92~~ CT 2/22/12				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

2/23/12 CT

* Tubing was on bottom of well + flush w/ top of casing. To sample 7'-10' was pulled up + out through the pump aparatus making the sampling depth between 5'-8' below the top of the casing.

Site Name: MW91	Well ID: MW91		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☐ Extraction		pH ±0.1
Project #:			Conductivity ±3%
Date: 10/15/11	Well Material: ☐ PVC ☐ Stainless Steel		
Start Time: 1010			Temp. ±0.2° C
Finish Time:	Well Integrity: ☐ Excellent ☐ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Sampled By: CJ ISB			
PID Reading:			
Weather Conditions:			
Probe Type: ☐ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other	Casing Diameter (in) ☐ 2 ☐ 4	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius² (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1015 Finish Time: 1118	Depth to Product: — Depth to GW: 19.2 Total Depth (T.D.) of Well Casing: 75.81 Product Thickness:	Waterra **Purging Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing - Depth to GW) = (Ft. water in well) * (Gallons/Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1035	10	7.55	437	3.94	918	4.55	-74.6	
1040	12	7.54	438	3.95	242	4.47	-75.8	
1043	13	7.54	438	3.94	167	4.32	-79.3	
1046	15	7.54	438	3.93	102	4.23	-78.6	
1053	19	7.54	439	3.95	78	4.32	-79.6	
1059	22	7.53	439	3.95	58.3	4.14	-79.8	
1102					49.0			
1105					42.9			

using drum
oxygen * estimate

Time	Turb.
1108	37.5
1111	28.7
1114	34.8
1117	31.1

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☒ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☐ Hach	

Sampling Information

Date: ~~10/13~~ 10/15	**Sampling Equipment**
Start Time: ~~1107~~ 1120	☐ Bailer
Finish Time: ~~1~~ 1136	☐ Submersible Pump
* Depth of Tubing: 75.81	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
LFWAMW91-GWS		8321, 8151, 8081, 8270, 8270SIM, 6020/7471		AK101, 102/103

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

2/23/12

* Tubing was on bottom of well & flush w/ top of casing. To sample 7-10' of tubing was pulled up & out through the pump aparatus making the sampling depth between 65-68' below the top of the casing

CJ 2/22/12

MW92 ~~MW93~~ ~~MW91~~

Site Name	Well ID: ~~MW93~~ ~~MW91~~		**Acceptable Range for Field Parameters**
Site ID: FWA	Well Type: ☑ Monitor ☐ Extraction		pH ±0.1
Project #	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ±3%
Date: 10/8/11	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1240			Turbidity ±10% NTU
Finish Time:			
Sampled By:			
PID Reading:			
Weather Conditions: 5 °F			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☐ Oil/Water Interface	☑ 2	☑ 0.17	☑ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 1248	Depth to Product:	**Purging Equipment**
Finish Time:	Depth to GW: 15.81	☐ Bailer Waterra
	Total Depth (T.D.) of Well Casing: 65.23'	☐ Submersible Pump
	Product Thickness:	☐ Peristaltic Pump

Casing Volume (Gallons) = (____ - ____) = (____) * (____) = (____) * 3 = (____)

T.D. well casing | Depth to GW | Ft. water in well | Gallons/ Linear Foot | Gallons in well | Proposed Purge Volume

Actual Volume Purged ____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1249	2	7.75	448	5.11	18.6	13.69	-86.3	—
1252	6.5	7.70	450	4.95	21.5	8.20	-95.8	—
1254	7.5	7.67	450	4.90	14.2	2.14	-98.5	
1257	9	7.65	450	4.85	10.6	2.01	-99.6	—
1259					9.5			
1303					8.3			

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☑ None	☐ Yes ☑ No	☐ Horiba U-10	☐ Treated
☑ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☑ Multimeter	☑ Stored
☐ Brown	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 10/8	Waterra pump	**Sampling Equipment**
Start Time: 1303		☐ Bailer
Finish Time: 1306		☐ Submersible Pump
* Depth of Tubing: 65.23'		☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAmw~~93~~ ~~91~~ ~~MW12~~ 92 CJ 2/22/12		8260, 8260SIM		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

2/23/12 CJ *

Tubing was on the bottom of the well & flush w/ top of casing. To sample 7-10' of tubing was pulled up & out through the pump aparatus making the sampling depth between 55' & 58' below the top of the casing.

Site Name: MW 92	Well ID: MW 92		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ±0.1
Project #:			Conductivity ±3%
Date: 10/15/11	Well Material: ☒ PVC ☐ Stainless Steel		Temp. ±0.2° C
Start Time: 0935			Turbidity ±10% NTU
Finish Time: 1015	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		
Sampled By: CJ/SB			
PID Reading: 0.6			
Weather Conditions: Overcast 35°			

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☒ Oil/Water Interface	☒ 2	☒ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☐ 4	☐ 0.66	☐ 0.0280
☐ Other			

Purging Information

Start Time: 0940	Depth to Product: —	Waterra **Purging Equipment**
Finish Time: 0958	Depth to GW: 15.8'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 65.23'	☐ Submersible Pump
	Product Thickness: —	☐ Peristaltic Pump

Casing Volume (Gallons) = (T.D. well casing − Depth to GW) = (Ft. water in well) * (Gallons/Linear Foot) = (Gallons in well) * 3 = (Proposed Purge Volume)

Actual Volume Purged _____ Gallons

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0946	3.5	7.79	443	4.63	57	7.84	-107.7	—
0950	4.5	7.73	443	4.62	14	7.75	-109.5	
0953	~~4.75~~ 5	7.74	443	4.61	9.98	8.03	-106.2	
0957	6	7.79	444	4.60	7.18	5.5		

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☒ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	**Sheen?**	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☐ Hach	

Sampling Information

Date: 10/15	**Sampling Equipment**
Start Time: 1000	☐ Bailer
Finish Time: 1009	☐ Submersible Pump
* Depth of Tubing: 65 23'	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
11FWAMW92-GWF		8321, 8151, 8081, 8270, 8270SIM, AK101, AK102/103, 6010/7471		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

2/23/12 CJ

* Tubing was on the bottom of the well & flush with the top of the casing. → then to sample 7'-10' was pulled up & out through the pump making the sampling depth 55-58 below top of casing

APPENDIX D

Response to Comments

REVIEW COMMENTS	PROJECT: Former Communications Site, Fort Wainwright DOCUMENT: 2011 Groundwater Monitoring Report, Draft April 2012	
Alaska Department of Environmental Conservation	**DATE: 7/3/2012** **REVIEWER: Deb Caillouet** **PHONE:** (907) 269-0298	**Action taken on comment by: Jacobs Engineering (D. Ward, C. Jelle, and K. Maher)**

General Responses

Because multiple wells were affected by the each of the various sampling issues, this section provides a general discussion of the major issues. These responses focus on the usability of affected samples collected during the 2011 field effort, leaving analysis of root causes and recommended corrective actions to another venue. However, corrective actions will be implemented prior to further groundwater sampling to eliminate the re-occurrence of the identified issues. The attached comment response form evaluates each well on a case by case basis. The Fall 2011 deviations from standard practice will be noted as outlined above and data qualified accordingly. After further evaluation of these responses with ADEC and USACE, they will be incorporated in the final 2011 Groundwater Monitoring Report as part of new Section 4.1.1 *Deviations from the Work Plan* (with the existing discussion of results to become Section 4.1.2). All references used for the preparation of responses are included for convenience.

Depth of Tubing Not Recorded or Not Within the Screened Interval

During the Fall 2011 sampling event, the depth of the sampling tubing was not measured for a number of wells or, in the case of several deep wells, was above the top of the screened interval. The work plan (USACE 2011) does not specify a depth for low-flow sampling, but the EPA low-flow protocol (EPA 1996) says that "purging should be done using pump intake located in the middle or slightly above the middle of the screened interval" for completely submerged screens, whereas "placement of the pump at the top of the water column for sampling is only recommended in unconfined aquifers, screened across the water table, where this is the desired sampling point.".

ADEC Comment for this section:

General - The screens on wells are placed to sample the desired depth of groundwater. This is non-responsive.

Response:

The Depth of Tubing Not Recorded or Not Within the Screened Interval section of the general response will be deleted. Depth of tubing comments will be clarified on a case by case basis in the comment response table.

Drawdown Not Recorded

During the Fall 2011 sampling event, drawdown was not recorded for numerous wells. The work plan (USACE 2011) states that drawdown may not "exceed 4 inches (0.3 feet)", and the EPA low-flow protocol (EPA 1996) emphasizes that minimal drawdown is the primary criterion for evaluating whether low, predominantly horizontal flow to the well has been achieved. Other evidence of meeting drawdown criteria is provided when available in order to provide additional evidence for data acceptability.

Water Quality Meter Malfunctioned

During the Fall 2011 sampling event, one of the YSI multimeters malfunctioned and provided inaccurate pH and ORP readings, resulting in the omission of these parameters from the low-flow stabilization criteria for several wells. These parameters are not essential to the low-flow sampling protocol (EPA 1996). In addition, the ADEC draft Field Sampling Guidance (May 2010) specifies that a minimum of three parameters (four if temperature is recorded) are monitored. In all instances four parameters are available for stability evaluation. The two most critical parameters for stability, DO and turbidity (EPA 1996 p.8), were recorded for all wells. Thus, the meter malfunction did not adversely affect the low-flow sampling process, and collected samples are not limited in their usability by the missing pH and ORP readings.

Flow Rate Exceeded the Work Plan Limit

Some of the wells sampled during the spring and fall events exceeded the pumping rate of 0.132 gpm listed in the work plan. These deviations will be noted in the new Deviations section. The pumping rate in the EPA low-flow protocol is flexible (EPA 1996 p.5), with flow rates as highs as 0.264 gpm cited as observed in highly permeable aquifers (such as that at the FCS). The exceedances of the work plan pumping rate in 2011 do not appear to significantly affect data acceptability.

ADEC Comments for this section:

3rd Sentence - The exact statement is extremely coarse-textured. I would interpret this as GW, GP, SW or SP. The boring logs do not support the presence of only coarse grained soils. The low flow paper also states geologic heterogeneities may cause higher conductivity zones to be preferentially sampled.

Last Sentence - Without scientific data to support this statement it is of no value.

Response:

The Flow Rate Exceeded the Work Plan Limit section of the general response will be deleted. Flow rate comments will be clarified on a case by case basis in the comment response table.

Sheen and Free Product

Several field sampling logs note the presence of thin layers of free product (0.01 feet) as indicated by interface-probe response but state that no corresponding sheen was observed and no odor was detected. These observations reflect the limitations of the interface probe, which is prone to spurious readings at the air-water interface under some conditions. This would explain the apparent disagreement between the sheen, odor, and laboratory results.

Deep Wells Sampled for VOCs via Inertial Pumping

The two deep sentinel wells (MW91 and MW92) for the Fort Wainwright water supply well were sampled via inertial pumping using a Waterra pump in accord with the ADEC-approved work plan addendum (USACE 2010). Question regarding sample collection without the use of the VOC sampling kit offered by Waterra were raised. The VOC sampling kit (Waterra 2011) is an additional small-diameter tube used to siphon a water sample from within the larger tubing actuated by the pump. Its purported benefit is to provide reduced laminar flow into the sample vials, minimizing loss of dissolved volatiles to the air.

Jacobs recently requested clarification from Waterra regarding procedures/modifications for VOC sampling when using Waterra's equipment. Waterra responded via email (included in Attachment 1 as Waterra 2012) stating that no special equipment was required. Waterra's white paper (Newall [no date]) reviews published and unpublished studies that demonstrate the equivalence of sampling via the standard Waterra inertial pump (with no mention of the VOC sampling kit) with sampling via bailer. When sampling gas-charged groundwater, Barker and Dickhout (1988) found that the standard Waterra inertial pump without VOC sampling kit had the same recovery of VOCs as a bladder pump, and both were superior to a peristaltic pump.

During sample collection with the Waterra pump, Jacobs reduced the pump speed to eliminate splashing and minimize agitation as the VOC vials were filled, minimizing potential loss of volatiles to the air. Considering the advantages of inertial pumping and the Jacobs sampling procedure, the VOC samples collected via inertial pumping are considered representative of groundwater.

ADEC Comment for this section:

General - The Low Flow paper, specifically states inertial lift samples may cause too much disturbance. Nielson also states low-flow purging cannot be performed with Grab Sampling Devices or Inertial-Lift pumps and that a limitation of inertial lift pumps is that it is impossible to avoid aviation of the water column druming purging and sampling resulting in the loss of dissolved gases and VOCs (2008 Nielson Environmental Field School).

Response:

The Depth Wells Sampled for VOCs via Inertial Pumping section will be update as follows:

Deep Wells Sampled for VOCs via Inertial Pumping

The two deep sentinel wells (MW91 and MW92) for the Fort Wainwright water supply well were sampled via inertial pumping using a Waterra pump in accord with the approved work plan addendum (USACE 2010). However, questions regarding the validity of VOC sample collection using the Waterra pump were raised.

Jacobs recently requested clarification from Waterra regarding procedures/modifications for VOC sampling when using Waterra's equipment. Waterra responded via email (included in Attachment 1 as Waterra 2012) stating that no special equipment was required. Although some references support the use of the Wattera pump for VOC sample collection (Newall [no date] and Barker and Dickhout [1988]), other sources of information provide a conflicting opinion. All future sampling events for the deep wells (MW91 and MW92) will be conducted using a submersible pump. Note that all samples collected via this method have been rejected for the 2011 dataset.

Specific Comments and Responses

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
1	4.1	There were 45 wells sampled during the fall event. MW 28 was sampled although it was not in the plan.	A	The text of the 2011 FCS groundwater after action report will be changed to note that 44 wells were sampled during the spring event and 45 wells were sampled during the fall event due to the inclusion of MW28, which was sampled in conjunction with excavations at Building 08 investigating whether contamination had spread farther west than originally thought.	A
2	Tables 4-1 and 4-2	Please include the data qualifiers in these summary tables along with definitions of the qualifiers.	A	Data qualifiers and definitions will be added to the in-text tables.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
3	Missing	Checklist for data package 580-27548-1	A	Data package 580-27548-1 should not have been included and will be removed. This package covers a characterization sample for a sewage lift station on site and is addressed in the *2011 FCS Field Activities Report.*	A
4	Checklist 580-27125-1	This has a typo in the number. Looks like it should be 580-29125-1.	A	Thank you. The correct number is "580-29125-1" and will be changed in the checklist.	A
5	Checklist 580-290203-1	There are multiple deficiencies identified for the VOC analysis in the Case Narrative. The samples were rerun past hold time. Please discuss in the checklist and qualify the data that was past hold time.	A	The out of hold time data will presented with qualifiers in the data tables. An explanation will be added to the DQA regarding why the in hold data (estimated due to low CCV recoveries) was not used.	A
Groundwater Sampling Logs — Spring 2011					
6	MW12	The well is listed as 1" in the construction log. The purging rate is not low flow 5.25 gallons in 35 minutes is .15 gallons per minute, above the maximum of .132 gallons/minute as stated in the work plan. It also appears that the volume of purge was noted as being off, but there is no information as to whether the volumes were high or low. All results rejected.	A	The well construction log correctly identifies the well diameter. The field notation of well diameter (3/4") was an observation and not a measured value. The sampling form will be corrected to 1". The pumping rate during well purging did exceed the work plan specified maximum flow rate and will be noted in the work plan deviation section. .Although the pumping rate exceeded the maximum rate specified in the work plan, the absence of measurable drawdown and stable field parameters seems to indicate that the pumping rate did not exceed the aquifer capacity to produce water. The field team recognized that the initial volume estimates were not accurate based on reaching bucket capacity (5 gallons) which is a much more definitive measurement. It appears that the early volumes seem to be biased high. Jacobs requests that the results for this well be considered estimated due to grab sampling.	A
7	MW47	Only final purge volume noted. No way to determine actual flow rate, only an average. All results rejected.	A	Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An "R" qualifier will replace the results in the data table.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
8	MW56	Purge rate was not kept below .132 gallons/minute. All results rejected.	A	The pumping rate during well purging did exceed the work plan specified maximum flow rate and will be noted in the work plan deviation section. .Although the pumping rate exceeded the maximum rate specified in the work plan, the absence of measurable drawdown and stable field parameters seems to indicate that the pumping rate did not exceed the aquifer capacity to produce water. Jacobs requests that the results for this well be considered estimated due to grab sampling.	A
9	MW58	Purge rate was not kept below .132 gallons/minute. Depth of tubing not recorded. Draw down not measured. All results rejected.	A	The pumping rate during well purging did exceed the work plan specified maximum flow rate and no depth of tubing was measured. These items will be noted in the work plan deviation section. Although the pumping rate exceeded the maximum rate specified in the work plan, stable field parameters combined with the amount of water removed during purging seems to indicate that the pumping rate did not exceed the aquifer capacity to produce water. This well is screened across the water table and contained a column of 4.45 feet of water suggesting that sampling likely occurred in the screened interval. Jacobs requests that the results for this well be considered estimated due to grab sampling.	A
10	MW62	The log indicates there was sheen observed. Please explain why there were no exceedances. Verify lab data.	A	Fall DRO results from 2010 and 2011 above the action level could explain the presence of sheen. Review of historical data indicates this well displays some seasonal fluctuations in DRO concentration. Such strong seasonal cyclicity is not common but may be explained by seasonal interaction with a contaminated smear zone in the vicinity of the well or some distance upgradient. Review of the laboratory data found no evident problems. A field duplicate was collected at this location and its results are in good agreement with the primary sample.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
11	MW78	Well is screened 27.5-37.5' bgs. Tubing 22' btoc. Not sampled within well screen. All results rejected.	A	Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An "R" qualifier will replace the results in the data table.	A
12	MW80	Well is screened 38-48' bgs, has a 2' stickup, tubing should be at least 40' btoc. 39.75' for depth of tubing is really cutting it close.	A	The samples from this well were not collected from the middle of the screened interval. This is will be noted in the work plan deviation section of the 2011 groundwater report.	A
13	MW81	Suspect well is filling with silt. Original 20'bgs with 2' stickup. Total depth of well casing should be 22' and is less than 20.	A	Noted. No significant change in depth has occurred during the 2010 and 2011 sampling efforts. A recommendation will be made in the 2011 Groundwater Report to investigate the potential silt build-up at this location.	A
14	MW~~92~~ 91	No indication in the lab data that it was reported as MW91, if the data was changed from the lab to the report this is not indicated anywhere and should be. The Waterra pump used requires a modification to sample for VOCs. This was not used. Sampling was not low flow, nor were three casing volumes purged. Results are rejected.	A	The laboratory has provided corrected deliverables. Data tables in the final report will be corrected to show the proper location name. Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An "R" qualifier will replace the results in the data table.	A
15	MW~~93~~ 92	This data is reported as from MW 93. The Waterra pump used requires a modification to sample for VOCs. This was not used. Sampling was not low flow, nor were three casing volumes purged. Results are rejected.	A	Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An "R" qualifier will replace the results in the data table.	A
Groundwater Sampling Logs — Fall 2011					
16	MW3	Meter pH and ORP not functioning, sampling should not have occurred. Draw down not measured. All results rejected.	A	Please see *General Responses* (above) for a discussion of the decision to sample without pH and ORP values. Drawdown appears to have been evaluated as indicated by the "–" in each drawdown entry. This was verified with the field sampler. The non-standard notation will be noted as a deviation. Jacobs requests that the results for this well be considered estimated due to grab sampling.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
17	MW8	Product thickness of 0.01 noted but no sheen noted. All results rejected.	A	Please see *General Responses* (above) for a discussion of the significance of sheen and detections of thin layers of free product. In this well, the absence of sheen is corroborated by the absence of odor and DRO concentration less than 1/10th groundwater cleanup level. Although the field sampler followed procedure by documenting a positive detection from the oil water interface probe, the measurement of product thickness appears to be an error. This is will be noted in the work plan deviation section of the 2011 groundwater report. Jacobs requests that the results be considered usable based on all other available information.	A
18	MW12	No draw down measured. Not low flow .8 gallons in 5 minutes is .16 gallons per minute, above max allowable of .132 gallons per minute. Unknown pump type. Unknown depth of tubing. All results rejected.	A	The pumping rate during well purging did exceed the work plan specified maximum flow rate and will be noted in the work plan deviation section. .Although the pumping rate exceeded the maximum rate specified in the work plan, stable field parameters seems to indicate that the pumping rate did not exceed the aquifer capacity to produce water. A peristaltic pump was used to sample the well based on an interview with the field sampler and equipment rental documents. The groundwater sampling form will be updated for pump type. Sampling occurred within the screened interval based on well construction (10' screen) and depth to groundwater. Jacobs requests that the results for this well be considered estimated due to grab sampling.	A
19	MW13	Meter pH and ORP not functioning, sampling should not have occurred. Draw down not measured. Product thickness of 0.01 noted but no sheen noted. All results rejected.	A	Please see *General Responses* (above) for a discussion of the decision to sample without pH and ORP values. Drawdown appears to have been evaluated as indicated by the "–" in each drawdown entry. This was verified with the field sampler. The non-standard notation will be noted as a deviation.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
				Please see *General Responses* (above) for a discussion of the significance of sheen and detections of thin layers of free product. In this well, the absence of sheen is corroborated by the absence of odor and DRO concentration less than 1/10th groundwater cleanup level. Although the field sampler followed procedure by documenting a positive detection from the oil water interface probe, the measurement of product thickness appears to be an error. This is will be noted in the work plan deviation section of the 2011 groundwater report. Jacobs requests that the results for this well be considered estimated due to grab sampling.	
20	MW26	Meter pH and ORP not functioning, sampling should not have occurred. Draw down not measured. All results rejected.	A	Please see *General Responses* (above) for a discussion of the decision to sample without pH and ORP values. Drawdown appears to have been evaluated as indicated by the "–" in each drawdown entry. This was verified with the field sampler. The non-standard notation will be noted as a deviation. Jacobs requests that the results for this well be considered estimated due to grab sampling.	A
21	MW28	Draw down not measured, no depth of tubing recorded. All results rejected.	A	The drawdown was not measured during purging. This will be noted as a work plan deviation in the 2011 Groundwater Report. Sampling occurred within the screened interval based on well construction (10' screen), depth to groundwater, and total well depth. Although drawdown was not measured, the average pumping rate was 0.064 gpm (only about half the allowed rate) and field parameters all achieved stability. Jacobs requests that the results for this well be considered estimated due to grab sampling.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
22	MW32	Draw down not measured, no depth of tubing recorded. No attributes recorded (color, odor etc.). No pump type recorded. All results rejected.	A	Drawdown appears to have been evaluated as indicated by the "–" in each drawdown entry. This was verified with the field sampler. The non-standard notation will be noted as a deviation. Sampling occurred within the screened interval based on well construction (10' screen) and depth to groundwater. A peristaltic pump was used to sample the well based on an interview with the field sampler and equipment rental documents. The groundwater sampling form will be updated for pump type. The attributes (color and odor), while meaningful, are subjective observations. These missing observations do not significantly affect data usability based on several rounds of historical data for comparison. Jacobs requests that the results for this well be considered estimated due to grab sampling.	A
23	MW33	Meter pH and ORP not functioning, sampling should not have occurred. Draw down not measured. No depth of tubing recorded. All results rejected.	A	Please see *General Responses* (above) for a discussion of the decision to sample without pH and ORP values. Drawdown appears to have been evaluated as indicated by the "–" in each drawdown entry. This was verified with the field sampler. The non-standard notation will be noted as a deviation. Sampling occurred within the screened interval based on well construction (10' screen) and depth to groundwater. Jacobs request that the results be considered usable based additional information included in this response.	A
24	MW35	Draw down not recorded.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A
25	MW36	Draw down not measured, no depth of tubing recorded. Not low flow, 1.4 gallons in 10 minutes. All results rejected.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. Sampling occurred within the screened interval based on well construction (10' screen), depth to groundwater, and total well depth.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
				The pumping rate of 0.14 gpm did exceed the work plan pumping rate of 0.132 gpm and will be noted in the work plan deviation section of the 2011 groundwater report. Although the pumping rate exceeded the work plan limit, historically there are not poor producing wells in this area. Jacobs request that the results be considered estimated due to grab sampling.	
26	MW37	Draw down not measured, no depth of tubing recorded	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. Sampling occurred within the screened interval based on well construction (10' screen), depth to groundwater, and total well depth.	A
27	MW38	Draw down not measured.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A
28	MW39	Draw down not measured, no depth of tubing.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. Sampling occurred within the screened interval based on well construction (20' screen), depth to groundwater, and total well depth.	A
29	MW43	Draw down not measured, pump type not recorded	A	Drawdown appears to have been evaluated as indicated by the "–" in each drawdown entry. This was verified with the field sampler. The non-standard notation will be noted as a deviation. A peristaltic pump was used to sample the well based on an interview with the field sampler. The groundwater sampling form will be updated.	A
30	MW45	Draw down not measured, last flow rate measured is above low flow max. No depths to groundwater, bottom of casing, tubing measured. All results rejected.	A	Significant documentation issues are present on the groundwater sampling form and will be noted in the work plan deviation section of the 2011 Groundwater Report. Jacobs requests that the results from this well be considered estimated due to grab sampling.	A

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31	MW48	Draw down not measured, depth of tubing not measured , last flow rate measured is above low flow max. All results rejected.	A	Significant documentation issues are present on the groundwater sampling form and will be noted in the work plan deviation section of the 2011 Groundwater Report. Jacobs requests that the results from this well be considered estimated due to grab sampling.	A
32	W53	Draw down not measured, no depth of tubing. All results rejected.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. Although drawdown was not measured, the total purge volume purged was greater than 3 times the casing volume and field parameters met stability goals. Sampling occurred within the screened interval based on well construction (10' screen), depth to groundwater, and total well depth. Jacobs requests that the results for this well be used without qualification.	A
33	MW56	Draw down not measured, no depth of tubing. All results rejected.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. Although drawdown was not measured, the total purge volume purged was greater than 3 times the casing volume and field parameters met stability goals. Sampling occurred within the screened interval based on well construction (10' screen), depth to groundwater, and total well depth. Jacobs requests that the results for this well be used without qualification.	A
34	MW57	Draw down not measured, no depth of tubing. All results rejected.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. Although drawdown was not measured, the total purge volume purged was greater than 3 times the casing volume and field parameters met stability goals. Sampling occurred within the screened interval based on well construction (10' screen), depth to groundwater, and total well depth. Jacobs requests that the results for this well be used without qualification.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
35	MW5~~6~~ 8	Tubing depth shown is deeper than bottom of well casing. All results rejected.	A	The depth of tubing measurement and the bottom of casing measurement varied by 0.07'. It appears that well was sampled from the bottom of the screened interval and that a small variability in the depth of tubing measurement accounts for the discrepancy. Jacobs requests that the results from this well be considered estimated due to sampling from the bottom of the screened interval.	A
36	MW61	Draw down not measured, no depth of tubing. pH meter not working. All results rejected.	A	The drawdown was not measured during purging. This will be noted as a work plan deviation in the 2011 Groundwater Report. Please see *General Responses* (above) for a discussion of the decision to sample without pH and ORP values. Jacobs requests that the results from this well be considered estimated due to grab sampling.	A
37	W64	Draw down not measured.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A
38	MW69	Draw down not measured.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A
39	MW70	Draw down not measured.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A
40	MW76	Draw down not measured, depth of tubing not measured. All results rejected.	A	Drawdown appears to have been evaluated as indicated by the "–" in each drawdown entry. This was verified with the field sampler. The non-standard notation will be noted as a deviation. Sampling occurred within the screened interval based on well construction (10' screen), depth to groundwater, and total well depth. Jacobs requests that the results from this well be considered estimated due to sampling from the bottom of the screened interval.	A
41	MW77	Draw down not measured.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A

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42	MW78	Depth of well casing not measured, depth of tubing not measured. All results rejected.	A	Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An "R" qualifier will replace the results in the data table.	A
43	MW79	Product thickness 0.01, no sheen noted. Pump type not recorded.	A	Please see *General Responses* (above) for a discussion of the significance of sheen and detections of thin layers of free product. In this well, the absence of sheen is corroborated by the absence of odor and DRO concentration less than 1/10th groundwater cleanup level. Although the field sampler followed procedure by documenting a positive detection from the oil water interface probe, the measurement of product thickness appears to be an error. A peristaltic pump was used to sample the well based on an interview with the field sampler and equipment rental documents. The groundwater sampling form will be updated for pump type.	A
44	MW80	Draw down not measured, pump type not recorded.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. A peristaltic pump was used to sample the well based on an interview with the field sampler and equipment rental documents. The groundwater sampling form will be updated for pump type.	A
45	MW81	Depth of well casing not measured, depth of tubing not measured. Meter malfunctioning, should not have been sampled. 1 gallon in 5 minutes is not low flow. All results rejected.	A	The depth of the well casing appears on the field form and was as "19.7 ft". Sampling occurred within the screened interval based on well construction (10' screen), depth to groundwater, and total well depth. Please see *General Responses* (above) for a discussion of the decision to sample without pH and ORP values. Drawdown was not recorded and the purge flow rate exceeded the work plan maximum purge flow rate. These items will be noted as a work plan deviation in the 2011 Groundwater Report. Although the pumping rate exceeded the work plan limit, historically there are not poor producing wells in this area.	A

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - accepted W - withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A - agree) (D - disagree)
				Jacobs request that the results be considered estimated due to grab sampling.	
46	MW82	1.8 gallons in 5 minutes is not low flow. Draw down not measured. All results rejected.	A	Drawdown was not recorded and the purge flow rate exceeded the work plan maximum purge flow rate. These items will be noted as a work plan deviation in the 2011 Groundwater Report. Although the pumping rate exceeded the work plan limit, historically there are not poor producing wells in this area. Jacobs request that the results be considered estimated due to grab sampling.	A
47	MW83	Draw down not measured.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A
48	MW84	Not low flow, draw down not measured.	A	The pumping rate during well purging did exceed the work plan specified maximum flow rate and will be noted in the work plan deviation section. .Although the pumping rate exceeded the maximum rate specified in the work plan, stable field parameters seems to indicate that the pumping rate did not exceed the aquifer capacity to produce water. Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A
49	MW85	0.01 product thickness, no sheen noted, draw down not measured.	A	Please see *General Responses* (above) for a discussion of the significance of sheen and detections of thin layers of free product. In this well, the absence of sheen is corroborated by the absence of odor and DRO concentration less than 1/10th groundwater cleanup level. Although the field sampler followed procedure by documenting a positive detection from the oil water interface probe, the measurement of product thickness appears to be an error. Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A
50	MW86	Draw down not measured.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report.	A

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51	MW87	Draw down not measured. Unknown treatment of purge water.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. All purge water from the FCS was stored for later disposal. The logs will be updated accordingly.	A
52	W88	Draw down not measured. Unknown treatment of purge water.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. All purge water from the FCS was stored for later disposal. The logs will be updated accordingly.	A
53	W89	Draw down not measured. Unknown treatment of purge water.	A	Drawdown was not recorded and will be noted as a work plan deviation in the 2011 Groundwater Report. All purge water from the FCS was stored for later disposal. The logs will be updated accordingly.	A
54	~~MW94 92~~ MW91	Not low flow. Need modification to pump for VOC sampling. What well number were the results reported for? All results rejected.	A	Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An “R” qualifier will replace the results in the data table. This sentry well will be re-sampled in May 2012 using a submersible to allow for early data evaluation.	A
55	MW91	Not low flow, total purge volume not recorded, unable to determine if 3 volumes purged. Pump needs modification to sample for AK101. All results rejected.	A	Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An “R” qualifier will replace the results in the data table. This sentry well will be re-sampled in May 2012 using a submersible to allow for early data evaluation.	A
56	W~~93~~ ~~91~~ MW92	Not low flow. Need modification to pump for VOC sampling. What well number were the results reported for? All results rejected.	A	Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An “R” qualifier will replace the results in the data table. This sentry well will be re-sampled in May 2012 using a submersible to allow for early data evaluation.	A

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57	MW92	Not low flow, total purge volume not recorded, 3 volumes not purged. Pump needs modification to sample for AK101. Without 3 volumes purged all results rejected.	A	Due to the potential of 1,2,3-trichloropropane in proximity to this well, the results for this well will be rejected. An "R" qualifier will replace the results in the data table. This sentry well will be re-sampled in May 2012 using a submersible to allow for early data evaluation.	A

References

The following references are included electronically for convenience

Barker, J.F., and R. Dickhout. 1988 (Fall). "An Evaluation of Some Systems for Sampling Gas-Charged Ground Water for Volatile Analysis." *Ground Water Monitoring & Remediation*. p.112-120.

EPA (U.S. Environmental Protection Agency). 1996 (April). *Low Flow (Minimal Drawdown) Ground-Water Sampling Procedures*. R.W. Puls and M.J. Barcelona (authors). EPA/540/S95/504. 12 pp.

Newall, J. No date. *Groundwater Monitoring with the Waterra Inertial Pump*. Waterra Pumps Limited, Canada. http://www.waterrauk.com/files/product_pdf/Newall_ud(Waterra).pdf (accessed 26 March 2012).

Waterra (Waterra Pumps Limited). *RE: Volatiles sampling with the Waterra*. Email to Jacobs Engineering Group Inc. (K. Maher) dated 21 March 2012.

Waterra. 2011. Web page: "Procedure" tab on *Application—VOC Sampling*. http://www.waterra.com/pages/Applications/voc_sampling2011.html (accessed 28 March 2012).