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

2010 FORMER COMMUNICATIONS SITE GROUNDWATER MONITORING REPORT FORT WAINWRIGHT, ALASKA

FINAL

FEBRUARY 2012

U.S. Army Corps of Engineers, Alaska District
Environmental Remediation Services
Contract No. W911KB-06-D-0006
Task Order No. 20

Prepared by
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ACRONYMS AND ABBREVIATIONS

AAC	Alaska Administrative Code
ADEC	Alaska Department of Environmental Conservation
bgs	below ground surface
DRO	diesel-range organics
DMW	deep monitoring well
FWA	Fort Wainwright, Alaska
GRO	gasoline-range organics
Jacobs	Jacobs Engineering Group Inc.
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
PCB	polychlorinated biphenyls
PID	photoionization detector
QAPP	Quality Assurance Project Plan
RCRA	Resource Conservation Recovery Act
RRO	residual-range organics
RSL	Regional Screening Level
SCP	Stockpile Construction Plan
SVOC	semivolatile organic compound
TCP	trichloropropane
USACE	U.S. Army Corps of Engineers
UST	underground storage tank
VOC	volatile organic compound

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1.0 INTRODUCTION

This report describes groundwater monitoring activities that took place during the biannual sampling events and the deep monitoring well (DMW) installation and sampling event that were completed in 2010 at 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 Installation of Deep Groundwater Monitoring Wells Work Plan Addendum (USACE 2010a)
- Draft Taku Gardens Groundwater Monitoring Work Plan Addendum (USACE 2010b)
- Fort Wainwright Post Wide Work Plan (USACE 2010c)
- 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 After-Action 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 field activities completed.
- 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 the analytical data and laboratory documentation associated with sampling.

- Appendix C presents the analytical data and laboratory documentation associated with deep water well monitoring.
- Appendix D presents the field logbooks.
- Appendix E presents responses to regulator comments on the Draft Report.

1.2 SITE BACKGROUND

The Former Communications Site, 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 2010 field season was part of a multi-year monitoring program at the site in order to determine the nature and extent of contamination, assess potential risks posed by exposure where contamination exists, and support management decisions to protect human health and the environment at the site.

A total of 90 monitoring wells have been installed 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 investigations.

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 (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), Resource Conservation and Recovery Act (RCRA) metals, pesticides, herbicides, and explosives. The nine additional wells installed in 2009 were added to the semi-annual sampling plan for DRO/RRO, VOCs, and polycyclic aromatic hydrocarbons (PAH). Three of the wells (MW82, MW84, and

MW88) were also sampled for parameters monitoring of natural attenuation. These included nitrite/nitrate, ammonia, phosphorous, potassium, alkalinity, methane, manganese, ferrous iron, pH, and dissolved oxygen.

As part of a separate investigation, two deep monitoring wells were installed in the northeast corner of the FCS site in September 2010. These wells were installed and sampled to ensure that the contamination seen during the FCS biannual sampling events were not reaching the potable water production well that is located just outside the fence line on the northeast boundary of the FCS. The deep wells were installed near two main water supply wells that were installed in 1988 on the northeastern corner of The FCS to support the water treatment facility on FWA. Both of the supply wells are 20-inch diameter production wells installed to a depth of 100 feet and screened between 60 and 80 feet below ground surface (bgs). Based on information from the Directorate of Public Works, the average monthly pumping rates for the supply wells from 2005 through 2008 are between 1,112 and 1,691 gallons per minute.

1.3 PROJECT OBJECTIVES

The primary project objectives for 2010 were to determine the nature and extent of contamination remaining in the groundwater at the FCS Site, determine whether changes from previous investigations had occurred at the site, assess the monitoring program, and install two DMWs in order to verify the absence of 1,2,3-TCP contamination within the groundwater production zone.

1.4 SCOPE OF WORK

The definable features of work applicable to this project included the following:

- Drilling soil borings
- Installing monitoring wells
- Sampling of environmental media (soil and groundwater)
- Managing waste

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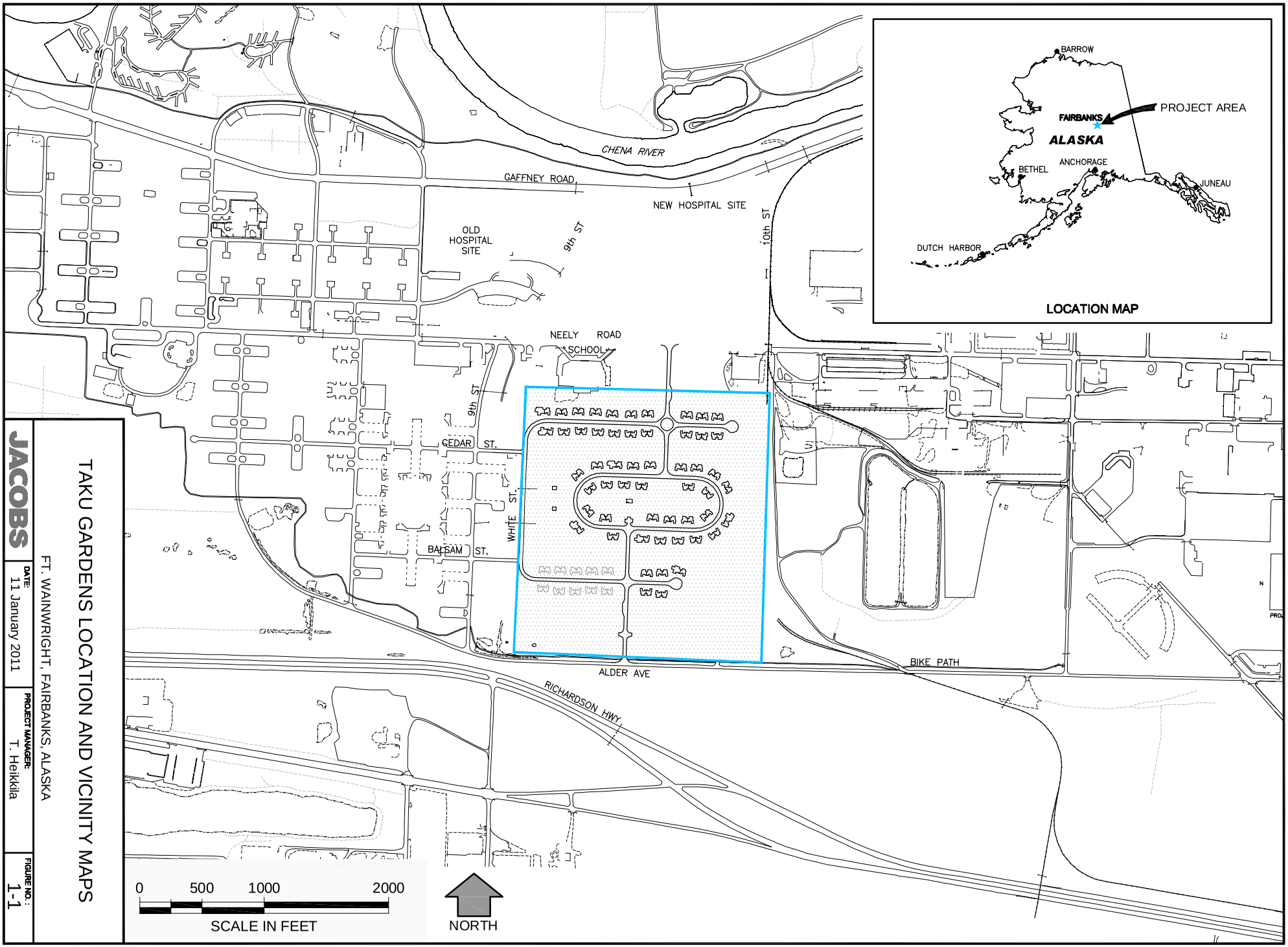
G:\Autocad\ERS-UR\05F50701\2010 Taku\2010 GW AAR\Fig 1-1 Location & Vicinity Maps.dwg Apr 13,2011 -tiedemam



TAKU GARDENS LOCATION AND VICINITY MAPS

FT. WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS

DATE: 11 January 2011

PROJECT MANAGER: T. Heikkila

FIGURE NO.: 1-1

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2.0 REGULATORY CRITERIA

Site data were compared to cleanup levels from the following guidelines to determine the nature and extent of contamination onsite:

- Alaska Department of Environmental Conservation (ADEC) 18 Alaska Administrative Code (AAC) 75.341, Method Two, under 40-inch zone, most stringent cleanup levels (ADEC 2008)
- ADEC 18 AAC 75.345, Table C, groundwater cleanup levels (ADEC 2008)

Groundwater samples were analyzed for various compounds based on which analytes have been detected during previous sampling events. A list of the analyses for each monitoring well is provided in Table 3-1. In addition to the analytes listed in Table 3-1, select wells were sampled and analyzed for monitored natural attenuation parameters in fall 2010. These results will be discussed in a separate report.

Soil samples were collected from soil borings during drilling activities for the deep well installation. A list of the analyses for each soil sample is provided in Table 3-2.

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3.0 PROJECT EXECUTION APPROACH

Two separate, biannual groundwater monitoring sampling events, and one installation and sampling event took place at the FCS during 2010. The spring monitoring event took place between 12 and 23 July 2010, and the fall monitoring event was between 25 and 30 of October. The DMW installation and sampling event was between 28 September and 10 October 2010.

Based on information from CH2M HILL (CH2M HILL 2008), it was determined that there was only one aquifer that was 300 feet thick, as opposed to two separate aquifers, one shallow and another much deeper. Based on site conditions, the following deviations to the Work Plan occurred:

- The 20-foot screened interval for DMW1 (MW91) was set at 50 to 70 feet bgs.
- The 20-foot screened interval for DMW2 (MW92) was set at 40 to 60 feet bgs.
- The total well casing for DMW 1 was 78.8 feet and for DMW2 it was 69.0 feet.
- Analytical samples were not collected at every 10-foot increment due to heavy sand heaving.

3.1 ANNUAL MONITORING EVENTS

A total of 42 wells were sampled during each the spring and fall events of 2010; these include 33 wells sampled in 2008 and 2009 and the 9 wells installed and sampled in 2009 (Figure 3-1). The analytes sampled from each well were based on the COCs observed in previous investigations. Variations from the 2009 sampling events include the removal of Northwest test methods NW EPH and NW VPH. These methods were previously employed in order to quantify risk assessment calculations and are no longer needed. Additionally, the carbon levels associated with methods NW EPH and NW VPH will be covered by Methods AK101 and AK102/103.

In accordance with the *Fort Wainwright Post Wide Work Plan* (USACE 2011c), sampling was conducted using dedicated Teflon®-lined tubing for each well and a peristaltic pump. 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 in the well. 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 (Appendix B; Table B-3-2) (USACE 2010c).

All wells sampled and the methods analyzed for each well are listed in Table 3-1.

3.2 DEEP MONITORING WELL INSTALLATION AND SAMPLING

On 10 September 2010, Jacobs personnel began field activities to prepare the area for the installation of the two DMWs (Figure 3-2). The well locations were in an area designated as having a moderate to high probability of encountering buried munitions and explosives of concern. Therefore an unexploded ordnance technician supervised the digging of one test pit at each well location prior to drilling the wells. No munitions or explosives of concern were encountered. Each test pit was dug to a depth of approximately 6 feet bgs. Field screening using a photoionization detector (PID) and soil samples were collected from each 2-foot lift (0-2, 2-4, and 4-6 feet bgs).

Drilling activities took place between 28 September and 30 September 2010. The final depth was 78.8 feet bgs for DMW1 (MW91), and 69.0 feet bgs for DMW2 (MW92). Analytical soil samples were collected from soil borings during well installation, and groundwater samples were collected from each well. Well development and groundwater sampling was completed on 9 October 2010. Groundwater samples were analyzed for GRO, DRO, RRO, RCRA metals, VOCs, PCBs, polycyclic aromatic hydrocarbon, herbicides, pesticides, and explosives. Table 3-2 presents a list of analyses for each soil sample.

Soil boring samples were collected based on field screening results within the soil boring core extracted by a drill rig. An analytical sample was collected from the soil with the highest field screening result. Each sample was collected using a new disposable sampling device or one that had been decontaminated. Groundwater samples were collected as described in Section 3.1 of this report; however, a Waterra pump was used in place of the peristaltic pump.

Groundwater wells were developed using a Waterra pump, or comparable equipment. Well development was complete when the turbidity of purge water measures less than 5 Nephelometric Turbidity Units (NTU).

Table 3-1
2010 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	10FWAMW08-GW		X	X	X	X		X	X	X	X	X	X
MW39	A	10FWAMW39-GW		X	X	X	X		X	X	X	X	X	X
MW39	A	10FWAMW39-GWB	field duplicate	X	X	X	X		X	X	X	X	X	X
MW39	A	10FWAMW39-GWMS	matrix spike	X	X	X	X		X	X	X	X	X	X
MW39	A	10FWAMW39-GWSD	matrix spike duplicate	X	X	X	X		X	X	X	X	X	X
MW40	A	10FWAMW40-GW		X	X	X	X		X	X	X	X	X	X
MW43	A	10FWAMW43-GW		X	X	X	X		X	X	X	X	X	X
MW45	A	10FWAMW45-GW		X	X	X	X		X	X	X	X	X	X
MW47	A	10FWAMW47-GW		X	X	X	X		X	X	X	X	X	X
MW48	A	10FWAMW48-GW		X	X	X	X		X	X	X	X	X	X

Table 3-1
2010 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
MW53	A	10FWAMW53-GW		X	X	X	X		X	X	X	X	X	X
MW56	A	10FWAMW56-GW		X	X	X	X		X	X	X	X	X	X
MW57	A	10FWAMW57-GW		X	X	X	X		X	X	X	X	X	X
MW61	A	10FWAMW61-GW		X	X	X	X		X	X	X	X	X	X
MW62	A	10FWAMW62-GW		X	X	X	X		X	X	X	X	X	X
MW69	A	10FWAMW69-GW		X	X	X	X		X	X	X	X	X	X
MW70	A	10FWAMW70-GW		X	X	X	X		X	X	X	X	X	X
MW78	A	10FWAMW78-GW		X	X	X	X		X	X	X	X	X	X
MW79	A	10FWAMW79-GW		X	X	X	X		X	X	X	X	X	X
MW80	A	10FWAMW80-GW		X	X	X	X		X	X	X	X	X	X
MW06A	B	10FWAMW06A-GW		X	X	X	X		X	X	X	X	X	X
MW12	B	10FWAMW12-GW		X	X	X	X		X	X	X	X	X	X
MW12	B	10FWAMW12-GWB	field duplicate	X	X	X	X		X	X	X	X	X	X
MW26	B	10FWAMW26-GW		X	X	X	X		X	X	X	X	X	X
MW33	B	10FWAMW33-GW		X	X	X	X		X	X	X	X	X	X
MW35	B	10FWAMW35-GW		X	X	X	X		X	X	X	X	X	X
MW36	B	10FWAMW36-GW		X	X	X	X		X	X	X	X	X	X
MW37	B	10FWAMW37-GW		X	X	X	X		X	X	X	X	X	X
MW38	B	10FWAMW38-GW		X	X	X	X		X	X	X	X	X	X
MW58	B	10FWAMW58-GW		X	X	X	X		X	X	X	X	X	X

Table 3-1
2010 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
MW64	B	10FWAMW64-GW		X	X	X	X		X	X	X	X	X	X
MW64	B	10FWAMW64-GWB	field duplicate	X	X	X	X		X	X	X	X	X	X
MW64	B	10FWAMW64-GWMS	matrix spike	X	X	X	X		X	X	X	X	X	X
MW64	B	10FWAMW64-GWSD	matrix spike duplicate	X	X	X	X		X	X	X	X	X	X
MW77	B	10FWAMW77-GW		X	X	X	X		X	X	X	X	X	X
MW32	C	10FWAMW32-GW		X	X	X	X		X	X	X	X	X	X
MW13	D	10FWAMW13-GW		X	X	X	X	X	X	X	X	X	X	
MW03	E	10FWAMW03-GW		X	X	X	X	X	X	X	X	X	X	
MW03	E	10FWAMW03-GWB	field duplicate (PCB only)					X						
MW03	E	10FWAMW03-GWMS	matrix spike (PCB only)					X						
MW03	E	10FWAMW03-GWSD	matrix spike duplicate (PCB only)					X						
MW76	E	10FWAMW76-GW		X	X	X	X	X	X	X	X	X	X	
MW81	E	10FWAMW81-GW		X	X	X	X	X	X	X	X	X	X	
MW82	T	10FWAMW82-GW			X					X	X		X	
MW83	T	10FWAMW83-GW			X					X	X		X	
MW84	T	10FWAMW84-GW			X					X	X		X	
MW85	T	10FWAMW85-GW			X					X	X		X	
MW85	T	10FWAMW85-GWB	field duplicate		X					X	X		X	

Table 3-1
2010 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
MW85	T	10FWAMW85-GWMS	matrix spike		X					X	X		X	
MW85	T	10FWAMW85-GWSD	matrix spike duplicate		X					X	X		X	
MW86	T	10FWAMW86-GW			X					X	X		X	
MW87	T	10FWAMW87-GW			X					X	X		X	
MW88	T	10FWAMW88-GW			X					X	X		X	
MW89	T	10FWAMW89-GW			X					X	X		X	
MW90	T	10FWAMW90-GW			X					X	X		X	

Note:

The last letter in the Sample ID was S for the spring 2010 event, and was changed to F for the fall 2010 sampling event

Table 3-2
2010 Soil Sample Plan

Location ID	Sample ID	Field QA/QC	GRO AK101	DRO/RRO 102/103	Metals SW6020 / SW7471	PCB SW8082	VOC SW8260	SVOC SW8270	Explosives SW8330	TOC
DMW1-C01	10FWA-DMW1-SO-C01		X	X	X	X	X	X	X	
DMW2-C02	10FWA-DMW2-SO-C02	MS/D	X	X	X	X	X	X	X	
DMW2-C03	10FWA-DMW2-SO-C03		X	X	X	X	X	X	X	
DMW2-C04	10FWA-DMW2-SO-C04		X	X	X	X	X	X	X	
DMW1-C05	10FWA-DMW1-SO-C05		X	X	X	X	X	X	X	X
DMW1-C06	10FWA-DMW1-SO-C06	DUP MS/D	X	X	X	X	X	X	X	
DMW1-C07	10FWA-DMW1-SO-C07		X	X	X	X	X	X	X	X

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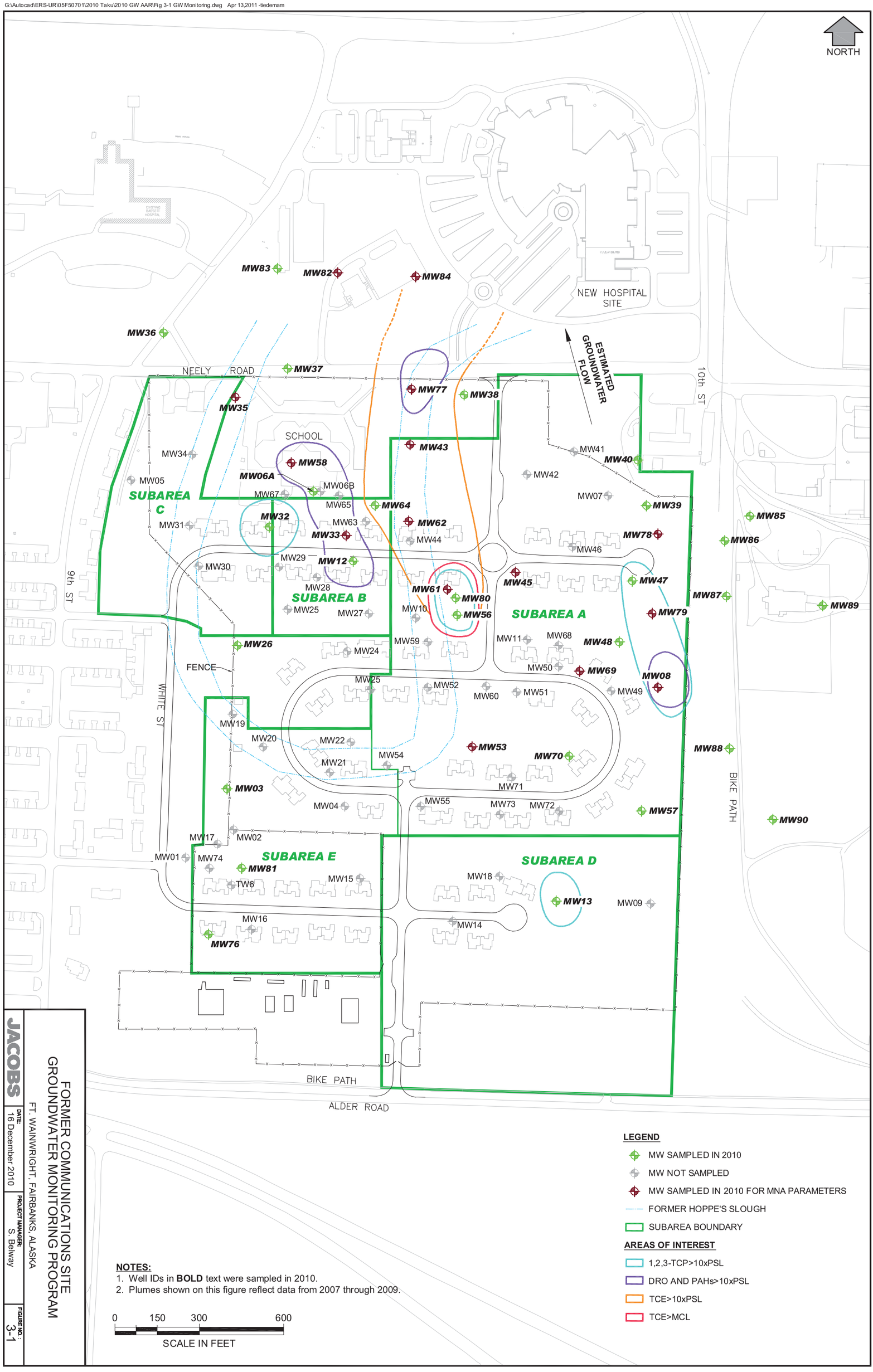

JACOBS

FORMER COMMUNICATIONS SITE
GROUNDWATER MONITORING PROGRAM

FT. WAINWRIGHT, FAIRBANKS, ALASKA

DATE: 16 December 2010

PROJECT MANAGER: S. Belway

FIGURE NO.: 3-1

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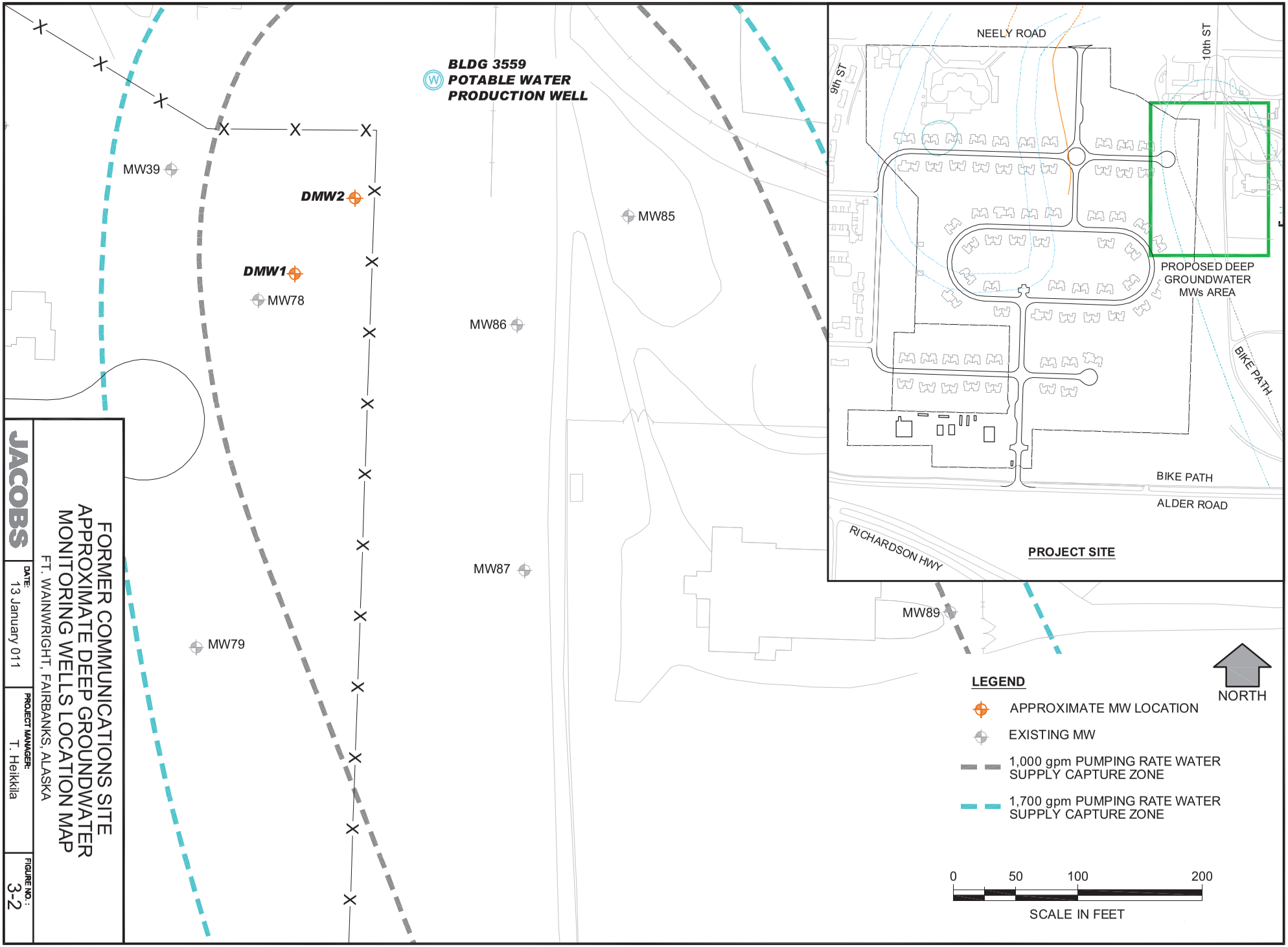

FORMER COMMUNICATIONS SITE
APPROXIMATE DEEP GROUNDWATER
MONITORING WELLS LOCATION MAP
FT. WAINWRIGHT, FAIRBANKS, ALASKA

JACOBS

DATE: 13 January 011

PROJECT MANAGER: T. Heikkila

FIGURE NO.: 3-2

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4.0 RESULTS

This section presents analytical results for the biannual and DMW sampling events.

4.1 ANNUAL MONITORING EVENTS

Groundwater samples were collected from 42 monitoring wells at the FCS during both the spring and fall events. Sample results for spring and fall events that exceeded ADEC cleanup criteria are presented in Table 4-1 and Table 4-2 respectively. Figures 4-1 and 4-2 present locations of exceedances.

Several pesticide compounds were reported by the laboratory in samples from both the spring and fall 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, which found that all the pesticide detections could be categorized as either false positive results due to interference from non-target analytes or false positive results reported as J values often with poor second column confirmation precision. Although the pesticide detections for the Taku groundwater samples were clearly suspect and did not appear to be present at the site, none of pesticide detections were deleted from the data tables in Attachment B-1. A complete discussion of the data review can be found in the Data Quality Analysis (Appendix B).

The analysis method (SW8260) used for 1,2,3 –TCP during the spring and fall sampling events did not provide a detection limit lower than the ADEC cleanup criteria; therefore, although only one well (MW79) showed an exceedance of TCP, other wells may also have been slightly above the cleanup level. However, based on historical data, it is likely that no other wells have concentrations of TCP exceeding the cleanup criteria.

Arsenic was observed above ADEC cleanup criteria in 10 groundwater samples. However, arsenic naturally occurs in the area at average concentrations of 0.036mg/L. All sample results that exceeded ADEC criteria for arsenic were below the background level, and therefore not considered a contaminant of concern at the FCS site (USACE 1994). Arsenic exceedances

have been omitted from the ADEC exceedance tables, but are included with the complete analytical results (Appendix B).

4.2 DEEP MONITORING WELL INSTALLATION AND SAMPLING

A total of seven analytical soil samples were collected during well installation. One sample was collected from each test pit (10FWA-DMW1-SO-C01 from DMW1 and 10FWA-DMW2-SO-C02 from DMW2). Two samples (10FWA-DMW1-SO-C03 and 10FWA-DMW1-SO-C04) were collected from DMW2 at depths of 13 feet bgs and from the 7.5- to 9.0-foot interval. Three samples (10FWA-DMW1-SO-C05, 10FWA-DMW1-SO-C06 (duplicate), and 10FWA-DMW1-SO-C07) were collected from DMW1 from the 13- to 15-foot interval and the 10- to 12-foot interval, respectively.

Five soil samples (10FWA-DMW1-SO-C01, 10FWA-DMW1-SO-C02, 10FWA-DMW1-SO-C04, 10FWA-DMW1-SO-C05, and 10FWA-DMW1-SO-C06) contained concentrations that exceeded ADEC cleanup criteria for arsenic (3.9 milligrams per kilogram [mg/kg]), but were below known background levels (8.46 mg/kg). One soil sample (10FWA-DMW1-SO-C01) exceeded ADEC cleanup criteria for methylene chloride (0.016 mg/kg) with a result of 0.017 mg/kg. This is believed to be due to laboratory contamination and is not considered an exceedance at the site. No other analytes exceeded ADEC cleanup criteria (Appendix B).

Three analytical groundwater samples were collected and analyzed for low-level VOCs. One groundwater sample (10FWA-TAKU-WG-DMW1) was collected from DMW1 and one groundwater sample and its duplicate (10FWA-TAKU-WG-DMW2 and 10FWA-TAKU-WG-DMW2B) were collected from DMW2. All analytes were below ADEC groundwater cleanup levels (Appendix B).

Table 4-1
Former Communications Site Spring Groundwater Sample Exceedances

Sample ID	Location ID	Analyte	ADEC Criteria (mg/L)	Result (mg/L)
10FWAMW06A-GWS	MW06A	Diesel-Range Organics (C10-C25)	1.5	9
		Residual-Range Organics (C25-C36)	1.1	1.1
10FWAMW12-GWBS	MW12	Diesel-Range Organics (C10-C25)	1.5	4.4
10FWAMW12-GWS	MW12	Diesel-Range Organics (C10-C25)	1.5	5.3
10FWAMW32-GWS	MW32	Pentachlorophenol	0.001	0.028 JL-
		Pentachlorophenol	0.001	0.018 JL-
10FWAMW33-GWS	MW33	Diesel-Range Organics (C10-C25)	1.5	10
10FWAMW36-GWS	MW36	bis-(2-Ethylhexyl)phthalate	0.006	0.028
10FWAMW47-GWS	MW47	1,2,3-Trichloropropane	0.00012	0.00043 J
10FWAMW58-GWS	MW58	Diesel-Range Organics (C10-C25)	1.5	3.3
10FWAMW61-GWS	MW61	Trichloroethene (TCE)	0.005	0.0055
		Trichloroethene (TCE)	0.005	0.0056
10FWAMW77-GWS	MW77	Diesel-Range Organics (C10-C25)	1.5	1.8
10FWAMW79-GWS	MW79	1,2,3-Trichloropropane	0.00012	0.00033 J

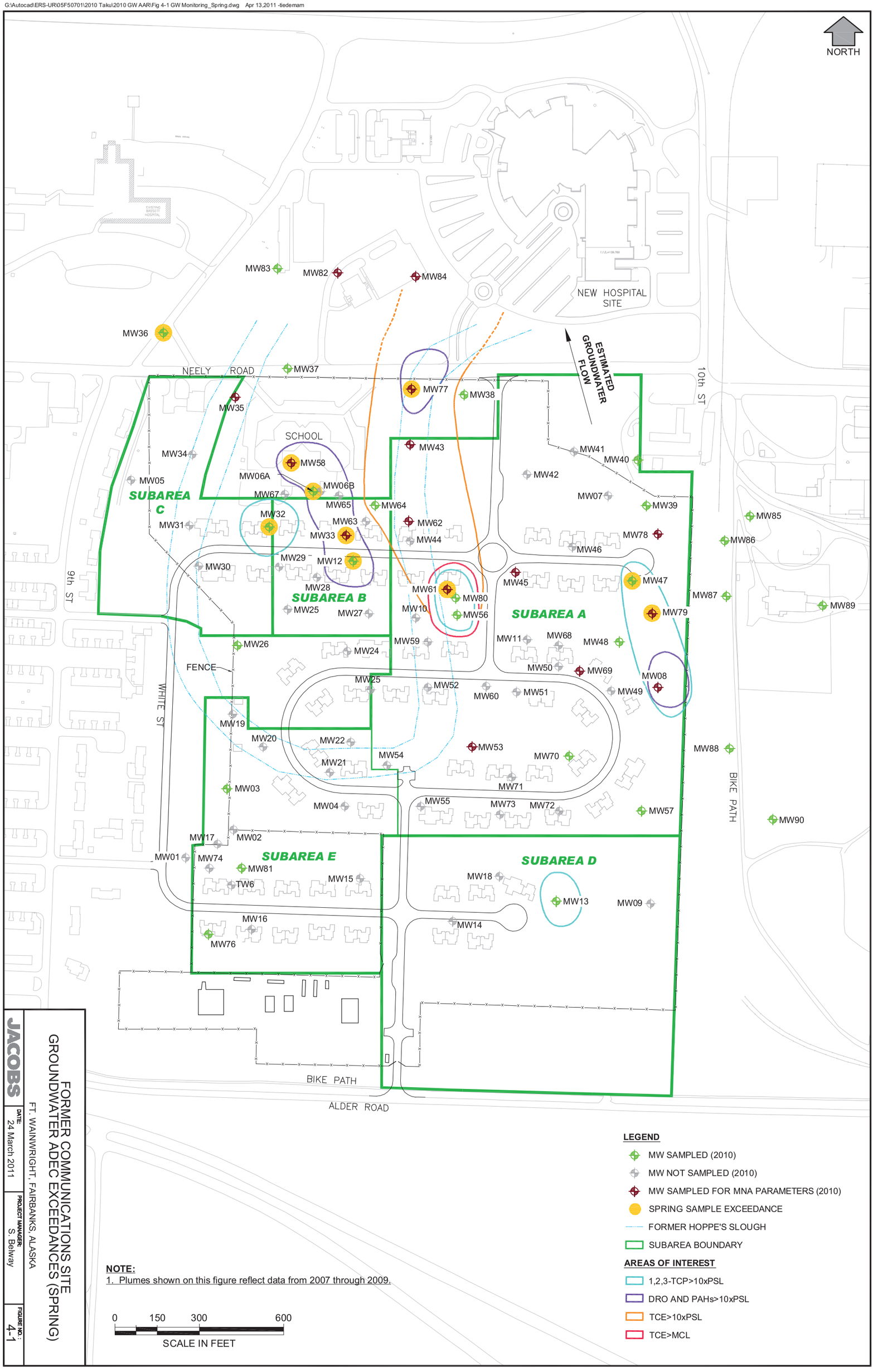
Notes:
18 AAC 75, Table C, Groundwater Cleanup Levels (ADEC 2008)
J = The analyte is present but the reported value may not be accurate or precise.
JH = The numerical result was considered an estimate because the analysis was performed at greater than the method holding time and less than twice the method holding time.
JC+ = The result was an estimated value because the analyte failed recovery criteria in the continuing calibration verification (CCV), and was biased high because the recovery exceeded the UCL.
JL- = The result was an estimated value because the analyte failed recovery criteria in the LCS or LCS duplicate (LCSD) sample or both, and was biased high because the recovery exceeded the UCL.
mg/L = milligram per liter

Table 4-2
Former Communications Site Fall Groundwater Sample Exceedances

Sample ID	Location ID	Analyte	ADEC Criteria (mg/L)	Result (mg/L)
10FWAMW06A-GWF	MW06A	Diesel-Range Organics (C10-C25)	1.5	7.2
		1,2-Dibromoethane	0.00005	0.000085 J
10FWAMW12-GWBF	MW12	Diesel-Range Organics (C10-C25)	1.5	5.1
10FWAMW12-GWF	MW12	Diesel-Range Organics (C10-C25)	1.5	6.5
10FWAMW32-GWF	MW32	bis-(2-Ethylhexyl)phthalate	0.006	0.019
10FWAMW33-GWF	MW33	Diesel-Range Organics (C10-C25)	1.5	31
		Residual-Range Organics (C25-C36)	1.1	2.1
		1,2-Dibromoethane	0.00005	0.00047 J
10FWAMW47-GWF	MW47	1,2,3-Trichloropropane	0.00012	0.0004 J
10FWAMW61-GWF	MW61	Trichloroethene (TCE)	0.005	0.0076
		Trichloroethene (TCE)	0.005	0.0075
10FWAMW62-GWF	MW62	Diesel-Range Organics (C10-C25)	1.5	29
		Residual-Range Organics (C25-C36)	1.1	4.6
10FWAMW64-GWBF	MW64	bis-(2-Ethylhexyl)phthalate	0.006	0.024
10FWAMW79-GWF	MW80	1,2,3-Trichloropropane	0.00012	0.0005 J

Notes:
18 AAC 75, Table C, groundwater cleanup levels (ADEC 2008)
J The analyte is present but the reported value may not be accurate or precise.
mg/L = milligram per liter

G:\Autocad\ERS-UR\05F50701\2010 Taku\2010 GW AAR\Fig 4-1 GW Monitoring_Spring.dwg Apr 13,2011 -tiedemam



LEGEND

- MW SAMPLED (2010)
- MW NOT SAMPLED (2010)
- MW SAMPLED FOR MNA PARAMETERS (2010)
- SPRING SAMPLE EXCEEDANCE
- FORMER HOPPE'S SLOUGH
- SUBAREA BOUNDARY

AREAS OF INTEREST

- 1,2,3-TCP>10xPSL
- DRO AND PAHs>10xPSL
- TCE>10xPSL
- TCE>MCL

NOTE:

1. Plumes shown on this figure reflect data from 2007 through 2009.

0 150 300 600

SCALE IN FEET

JACOBS

FORMER COMMUNICATIONS SITE
GROUNDWATER ADEC EXCEEDANCES (SPRING)

FT. WAINWRIGHT, FAIRBANKS, ALASKA

DATE: 24 March 2011

PROJECT MANAGER: S. Belway

FIGURE NO.: 4-1

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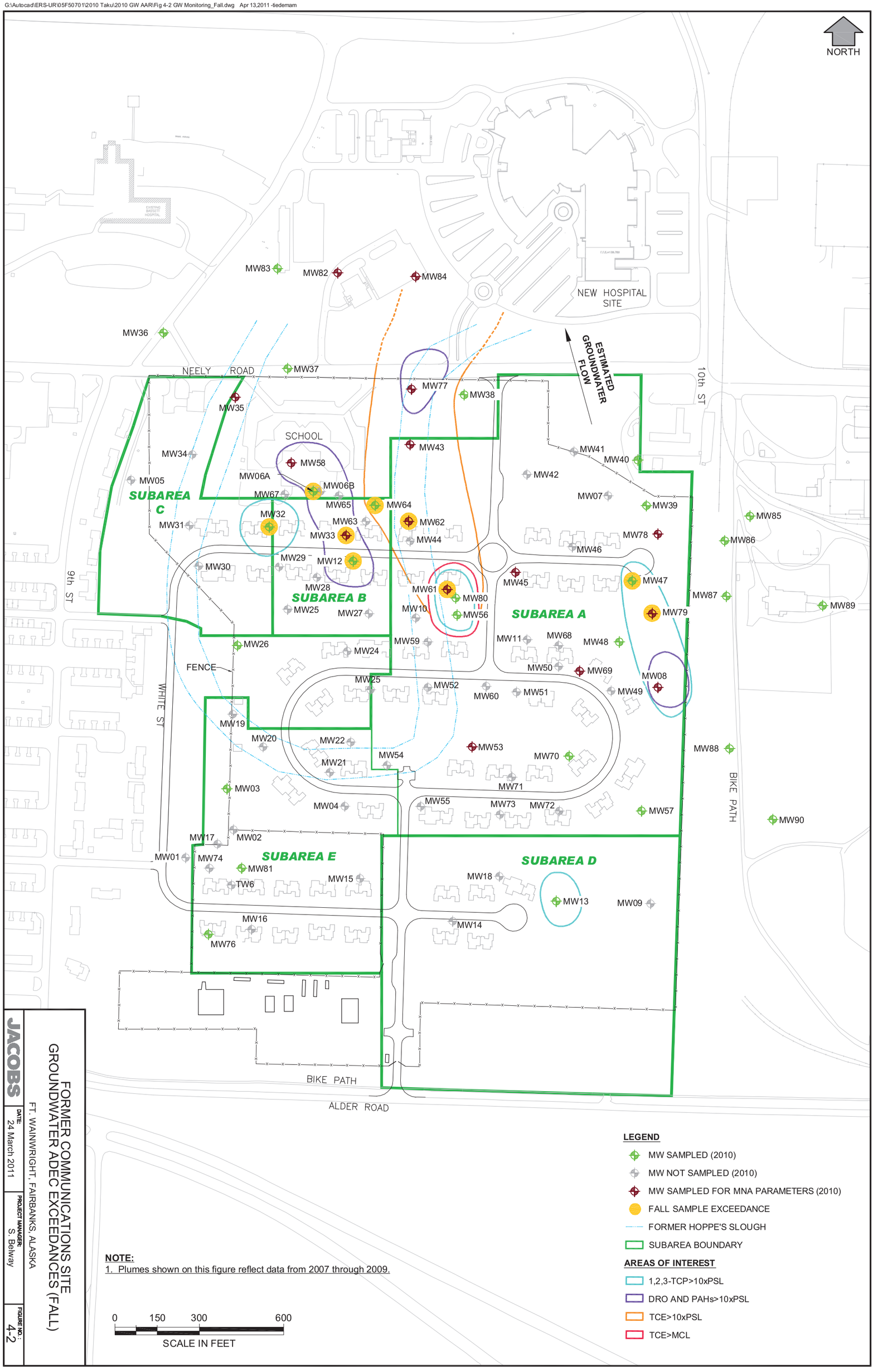
G:\Autocad\ERS-UR\05F50701\2010 Taku\2010 GW AAR\Fig 4-2 GW Monitoring_Fall.dwg Apr 13,2011 -tiedemam



LEGEND

- MW SAMPLED (2010)
- MW NOT SAMPLED (2010)
- MW SAMPLED FOR MNA PARAMETERS (2010)
- FALL SAMPLE EXCEEDANCE
- FORMER HOPPE'S SLOUGH
- SUBAREA BOUNDARY

AREAS OF INTEREST

- 1,2,3-TCP>10xPSL
- DRO AND PAHs>10xPSL
- TCE>10xPSL
- TCE>MCL

NOTE:

1. Plumes shown on this figure reflect data from 2007 through 2009.

0 150 300 600

SCALE IN FEET

JACOBS

FORMER COMMUNICATIONS SITE
GROUNDWATER ADEC EXCEEDANCES (FALL)

FT. WAINWRIGHT, FAIRBANKS, ALASKA

DATE: 24 March 2011

PROJECT MANAGER: S. Belway

FIGURE NO.: 4-2

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5.0 WASTE MANAGEMENT

5.1 ANNUAL MONITORING EVENTS

Wastewater generated during these events was containerized in 55-gallon drums. Five drums were filled with soil cuttings from the deep well installation. Full suite waste analysis was completed for characterization purposes (Appendix B). All soil and water waste is currently staged at the DERA Building 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

6.1 ANNUAL MONITORING EVENTS

The primary project objectives were to determine the nature and extent of contamination remaining in the groundwater at the FCS Site, determine whether changes had occurred since previous investigations at the site, and asses the current monitoring program. The project objectives were met. Forty-two wells were sampled and analyzed. Analytical results from the 2010 monitoring well program, as well as results from previous years, will be compared and assessed to determine the specifications for future monitoring at the site. The results of this analysis will be presented in an FCS Groundwater Long-Term Monitoring Program Recommendations Report for 2011.

6.2 DEEP MONITORING WELL INSTALLATION AND SAMPLING

The primary project objectives were to install two DMWs in order to verify the absence of 1,2,3-TCP contamination within the groundwater production wells at the FCS. No contamination was found; it is assumed that contamination is not reaching the groundwater capture zone or production wells. The DMWs will be monitored as a part of the annual groundwater monitoring events for a minimum of three events, at which point the need for continued monitoring of these wells will be re-evaluated.

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7.0 REFERENCES

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APPENDIX A

Photograph Log

Photo No. 1
Stabilizing well parameters. Spring sampling event.

Photo No. 2
View of monitoring well. Spring sampling event.

Photo No. 3
Collecting groundwater samples. Spring sampling event.

Photo No. 4
Broken lock at MW36. Spring sampling event.

Photo No. 5
Sampling activities. Spring sampling event.

Photo No. 6
Vented cable for a pressure transducer in MW40. Spring sampling event.

Photo No. 7
Sampling outside of the east boundary of Taku Gardens. Spring sampling event.

Photo No. 8
Stabilizing well parameters. Fall sampling event.

Photo No. 9
Measuring depth to groundwater. Fall sampling event.

Photo No. 10
Collecting groundwater sample. Fall sampling event.

Photo No. 11
Non-turbid water from a stabilized well. Fall sampling event.

Photo No. 12
Measuring depth to groundwater. Fall sampling event.

Photo No. 13
Test pit for DMW1. View facing south.

Photo No. 14
Test Pit for DMW 2. View facing east.

Photo No. 15
Drilling DMW2. View facing northeast.

Photo No. 16
Drilling DMW1. View facing southeast.

Photo No. 16
Decontaminating soil core sampling equipment from DMW. View looking east.

Photo No. 17
Purging DMW2 prior to sampling. View looking east.

APPENDIX B

Data Quality Assessment

2010 FORMER COMMUNICATIONS SITE GROUNDWATER MONITORING REPORT FORT WAINWRIGHT, ALASKA

APPENDIX B
DATA QUALITY ASSESSMENT

FINAL

FEBRUARY 2012

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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 As Electronic Files Separately On CD)

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ACRONYMS AND ABBREVIATIONS

ADEC	Alaska Department of Environmental Conservation
BHC	hexachlorocyclohexane
CCV	continuing calibration verification
DDE	dichlorodiphenyldichlorethene
DDT	dichlorodiphenyltrichlorethane
DL	detection limit
DoD	U.S. Department of Defense
DQA	Data Quality Assessment
DQO	data quality objective
EDB	dibromoethane
EPA	U.S. Environmental Protection Agency
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
QAPP	Quality Assurance Project Plan
QC	quality control
QSM	Quality Systems Manual
RPD	relative percent difference
UCL	upper control limit
USACE	U.S. Army Corps of Engineers
VOC	volatile organic compounds

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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 and the deep monitoring well installation completed in 2010 at Taku Gardens on Fort Wainwright, Alaska. TestAmerica Laboratories of Tacoma, Washington provided the primary analytical support, with TestAmerica Laboratories of Denver, Colorado (nitroaromatic explosive analyses) and TestAmerica Laboratories of Savannah, Georgia (methane, anion, and non-halogenated organic analyses) providing secondary support. Appendix F provides laboratory data in electronic format.

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] 2010d), the *Draft Installation of Deep Groundwater Monitoring Wells Work Plan Addendum*, Fort Wainwright, Alaska (USACE 2010a), and the *Draft Taku Gardens Groundwater Monitoring Work Plan Addendum*, Fort Wainwright, Alaska (USACE 2010b). Results were categorized as acceptable, estimated, or rejected (as described in 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

All analytical data were reviewed by the Jacobs Project Chemist. 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), levels 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 Quality Assurance Project Plan (QAPP), Appendix C to the Work Plan (USACE 2010d).

Analytical results were evaluated against DQOs listed in the QAPP (USACE 2010d); the U.S. Department of Defense (DoD) *Quality Systems Manual for Environmental Laboratories* (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 – 2010

	Analytical Method														
Sample Type	**AK101**	**AK102**	**AK103**	**SW6010/ SW6020A**	**SW7471A**	**SW8081A**	**SW8082**	**SW8151A**	**SW8260B**	**SW8260B Low Level**	**SW8270C /SW8270 C SIM**	**SW8321A**	**General Chem.**	**RSK-175**	**SW8015**
LCS Recovery Limits	60 - 120 %	75 - 125%	60 - 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	Method Specific	Method Specific	Laboratory Determined
LCS RPD	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%
Surrogate Recovery	50 - 150%	50 - 150%	50 - 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	-	-	Laboratory Determined
MS Recovery	60 - 120 %	75 - 125%	60 - 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	Laboratory Determined	Laboratory Determined	Laboratory Determined
MS Recovery RPD	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%	30%

Notes:
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.

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.

JC(±) The result was an estimated value because the analyte failed recovery criteria in the CCV. The result was either biased low because the CCV recovery was less than the LCL or biased high because the recovery exceeded the UCL.

JD The result was qualified because the RPD between the regular sample and the field duplicate sample exceeded 50 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.

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 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 fall 2010 sampling, results for pentachlorophenol in eight samples were rejected (flagged R), resulting in a greater than 99 percent completeness for semivolatile organic compound 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 according to 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, as outlined in the QAPP (USACE 2010d), was not met. Although the field duplicate collection frequency of 10 percent was not met for several methods, the frequency described in the *2010 Taku Gardens Groundwater Monitoring Technical Memorandum* was followed (USACE 2010c).

Tables B-2 and B-3 list the analytical methods and associated field QC sample frequency for the spring and fall 2010 sampling events, respectively.

Table B-2
Field and Quality Control Sample Quantities – Spring 2010

	Analytical Method												
Sample Type	**AK101**	**AK102**	**AK103**	**SW6010B/ SW6020A**	**SW7470A**	**SW8081A**	**SW8082**	**SW8151A**	**SW8260B**	**SW8260B Low Level**	**SW8270C**	**SW8270C SIM**	**SW8321A**
Primary	33	42	42	33	33	33	8	33	42	42	33	42	29
Field Duplicate	3	4	4	3	3	3	2	3	4	4	3	4	3
MS	4	4	4	5	4	4	2	2	3	3	4	5	4
MSD	4	4	4	5	4	4	2	2	3	3	4	5	4

Note:
For definitions, see the Acronyms and Abbreviations section.

Table B-3
Field and Quality Control Sample Quantities – Fall 2010

	Analytical Method															
Sample Type	**AK101**	**AK102**	**AK103**	**SW6010B/ SW6020A**	**SW7470A**	**SW8081A**	**SW8082**	**SW8151A**	**SW8260B**	**SW8260B Low Level**	**SW8270C**	**SW8270C SIM**	**SW8321A**	**General Chem.**	**RSK-175**	**SW8015**
Primary	32	41	41	34	34	32	4	32	41	41	32	41	29	26	26	2
Field Duplicate	4	4	4	4	4	4	1	4	4	4	4	4	3	3	3	-
MS	3	3	3	3	3	3	4	2	3	3	2	3	2	-	2	-
MSD	3	3	3	3	3	3	4	2	3	3	2	3	2	-	2	-

Note:
For definitions, see the Acronyms and Abbreviations section.

2.2 SAMPLE HANDLING

A total of 73 coolers were submitted over the course of the spring 2010 groundwater monitoring sampling event. A total of 53 coolers were submitted over the course of the fall 2010 groundwater monitoring sampling event. All coolers were received intact with temperatures of 6 degrees Celsius or less.

2.3 HOLDING TIMES

2.3.1 Spring Sampling Event

Four samples were analyzed outside of the method-specified holding time. The affected samples were 10FWATB03-GWS and 10FWATB04-GWS (analyzed for volatile organic compounds (VOC) by the low level Method SW8260L) and samples 10FWAMW84-GWS and 10FWATB08-GWS (analyzed for VOCs by Method SW8260).

2.3.2 Fall Sampling Event

Six samples were analyzed outside of the method-specified holding time. The affected samples were 10FWAMW48-GWF and 10FWAMW56-GWF (analyzed for non-halogenated organics by EPA method SW8015B), and samples 10FWAMW53-GWF, 10FWAMW57-GWF, 10FWAMW69-GWF and 10FWAMW70-GWF (analyzed for nitroaromatic explosives by EPA Method SW8321A).

Although the samples were analyzed past the method-specified holding time, they were analyzed within twice the recommended holding time. All affected results are flagged with the JH qualifier and are considered estimated. Only one sample was analyzed past the holding time for VOCs, sample 10FWAMW84-GWS, which may be biased low. All other samples qualified JH were analyzed by more stable methods and likely were not affected. The JH qualified results are presented in Attachment B-2, Tables B-2-1 and B-2-2.

2.4 METHOD BLANKS AND TRIP BLANKS

2.4.1 Spring Sampling Event

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

- SW8260B: 1,2,4-trimethylbenzene, 4-isopropyltoluene, acetone, isopropylbenzene, methylene chloride, n-butylbenzene, n-propylbenzene, tetrachloroethene (PCE), and toluene.
- SW8260L: PCE and 1,2-dichloroethane
- AK101: GRO
- SW8270C: benzyl alcohol, benzyl butyl phthalate, chrysene, diethyl phthalate, dimethyl phthalate, di-n-butyl phthalate, and phenol
- SW8270C SIM: 2-methylnaphthalene, chrysene, and phenanthrene
- SW6020: antimony, arsenic, chromium, selenium, and thallium

2.4.2 Fall Sampling Event

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

- SW8260B: acetone and methylene chloride
- SW8260B Low Level: tetrachloroethene and trichloroethene
- SW8270C: benzyl alcohol, benzyl butyl phthalate, diethylphthalate, di-n-butylphthalate, and 4-chloro-3-methylphenol
- SW8270C SIM: phenanthrene and pyrene
- SW6020: arsenic, chromium, thallium, and vanadium

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 and B-2-4. B-flagged results are likely due to laboratory contamination and are not representative of the actual sample concentration.

All project sample results that were qualified with the B flag were less than the corresponding ADEC Table C cleanup levels (ADEC 2008) with the exception of arsenic. Although arsenic was found above the ADEC Table C cleanup level, the concentration of arsenic found in the groundwater samples are consistent with background levels found on Fort Wainwright (USACE 1994).

2.5 LABORATORY CONTROL SAMPLE RECOVERY

2.5.1 Spring Sampling Event

The LCS and LCSD recovery for several analytes associated with samples of the spring 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 Low Level: 1,1-dichloroethene (biased high)
- SW8270C: benzyl butyl phthalate (biased high), di-n-butyl phthalate (biased high), and pentachlorophenol (biased low)
- SW8270C SIM: pentachlorophenol (biased low)
- SW8081A: delta- hexachlorocyclohexane (BHC) (biased low)

2.5.1.1 Fall Sampling Event

The LCS and LCSD recovery for several analytes associated with samples of the fall 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 high)
- SW8270C: benzyl butyl phthalate (biased high) and pentachlorophenol (biased low and less than 10 percent)
- SW8270C SIM: pentachlorophenol (biased low)
- SW8081A: alpha-chlordane (biased low) and beta-BHC (biased low)

Sample results were qualified with the JL+ or JL- flag when the associated LCS/LCSD recovery was outside of recovery goals. In extreme cases where the LCS/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/LCSD recovery exceedances are presented in Attachment B-2, Tables B-2-5 and B-2-6.

The majority of the sample results flagged for LCS recovery exceedances were qualified using the JL+ or the JL- flag, except the pentachlorophenol results associated with extraction batch 74678. 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 pentachlorophenol results. Pentachlorophenol recovery for the LCS and LCSD in batch 74678 was below 10 percent and required the R qualifier tor samples 10FWAMW08-GWF, 10FWAMW37-GWF, 10FWAMW39-GWBF, 10FWAMW40-GWF, 10FWAMW47-GWF, 10FWAMW48-GWF, and 10FWAMW79-GWF. Although the laboratory re-extracted the affected samples, the re-extraction occurred at a date greater than twice the method-specified hold time again resulting in data that was considered unusable.

2.6 LABORATORY CONTROL SAMPLE PRECISION

2.6.1 Spring Sampling Event

The RPDs for all LCS/LCSD pairs in all methods met precision goals for the spring event.

2.6.2 Fall Sampling Event

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

- SW8270C: Extraction batch 74886 (n-nitrosodiphenylamine, 3,3’-dichlorobenzidine, and di-n-octylphthalate)
- SW8081A: Extraction batch 74885 (4,4-dichlorodiphenyltrichlorethane [DDT} and endrin aldehyde)
- SW8151A: Extraction batch 74867 (dinoseb)

Although the precision goals for the analytes listed above did not meet goals, the results were not significantly affected, because these analytes were not found in the associated samples.

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 SW8260 and SW8270, results were qualified if two or more surrogates failed recovery criteria.

2.7.1 Spring Sampling Event

One surrogate in sample 10FWAMW06A-GWS was recovered above the UCL for method SW8081. All associated results were nondetect except 4,4'-dichlorodiphenyldichlorethene (DDE) and was qualified as estimated with a possible high bias (flagged JS+). Sample 10FWAMW37-GWS using Method SW8081 and sample 10FWAMW76-GWS using Method SW8082 each had a surrogate recovery less than the LCL. All results in these samples were qualified as estimated with a possible low bias (flagged JS-).

2.7.2 Fall Sampling Event

Surrogate recoveries were less than their respective LCLs in several different analyses by several different methods. All affected results were qualified as estimated with a possible low bias (flagged JS-). The nondetect results for method SW8270C analysis on sample 10FWAMW62-GWF were qualified as estimated (flagged JS) due to one surrogate recovered above its UCL and one surrogate recovered below its LCL.

Sample results qualified due to surrogate outliers are summarized in Attachment B-2, Tables B-2-7 and B-2-8. 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.

2.8.1 Spring Sampling Event

Several MS and/or MSD had recoveries outside the target limits and were qualified where appropriate. There was 0 percent MS/MSD recoveries for 3,3'-dichlorobenzidine in parent samples 10FWAMW03-GWS, 10FWAMW39-GWS, 10FWAMW43-GWS, and 10FWAMW64-GWS.

2.8.2 Fall Sampling Event

Several MS and/or MSD had recoveries outside the target limits and were qualified with the JM+ or JM- data flags. The usability of the JM+ or JM- qualified data was not significantly affected because these flagged results were below the action levels. A total of two 3,3'-dichlorobenzidine results were qualified with the R flag in samples 10FWAMW39-GWF and 10FWAMW64-GWF because the associated MS/MSD had 0 percent recovery. The ,3'-dichlorobenzidine results for the R qualified data are not usable.

Attachment B-2, Tables B-2-9 and B-2-10, 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 (20 percent for AK and metals methods). These exceedances were likely due to matrix effects 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 (or 20 percent) are detailed on the individual ADEC checklists in Attachment B-3.

2.10 CALIBRATION VERIFICATIONS

2.10.1 Spring Sampling Event

A total of three calibration verification samples had recoveries that were outside QC goals and resulted in sample qualification. The following methods were affected:

- SW8260B: 1,1-dichloroethene
- SW8270C: bis-(2-ethylhexyl)phthalate, benzoic acid
- SW8081A: 4,4-DDT, alpha-BHC, and gamma-BHC (Lindane)

2.10.2 Fall Sampling Event

A single calibration verification sample recovery was outside QC goals and resulted in a sample qualification. The following method was affected:

- SW8260B: Acetone

Sample results were qualified with the JC+ flag when the associated calibration verification recovery was outside of the project goals. These qualified results were considered estimated with a potential high bias. The JC+ qualified results are presented in Attachment B-2, Table B-2-11. The data usability of these qualified results was not significantly affected because the results were below the associated ADEC Table C action levels (ADEC 2008).

2.11 FIELD DUPLICATE PRECISION

Field duplicate precision was evaluated against the recommended RPD limit of 30 percent (20 percent for AK and metals methods) for aqueous samples (ADEC 2009), as stated in the ADEC laboratory data review checklist.

All results were evaluated, but only results where the values exceeded the LOQ were qualified based on RPD exceedances. Results qualified due to RPD exceedances (coded JD) are shown in Attachment B-2, Table B-2-12 and B-2-13. 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 DLs 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: 1,2-dibromoethane (EDB) (ADEC action level 0.00005 mg/L) and 1,2,3-trichloropropane (ADEC action level 0.00012 mg/L)

Note that the laboratory DL is less than the ADEC action level for EDB in samples analyzed by the SW8260B Low Level method. The analysis of 1,2,3-trichloropropane by Method SW8260 Low Level had been requested, but the laboratory inadvertently overlooked the analysis for this compound.

The DLs for a few analytes were greater than the ADEC cleanup levels due to matrix interference in the internal standards. Dilutions were required in the following samples:

- **SW8270 SIM: dibenz(a,h)anthracene** (10FWAMW06A-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, and 10FWAMW33-GWS)
- **SW8270: n-nitrosodi-n-propylamine** (10FWAMW06A-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW33-GWF), **n-nitrosodimethylamine** (10FWAMW06A-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, and 10FWAMW33-GWS), and **bis-(2-ethylhexyl)phthalate** (10FWAMW33-GWS)

Nondetect sample results with DLs exceeding ADEC cleanup criteria are shown in Attachment B-2, Table B-2-14 and B-2-15.

Note that the [ ] results reported in Attachment B-1 are the laboratory LOQ values for both detect and nondetect results to keep the data consistent. This is due to the Tacoma and Denver laboratory reporting the LOQ and limits of detection and the Savannah laboratory reporting the LOQ and DL in the electronic data deliverable.

2.13 PESTICIDE DETECTIONS BY METHOD SW8081A

Several pesticide compounds were reported by the laboratory in samples from both the spring and fall 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.

The Jacobs review of the 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 10FWAMW06A-GWS, 10FWAMW06A-GWF, 10FWAMW12-GWS, 10FWAMW12-GWF, 10FWAMW12-GWBF, 10FWAMW33-GWS, 10FWAMW33-GWF, 10FWAMW62-GWS, and 10FWAMW62-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 10FWAMW37-GWS, 10FWAMW38-GWS, 10FWAMW39-GWBS, 10FWAMW77-GWS, 10FWAMW78-GWS, and 10FWA-Taku-WW-W01. All of the reported pesticides associated with this group were reported well below the limit of quantitation 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 the pesticide detections for the Taku groundwater samples were clearly suspect and did not appear to be truly present at the site, none of pesticide detections were deleted from the data tables in Attachment B-1.

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3.0 CONCLUSION

In general, the overall quality of the project data was acceptable. Although eight data points were qualified R and rejected due to low LCS recoveries (pentachlorophenol), the project completeness goal of 95 percent was met. Several pesticide compounds were reported in samples from both the spring and fall 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. All the remaining data is considered usable with the limitations discussed in this DQA and the ADEC Laboratory Data Review Checklists (Attachment B-3).

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4.0 REFERENCES

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ATTACHMENT B-1

Sample Summary and Analytical Data Tables

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku001	Goofy	580-20463	10FWAMW13-GWS	MW13	7/12/2010	1242	CJ/AC	8	Amber	1 L	4°C	GW	SW8081, SW8082, SW8151, SW8270, SW8270 SIM	
05F50701	2010FWATaku001	Goofy	580-20463	10FWAMW13-GWS	MW13	7/12/2010	1242	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku002	Pluto	580-20463	10FWAMW13-GWS	MW13	7/12/2010	1242	CJ/AC	2	Amber	1 L	4°C	GW	SW8081, SW8082, SW8151, SW8270, SW8270 SIM	
05F50701	2010FWATaku002	Pluto	580-20463	10FWAMW13-GWS	MW13	7/12/2010	1242	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku002	Pluto	580-20463	10FWAMW78-GWS	MW78	7/12/2010	1634	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku002	Pluto	580-20463	10FWAMW78-GWS	MW78	7/12/2010	1634	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku002	Pluto	580-20463	10FWAMW78-GWS	MW78	7/12/2010	1634	CJ/AC	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku003	Alladin	580-20463	10FWAMW78-GWS	MW78	7/12/2010	1634	CJ/AC	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku004	Jasmine	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku005	Sebastian	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku006	Flounder	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku006	Flounder	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	MS/MSD
05F50701	2010FWATaku007	Ursala	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	6	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku007	Ursala	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	MS/MSD
05F50701	2010FWATaku007	Ursala	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	MS/MSD
05F50701	2010FWATaku008	Belle	580-20463	10FWAMW39-GWBS	MW39	7/12/2010	1345	CJ/AC	4	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP, MS/MSD
05F50701	2010FWATaku008	Belle	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	4	Amber	1 L	4°C, HCl	GW	AK102/103	MS/MSD
05F50701	2010FWATaku008	Belle	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	MS/MSD
05F50701	2010FWATaku009	Cindarella	580-20463	10FWAMW39-GWBS	MW39	7/12/2010	1345	CJ/AC	6	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku009	Cindarella	580-20463	10FWAMW39-GWBS	MW39	7/12/2010	1345	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	DUP
05F50701	2010FWATaku009	Cindarella	580-20463	10FWAMW39-GWBS	MW39	7/12/2010	1345	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	DUP
05F50701	2010FWATaku010	Snow White	580-20463	10FWAMW13-GWS	MW13	7/12/2010	1242	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku010	Snow White	580-20463	10FWAMW78-GWS	MW78	7/12/2010	1634	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku010	Snow White	580-20463	10FWAMW39-GWS	MW39	7/12/2010	1345	CJ/AC	27	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	MS/MSD
05F50701	2010FWATaku010	Snow White	580-20463	10FWAMW39-GWBS	MW39	7/12/2010	1345	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	DUP
05F50701	2010FWATaku010	Snow White	580-20463	10FWATB01-GWBS	TB01	7/12/2010	0800	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku011	Bambi	580-20475	10FWAMW47-GWS	MW47	7/13/2010	1357	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku011	Bambi	580-20475	10FWAMW47-GWS	MW47	7/13/2010	1357	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku012	Mickey	580-20475	10FWAMW47-GWS	MW47	7/13/2010	1357	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku012	Mickey	580-20475	10FWAMW47-GWS	MW47	7/13/2010	1357	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku012	Mickey	580-20475	10FWAMW48-GWS	MW48	7/13/2010	1536	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku012	Mickey	580-20475	10FWAMW48-GWS	MW48	7/13/2010	1536	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku013	Minnie	580-20475	10FWAMW48-GWS	MW48	7/13/2010	1536	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku013	Minnie	580-20475	10FWAMW48-GWS	MW48	7/13/2010	1536	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku014	Daffy	580-20482	10FWAMW79-GWS	MW79	7/13/2010	1419	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku014	Daffy	580-20482	10FWAMW79-GWS	MW79	7/13/2010	1419	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku015	Ariel	580-20482	10FWAMW79-GWS	MW79	7/13/2010	1419	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku015	Ariel	580-20482	10FWAMW79-GWS	MW79	7/13/2010	1419	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku015	Ariel	580-20482	10FWAMW69-GWS	MW69	7/13/2010	1624	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku015	Ariel	580-20482	10FWAMW69-GWS	MW69	7/13/2010	1624	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku016	King Titan	580-20482	10FWAMW69-GWS	MW69	7/13/2010	1624	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku016	King Titan	580-20482	10FWAMW69-GWS	MW69	7/13/2010	1624	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku017	Sleepy	580-20482	10FWAMW61-GWS	MW61	7/13/2010	0931	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku017	Sleepy	580-20482	10FWAMW61-GWS	MW61	7/13/2010	0931	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku018	Grumpy	580-20482	10FWAMW61-GWS	MW61	7/13/2010	0931	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku018	Grumpy	580-20482	10FWAMW61-GWS	MW61	7/13/2010	0931	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku018	Grumpy	580-20482	10FWAMW56-GWS	MW56	7/13/2010	1104	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku018	Grumpy	580-20482	10FWAMW56-GWS	MW56	7/13/2010	1104	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku019	Dopey	580-20482	10FWAMW56-GWS	MW56	7/13/2010	1104	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku019	Dopey	580-20482	10FWAMW56-GWS	MW56	7/13/2010	1104	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku020	Doc	580-20482	10FWAMW80-GWS	MW80	7/13/2010	0954	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku020	Doc	580-20482	10FWAMW80-GWS	MW80	7/13/2010	0954	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW80-GWS	MW80	7/13/2010	0954	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW80-GWS	MW80	7/13/2010	0954	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW80-GWS	MW80	7/13/2010	0954	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW56-GWS	MW56	7/13/2010	1104	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW61-GWS	MW61	7/13/2010	0931	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW69-GWS	MW69	7/13/2010	1624	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW79-GWS	MW79	7/13/2010	1419	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW48-GWS	MW48	7/13/2010	1536	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku021	Bashful	580-20482	10FWAMW47-GWS	MW47	7/13/2010	1357	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku021	Bashful	580-20482	10FWATB02-GWS	TB02	7/13/2010	0800	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku022	Sneezy	580-20484	10FWAMW53-GWS	MW53	7/14/2010	1221	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku022	Sneezy	580-20484	10FWAMW53-GWS	MW53	7/14/2010	1221	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku023	Happy	580-20484	10FWAMW53-GWS	MW53	7/14/2010	1221	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku023	Happy	580-20484	10FWAMW53-GWS	MW53	7/14/2010	1221	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku023	Happy	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	4	amber	1 L	4°C, HCl	GW	AK102/103	MS/MSD
05F50701	2010FWATaku024	Lady	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	MS/MSD
05F50701	2010FWATaku024	Lady	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	4	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku024	Lady	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	MS/MSD
05F50701	2010FWATaku024	Lady	580-20484	10FWAMW64-GWBS	MW64	7/14/2010	1531	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	DUP, MS/MSD
05F50701	2010FWATaku025	Tramp	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM	MS/MSD
05F50701	2010FWATaku025	Tramp	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	MS/MSD
05F50701	2010FWATaku026	Tinkerbell	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku026	Tinkerbell	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	MS/MSD
05F50701	2010FWATaku027	Peter Pan	580-20484	10FWAMW64-GWBS	MW64	7/14/2010	1531	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM	DUP, MS/MSD
05F50701	2010FWATaku027	Peter Pan	580-20484	10FWAMW64-GWBS	MW64	7/14/2010	1531	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	DUP, MS/MSD
05F50701	2010FWATaku028	Wendy	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	6	amber	1 L	4°C	GW	SW8321	MS/MSD
05F50701	2010FWATaku028	Wendy	580-20484	10FWAMW64-GWBS	MW64	7/14/2010	1531	CJ/AC	2	amber	1 L	4°C	GW	SW8321	DUP, MS/MSD
05F50701	2010FWATaku029	Thumper	580-20484	10FWAMW26-GWS	MW26	7/14/2010	1007	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku029	Thumper	580-20484	10FWAMW26-GWS	MW26	7/14/2010	1007	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku030	Flower	580-20484	10FWAMW26-GWS	MW26	7/14/2010	1007	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku030	Flower	580-20484	10FWAMW26-GWS	MW26	7/14/2010	1007	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku030	Flower	580-20484	10FWAMW70-GWS	MW70	7/14/2010	1207	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku030	Flower	580-20484	10FWAMW70-GWS	MW70	7/14/2010	1207	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku031	Robin Hood	580-20484	10FWAMW70-GWS	MW70	7/14/2010	1207	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku031	Robin Hood	580-20484	10FWAMW70-GWS	MW70	7/14/2010	1207	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku032	Maid Marion	580-20484	10FWAMW62-GWS	MW62	7/14/2010	1619	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku032	Maid Marion	580-20484	10FWAMW62-GWS	MW62	7/14/2010	1619	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku033	Friar Tuck	580-20484	10FWAMW62-GWS	MW62	7/14/2010	1619	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku033	Friar Tuck	580-20484	10FWAMW62-GWS	MW62	7/14/2010	1619	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku033	Friar Tuck	580-20484	10FWAMW62-GWS	MW62	7/14/2010	1619	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku033	Friar Tuck	580-20484	10FWAMW53-GWS	MW53	7/14/2010	1221	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku033	Friar Tuck	580-20484	10FWAMW26-GWS	MW26	7/14/2010	1007	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku033	Friar Tuck	580-20484	10FWATB03-GWS	TB03	7/14/2010	0800	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku034	King Richard	580-20484	10FWAMW70-GWS	MW70	7/14/2010	1207	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku034	King Richard	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	27	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	MS/MSD
05F50701	2010FWATaku034	King Richard	580-20484	10FWAMW64-GWBS	MW64	7/14/2010	1531	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	DUP, MS/MSD
05F50701	2010FWATaku034	King Richard	580-20484	10FWATB04-GWS	TB04	7/14/2010	0805	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku034	King Richard	580-20484	10FWAMW64-GWS	MW64	7/14/2010	1531	CJ/AC	4	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku035	Nemo	580-20526	10FWAMW33-GWS	MW33	7/15/2010	0930	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku035	Nemo	580-20526	10FWAMW33-GWS	MW33	7/15/2010	0930	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku036	Crush	580-20526	10FWAMW33-GWS	MW33	7/15/2010	0930	CJ/AC	2	Amber	1 L	4°C	GW	SW8081, SW8321, SW8151, SW8270, SW8270 SIM	
05F50701	2010FWATaku036	Crush	580-20526	10FWAMW33-GWS	MW33	7/15/2010	0930	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku036	Crush	580-20526	10FWAMW32-GWS	MW32	7/15/2010	1125	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku036	Crush	580-20526	10FWAMW32-GWS	MW32	7/15/2010	1125	CJ/AC	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku037	Dori	580-20526	10FWAMW32-GWS	MW32	7/15/2010	1125	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku037	Dori	580-20526	10FWAMW32-GWS	MW32	7/15/2010	1125	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku038	Squirt	580-20526	10FWAMW12-GWS	MW12	7/15/2010	0928	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku038	Squirt	580-20526	10FWAMW12-GWS	MW12	7/15/2010	0928	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku039	Marlin	580-20526	10FWAMW12-GWBS	MW12	7/15/2010	0928	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku039	Marlin	580-20526	10FWAMW12-GWBS	MW12	7/15/2010	0928	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	DUP

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku040	Nigel	580-20526	10FWAMW12-GWS	MW12	7/15/2010	0928	CJ/AC	2	Amber	1 L	4°C	GW	SW8081, SW8321, SW8151, SW8270, SW8270 SIM	
05F50701	2010FWATaku040	Nigel	580-20526	10FWAMW12-GWS	MW12	7/15/2010	0928	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku040	Nigel	580-20526	10FWAMW12-GWBS	MW12	7/15/2010	0928	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	DUP
05F50701	2010FWATaku040	Nigel	580-20526	10FWAMW12-GWBS	MW12	7/15/2010	0928	CJ/AC	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku041	Bruce	580-20526	10FWAMW03-GWS	MW03	7/15/2010	1447	CJ/AC	9	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	
05F50701	2010FWATaku042	Mulan	580-20526	10FWAMW03-GWS	MW03	7/15/2010	1447	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku042	Mulan	580-20526	10FWAMW03-GWS	MW03	7/15/2010	1447	CJ/AC	4	Amber	1 L	4°C	GW	SW8082	MS/MSD
05F50701	2010FWATaku042	Mulan	580-20526	10FWAMW03-GWS	MW03	7/15/2010	1447	CJ/AC	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku042	Mulan	580-20526	10FWAMW03-GWBS	MW03	7/15/2010	1447	CJ/AC	2	Amber	1 L	4°C	GW	SW8082	DUP
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW33-GWS	MW33	7/15/2010	0930	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW32-GWS	MW32	7/15/2010	1125	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW12-GWS	MW12	7/15/2010	0928	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW12-GWBS	MW12	7/15/2010	0928	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	DUP
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW03-GWS	MW03	7/15/2010	1447	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW76-GWS	MW76	7/16/2010	0946	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW81-GWS	MW81	7/16/2010	1201	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW58-GWS	MW58	7/17/2010	1417	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW36-GWS	MW36	7/17/2010	1342	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW35-GWS	MW35	7/17/2010	1019	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW37-GWS	MW37	7/17/2010	1010	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW43-GWS	MW43	7/19/2010	1143	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW38-GWS	MW38	7/19/2010	1555	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW06A-GWS	MW06A	7/19/2010	1206	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW57-GWS	MW57	7/19/2010	0941	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWAMW08-GWS	MW08	7/19/2010	0946	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku043	Mushu	580-20601	10FWATB05-GWS	TB05	7/15/2010	0805	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	TB
05F50701	2010FWATaku044	Buzz Lightyear	580-20526	10FWAMW76-GWS	MW76	7/16/2010	0946	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	
05F50701	2010FWATaku044	Buzz Lightyear	580-20526	10FWAMW76-GWS	MW76	7/16/2010	0946	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku045	Woody	580-20526	10FWAMW81-GWS	MW81	7/16/2010	1201	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	
05F50701	2010FWATaku045	Woody	580-20526	10FWAMW81-GWS	MW81	7/16/2010	1201	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku046	Jessie	580-20526	10FWAMW76-GWS	MW76	7/16/2010	0946	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	
05F50701	2010FWATaku046	Jessie	580-20526	10FWAMW76-GWS	MW76	7/16/2010	0946	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku046	Jessie	580-20526	10FWAMW81-GWS	MW81	7/16/2010	1201	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku046	Jessie	580-20526	10FWAMW81-GWS	MW81	7/16/2010	1201	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	
05F50701	2010FWATaku047	Mowgli	580-20605	10FWAMW08-GWS	MW08	7/19/2010	0946	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku047	Mowgli	580-20605	10FWAMW08-GWS	MW08	7/19/2010	0946	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku047	Mowgli	580-20605	10FWAMW82-GWS	MW82	7/20/2010	1451	CJ/AC	2	amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku047	Mowgli	580-20605	10FWAMW82-GWS	MW82	7/20/2010	1451	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku048	Baloo	580-20526	10FWAMW36-GWS	MW36	7/17/2010	1342	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku048	Baloo	580-20526	10FWAMW36-GWS	MW36	7/17/2010	1342	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku049	King Louie	580-20526	10FWAMW58-GWS	MW58	7/17/2010	1417	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku049	King Louie	580-20526	10FWAMW58-GWS	MW58	7/17/2010	1417	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku050	Bagheera	580-20559	10FWAMW58-GWS	MW58	7/17/2010	1417	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku050	Bagheera	580-20559	10FWAMW58-GWS	MW58	7/17/2010	1417	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku050	Bagheera	580-20559	10FWAMW36-GWS	MW36	7/17/2010	1342	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku050	Bagheera	580-20559	10FWAMW36-GWS	MW36	7/17/2010	1342	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku051	Shere Kahn	580-20559	10FWAMW35-GWS	MW35	7/17/2010	1019	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku051	Shere Kahn	580-20559	10FWAMW35-GWS	MW35	7/17/2010	1019	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku052	Junior	580-20559	10FWAMW37-GWS	MW37	7/17/2010	1010	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku052	Junior	580-20559	10FWAMW37-GWS	MW37	7/17/2010	1010	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku053	Winifred	580-20559	10FWAMW37-GWS	MW37	7/17/2010	1010	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku053	Winifred	580-20559	10FWAMW37-GWS	MW37	7/17/2010	1010	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku053	Winifred	580-20559	10FWAMW35-GWS	MW35	7/17/2010	1019	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku053	Winifred	580-20559	10FWAMW35-GWS	MW35	7/17/2010	1019	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku054	Carl	580-20559	10FWAMW43-GWS	MW43	7/19/2010	1143	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku054	Carl	580-20559	10FWAMW43-GWS	MW43	7/19/2010	1143	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku055	Doug	580-20559	10FWAMW38-GWS	MW38	7/19/2010	1555	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku055	Doug	580-20559	10FWAMW38-GWS	MW38	7/19/2010	1555	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku056	Russell	580-20559	10FWAMW38-GWS	MW38	7/19/2010	1555	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku056	Russell	580-20559	10FWAMW38-GWS	MW38	7/19/2010	1555	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku056	Russell	580-20559	10FWAMW43-GWS	MW43	7/19/2010	1143	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku056	Russell	580-20559	10FWAMW43-GWS	MW43	7/19/2010	1143	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku057	Charles F. Muntz	580-20559	10FWAMW06A-GWS	MW06A	7/19/2010	1206	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku057	Charles F. Muntz	580-20559	10FWAMW06A-GWS	MW06A	7/19/2010	1206	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku058	Ellie	580-20559	10FWAMW57-GWS	MW57	7/19/2010	0941	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku058	Ellie	580-20559	10FWAMW57-GWS	MW57	7/19/2010	0941	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku059	Alpha	580-20559	10FWAMW06A-GWS	MW06A	7/19/2010	1206	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku059	Alpha	580-20559	10FWAMW06A-GWS	MW06A	7/19/2010	1206	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku059	Alpha	580-20559	10FWAMW57-GWS	MW57	7/19/2010	0941	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku059	Alpha	580-20559	10FWAMW57-GWS	MW57	7/19/2010	0941	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku060	Tarzan	580-20559	10FWAMW08-GWS	MW08	7/19/2010	0946	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku060	Tarzan	580-20559	10FWAMW08-GWS	MW08	7/19/2010	0946	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku061	Jane	580-20605	10FWAMW45-GWS	MW45	7/20/2010	0932	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku061	Jane	580-20605	10FWAMW45-GWS	MW45	7/20/2010	0932	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku062	Gaston	580-20605	10FWAMW40-GWS	MW40	7/20/2010	0901	CJ/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku062	Gaston	580-20605	10FWAMW40-GWS	MW40	7/20/2010	0901	CJ/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku063	Chip	580-20605	10FWAMW45-GWS	MW45	7/20/2010	0932	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku063	Chip	580-20605	10FWAMW45-GWS	MW45	7/20/2010	0932	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku063	Chip	580-20605	10FWAMW40-GWS	MW40	7/20/2010	0901	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku063	Chip	580-20605	10FWAMW40-GWS	MW40	7/20/2010	0901	CJ/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku064	Mrs. Potts	580-20605	10FWAMW83-GWS	MW83	7/20/2010	1454	CJ/AC	2	amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku064	Mrs. Potts	580-20605	10FWAMW83-GWS	MW83	7/20/2010	1454	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku064	Mrs. Potts	580-20605	10FWAMW84-GWS	MW84	7/20/2010	1225	CJ/AC	2	amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku064	Mrs. Potts	580-20605	10FWAMW84-GWS	MW84	7/20/2010	1225	CJ/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku065	Cogsworth	580-20605	10FWAMW45-GWS	MW45	7/20/2010	0932	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku065	Cogsworth	580-20605	10FWAMW40-GWS	MW40	7/20/2010	0901	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku065	Cogsworth	580-20605	10FWAMW82-GWS	MW82	7/20/2010	1451	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku065	Cogsworth	580-20605	10FWAMW83-GWS	MW83	7/20/2010	1454	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku065	Cogsworth	580-20605	10FWAMW84-GWS	MW84	7/20/2010	1225	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku066	Beast	580-20639	10FWAMW89-GWS	MW89	7/23/2010	1015	JY/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku066	Beast	580-20639	10FWAMW89-GWS	MW89	7/23/2010	1015	JY/AC	2	amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku066	Beast	580-20639	10FWAMW77-GWS	MW77	7/23/2010	1635	JY/AC	4	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD (8081 only)
05F50701	2010FWATaku067	Ali Babba	580-20639	10FWAMW77-GWS	MW77	7/23/2010	1635	JY/AC	8	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD (SW8081 only)
05F50701	2010FWATaku068	Akela	580-20639	10FWAMW77-GWS	MW77	7/23/2010	1635	JY/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku068	Akela	580-20639	10FWAMW90-GWS	MW90	7/23/2010	1445	JY/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku068	Akela	580-20639	10FWAMW90-GWS	MW90	7/23/2010	1445	JY/AC	2	amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku068	Akela	580-20639	10FWAMW87-GWS	MW87	7/23/2010	1159	JY/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku069	Andy	580-20639	10FWAMW87-GWS	MW87	7/23/2010	1159	JY/AC	2	amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku069	Andy	580-20639	10FWAMW88-GWS	MW88	7/23/2010	1501	JY/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku069	Andy	580-20639	10FWAMW88-GWS	MW88	7/23/2010	1501	JY/AC	2	amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku069	Andy	580-20639	10FWAMW88-GWS	MW88	7/23/2010	1501	JY/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku069	Andy	580-20639	10FWAMW87-GWS	MW87	7/23/2010	1159	JY/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku069	Andy	580-20639	10FWAMW89-GWS	MW89	7/23/2010	1015	JY/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku069	Andy	580-20639	10FWATB07-GWS	TB07	7/23/2010	0805	JY/AC	4	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	TB
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW90-GWS	MW90	7/23/2010	1445	JY/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW77-GWS	MW77	7/23/2010	1635	JY/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW85-GWS	MW85	7/23/2010	0935	JY/AC	18	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	MS/MSD
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWATB08-GWS	TB08	7/20/2010	0807	JY/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	TB
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW86-GWS	MW86	7/23/2010	1200	CJ/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW82-GWS	MW82	7/20/2010	1451	CJ/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW83-GWS	MW83	7/20/2010	1454	CJ/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW40-GWS	MW40	7/20/2010	0901	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW45-GWS	MW45	7/20/2010	0932	CJ/AC	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW84-GWS	MW84	7/20/2010	1225	CJ/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku070	Pocahontas	580-20639	10FWAMW85-GWBS	MW85	7/23/2010	0935	JY/AC	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	DUP
05F50701	2010FWATaku071	Christopher Robin	580-20639	10FWAMW85-GWS	MW85	7/23/2010	0935	JY/AC	6	amber	1 L	4°C, HCl	GW	AK102/103	MS/MSD
05F50701	2010FWATaku071	Christopher Robin	580-20639	10FWAMW85-GWBS	MW85	7/23/2010	0935	JY/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	DUP
05F50701	2010FWATaku072	Winnie the Pooh	580-20639	10FWAMW85-GWS	MW85	7/23/2010	0935	JY/AC	6	amber	1 L	4°C	GW	SW8270 SIM	MS/MSD
05F50701	2010FWATaku072	Winnie the Pooh	580-20639	10FWAMW85-GWBS	MW85	7/23/2010	0935	JY/AC	2	amber	1 L	4°C	GW	SW8270 SIM	DUP
05F50701	2010FWATaku073	Cheshire Cat	580-20639	10FWAMW77-GWS	MW77	7/23/2010	1635	JY/AC	2	amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD (SW8081 only)
05F50701	2010FWATaku073	Cheshire Cat	580-20639	10FWAMW77-GWS	MW77	7/23/2010	1635	JY/AC	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku073	Cheshire Cat	580-20639	10FWAMW86-GWS	MW86	7/23/2010	1200	JY/AC	2	amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku073	Cheshire Cat	580-20639	10FWAMW86-GWS	MW86	7/23/2010	1200	JY/AC	2	amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku085	PBR	580-22489	10FWAMW40-GWF	MW40	10/25/2010	1225	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku085	PBR	580-22489	10FWAMW40-GWF	MW40	10/25/2010	1225	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku086	Coors	580-22489	10FWAMW47-GWF	MW47	10/25/2010	1505	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku086	Coors	580-22489	10FWAMW47-GWF	MW47	10/25/2010	1505	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku086	Coors	580-22489	10FWAMW47-GWF	MW47	10/25/2010	1505	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku086	Coors	580-22489	10FWAMW40-GWF	MW40	10/25/2010	1225	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku086	Coors	580-22489	10FWAMW40-GWF	MW40	10/25/2010	1225	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku087	Budweiser	580-22489	10FWAMW47-GWF	MW47	10/25/2010	1505	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku088	Jubelale	580-22489	10FWAMW78-GWF	MW78	10/25/2010	1206	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku088	Jubelale	580-22489	10FWAMW78-GWF	MW78	10/25/2010	1206	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku089	Bud Light	580-22489	10FWAMW79-GWF	MW79	10/25/2010	1505	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku089	Bud Light	580-22489	10FWAMW79-GWF	MW79	10/25/2010	1505	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku090	Fairbanks Lager	580-22489	10FWAMW78-GWF	MW78	10/25/2010	1206	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku090	Fairbanks Lager	580-22489	10FWAMW78-GWF	MW78	10/25/2010	1206	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku090	Fairbanks Lager	580-22489	10FWAMW79-GWF	MW79	10/25/2010	1505	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku090	Fairbanks Lager	580-22489	10FWAMW79-GWF	MW79	10/25/2010	1505	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku091	Alaskan Amber	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku091	Alaskan Amber	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	MS/MSD
05F50701	2010FWATaku092	Pipeline Stout	580-22489	10FWAMW39-GWBF	MW39	10/25/2010	1210	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku092	Pipeline Stout	580-22489	10FWAMW39-GWBF	MW39	10/25/2010	1210	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	DUP
05F50701	2010FWATaku093	Moose Drool	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku094	Coors Light	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku095	Blue Moon	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku095	Blue Moon	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	MS/MSD
05F50701	2010FWATaku095	Blue Moon	580-22489	10FWAMW39-GWBF	MW39	10/25/2010	1210	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	DUP
05F50701	2010FWATaku095	Blue Moon	580-22489	10FWAMW39-GWBF	MW39	10/25/2010	1210	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku096	Black Butte Porter	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	4	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku096	Black Butte Porter	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	4	Amber	1 L	4°C, HCl	GW	AK102/103	MS/MSD
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW78-GWF	MW78	10/25/2010	1206	AE/JY/MD/CJ	1	poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW78-GWF	MW78	10/25/2010	1206	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW78-GWF	MW78	10/25/2010	1206	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW47-GWF	MW47	10/25/2010	1505	AE/JY/MD/CJ	1	poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW47-GWF	MW47	10/25/2010	1505	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW47-GWF	MW47	10/25/2010	1505	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW79-GWF	MW79	10/25/2010	1505	AE/JY/MD/CJ	1	poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW79-GWF	MW79	10/25/2010	1505	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW79-GWF	MW79	10/25/2010	1505	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	3	poly	1 L	4°C, H2SO4	GW	E365.3	MS/MSD
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	MS/MSD
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	3	poly	250 mL	4°C	GW	E300.0A, Alkalinity	MS/MSD
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW39-GWBF	MW39	10/25/2010	1210	AE/JY/MD/CJ	1	poly	1 L	4°C, H2SO4	GW	E365.3	DUP
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW39-GWBF	MW39	10/25/2010	1210	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	DUP
05F50701	2010FWATaku097	Newcastle	580-22489	10FWAMW39-GWBF	MW39	10/25/2010	1210	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	DUP
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWAMW40-GWF	MW40	10/25/2010	1225	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWAMW39-GWF	MW39	10/25/2010	1210	AE/JY/MD/CJ	36	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	MS/MSD

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWAMW39-GWBF	MW39	10/25/2010	1210	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	DUP
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWAMW78-GWBF	MW78	10/25/2010	1206	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWAMW79-GWF	MW79	10/25/2010	1505	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWAMW47-GWF	MW47	10/25/2010	1505	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWAMW08-GWF	MW08	10/25/2010	1705	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWAMW48-GWF	MW48	10/25/2010	1710	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku098	Longboard Ale	580-22489	10FWATB01-GWF	TB01	10/25/2010	0800	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	TB
05F50701	2010FWATaku100	Wicked Ale	580-22489	10FWAMW08-GWF	MW08	10/25/2010	1705	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku100	Wicked Ale	580-22489	10FWAMW08-GWF	MW08	10/25/2010	1705	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku100	Wicked Ale	580-22489	10FWAMW08-GWF	MW08	10/25/2010	1705	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku100	Wicked Ale	580-22489	10FWAMW08-GWF	MW08	10/25/2010	1705	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku101	Pumpkin Ale	580-22489	10FWAMW08-GWF	MW08	10/25/2010	1705	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku101	Pumpkin Ale	580-22489	10FWAMW08-GWF	MW08	10/25/2010	1705	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku101	Pumpkin Ale	580-22489	10FWAMW48-GWF	MW48	10/25/2010	1710	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321, SW8015	
05F50701	2010FWATaku101	Pumpkin Ale	580-22489	10FWAMW48-GWF	MW48	10/25/2010	1710	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku101	Pumpkin Ale	580-22489	10FWAMW08-GWF	MW08	10/25/2010	1705	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku102	Olympia	580-22489	10FWAMW48-GWF	MW48	10/25/2010	1710	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321, SW8015	
05F50701	2010FWATaku102	Olympia	580-22489	10FWAMW48-GWF	MW48	10/25/2010	1710	AE/JY/MD/CJ	1	poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku102	Olympia	580-22489	10FWAMW48-GWF	MW48	10/25/2010	1710	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku102	Olympia	580-22489	10FWAMW48-GWF	MW48	10/25/2010	1710	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku102	Olympia	580-22489	10FWAMW48-GWF	MW48	10/25/2010	1710	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku103	Mac n Jack	580-22614	10FWAMW53-GWF	MW53	10/26/2010	1018	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku103	Mac n Jack	580-22614	10FWAMW53-GWF	MW53	10/26/2010	1018	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku104	Pyramid IPA	580-22614	10FWAMW53-GWF	MW53	10/26/2010	1018	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku104	Pyramid IPA	580-22614	10FWAMW53-GWF	MW53	10/26/2010	1018	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku104	Pyramid IPA	580-22614	10FWAMW26-GWF	MW26	10/26/2010	1526	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku104	Pyramid IPA	580-22614	10FWAMW26-GWF	MW26	10/26/2010	1526	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku104	Pyramid IPA	580-22614	10FWAMW26-GWF	MW26	10/26/2010	1526	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku105	Foster's Lager	580-22614	10FWAMW26-GWF	MW26	10/26/2010	1526	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku106	Stella Artois	580-22614	10FWAMW69-GWF	MW69	10/26/2010	1035	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku106	Stella Artois	580-22614	10FWAMW69-GWF	MW69	10/26/2010	1035	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku106	Stella Artois	580-22614	10FWAMW69-GWF	MW69	10/26/2010	1035	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku106	Stella Artois	580-22614	10FWAMW69-GWF	MW69	10/26/2010	1035	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku107	Modelo Especial	580-22614	10FWAMW57-GWF	MW57	10/26/2010	1321	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku107	Modelo Especial	580-22614	10FWAMW57-GWF	MW57	10/26/2010	1321	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku108	Guinness Draught	580-22614	10FWAMW69-GWF	MW69	10/26/2010	1035	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku108	Guinness Draught	580-22614	10FWAMW69-GWF	MW69	10/26/2010	1035	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku108	Guinness Draught	580-22614	10FWAMW69-GWF	MW69	10/26/2010	1035	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku108	Guinness Draught	580-22614	10FWAMW57-GWF	MW57	10/26/2010	1321	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku108	Guinness Draught	580-22614	10FWAMW57-GWF	MW57	10/26/2010	1321	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku109	Red Stripe	580-22614	10FWAMW13-GWF	MW13	10/26/2010	1325	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	
05F50701	2010FWATaku109	Red Stripe	580-22614	10FWAMW13-GWF	MW13	10/26/2010	1325	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku110	Dos Equis XX Special Lager	580-22614	10FWAMW70-GWF	MW70	10/26/2010	1010	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku110	Dos Equis XX Special Lager	580-22614	10FWAMW70-GWF	MW70	10/26/2010	1010	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW13-GWF	MW13	10/26/2010	1325	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW70-GWF	MW70	10/26/2010	1010	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW70-GWF	MW70	10/26/2010	1010	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW13-GWF	MW13	10/26/2010	1325	AE/JY/MD/CJ	1	poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW13-GWF	MW13	10/26/2010	1325	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW13-GWF	MW13	10/26/2010	1325	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW53-GWF	MW53	10/26/2010	1011	AE/JY/MD/CJ	1	poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW53-GWF	MW53	10/26/2010	1011	AE/JY/MD/CJ	1	poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku111	Yuengling Traditional Lager	580-22614	10FWAMW53-GWF	MW53	10/26/2010	1011	AE/JY/MD/CJ	1	poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku112	Shiner Bock	580-22614	10FWAMW81-GWF	MW81	10/26/2010	1550	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	
05F50701	2010FWATaku112	Shiner Bock	580-22614	10FWAMW81-GWF	MW81	10/26/2010	1550	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku113	Steel Reserve	580-22614	10FWAMW76-GWF	MW76	10/26/2010	1335	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku113	Steel Reserve	580-22614	10FWAMW76-GWF	MW76	10/26/2010	1335	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku114	Pandora's Bock	580-22614	10FWAMW76-GWF	MW76	10/26/2010	1335	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku114	Pandora's Bock	580-22614	10FWAMW81-GWF	MW81	10/26/2010	1550	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku114	Pandora's Bock	580-22614	10FWAMW03-GWF	MW03	10/26/2010	1544	AE/JY/MD/CJ	4	Amber	1 L	4°C	GW	SW8082	MS/MSD
05F50701	2010FWATaku115	St Pauli Girl	580-22614	10FWAMW03-GWF	MW03	10/26/2010	1544	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8082	
05F50701	2010FWATaku115	St Pauli Girl	580-22614	10FWAMW03-GWF	MW03	10/26/2010	1544	AE/JY/MD/CJ	1	poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW81-GWF	MW81	10/26/2010	1550	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW76-GWF	MW76	10/26/2010	1335	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW70-GWF	MW70	10/26/2010	1010	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW13-GWF	MW13	10/26/2010	1325	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW69-GWF	MW69	10/26/2010	1035	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW57-GWF	MW57	10/26/2010	1321	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW26-GWF	MW26	10/26/2010	1526	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW53-GWF	MW53	10/26/2010	1011	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW03-GWF	MW03	10/26/2010	1544	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWATB02-GWF	TB02	10/26/2010	0800	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	TB
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW03-GWBF	MW03	10/26/2010	1544	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8082	DUP
05F50701	2010FWATaku116	Widmer Hefeweizen	580-22614	10FWAMW03-GWF	MW03	10/26/2010	1544	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku117	Asahi	580-22610	10FWAMW87-GWF	MW87	10/27/2010	1158	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku117	Asahi	580-22610	10FWAMW87-GWF	MW87	10/27/2010	1158	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku117	Asahi	580-22610	10FWAMW89-GWF	MW89	10/27/2010	1033	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku117	Asahi	580-22610	10FWAMW89-GWF	MW89	10/27/2010	1033	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku117	Asahi	580-22610	10FWAMW83-GWF	MW83	10/27/2010	1440	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku118	Sapporo	580-22610	10FWAMW86-GWF	MW86	10/27/2010	0950	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku118	Sapporo	580-22610	10FWAMW86-GWF	MW86	10/27/2010	0950	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku118	Sapporo	580-22610	10FWAMW88-GWF	MW88	10/27/2010	1145	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku118	Sapporo	580-22610	10FWAMW88-GWF	MW88	10/27/2010	1145	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku118	Sapporo	580-22610	10FWAMW83-GWF	MW83	10/27/2010	1440	AE/JY/MD/CJ	1	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku118	Sapporo	580-22610	10FWAMW83-GWF	MW83	10/27/2010	1440	AE/JY/MD/CJ	1	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku118	Sapporo	580-22610	10FWAMW83-GWF	MW83	10/27/2010	1440	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010B (K only), Mn	
05F50701	2010FWATaku119	Tiger Beer	580-22610	10FWAMW85-GWF	MW85	10/27/2010	0952	AE/JY/MD/CJ	6	Amber	1 L	4°C	GW	SW8270 SIM	MS/MSD
05F50701	2010FWATaku119	Tiger Beer	580-22610	10FWAMW85-GWBF	MW85	10/27/2010	0952	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	DUP
05F50701	2010FWATaku119	Tiger Beer	580-22610	10FWAMW82-GWF	MW82	10/27/2010	1445	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku120	Tsingtao	580-22610	10FWAMW85-GWF	MW85	10/27/2010	0952	AE/JY/MD/CJ	6	Amber	1 L	4°C, HCl	GW	AK102/103	MS/MSD
05F50701	2010FWATaku120	Tsingtao	580-22610	10FWAMW85-GWBF	MW85	10/27/2010	0952	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	DUP
05F50701	2010FWATaku120	Tsingtao	580-22610	10FWAMW84-GWF	MW84	10/27/2010	1456	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010B (K only), Mn	
05F50701	2010FWATaku121	Fat Tire	580-22610	10FWAMW90-GWF	MW90	10/27/2010	1210	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku121	Fat Tire	580-22610	10FWAMW90-GWF	MW90	10/27/2010	1210	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku121	Fat Tire	580-22610	10FWAMW84-GWF	MW84	10/27/2010	1456	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku121	Fat Tire	580-22610	10FWAMW84-GWF	MW84	10/27/2010	1456	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku121	Fat Tire	580-22610	10FWAMW84-GWF	MW84	10/27/2010	1456	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku121	Fat Tire	580-22610	10FWAMW84-GWF	MW84	10/27/2010	1456	AE/JY/MD/CJ	1	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku121	Fat Tire	580-22610	10FWAMW84-GWF	MW84	10/27/2010	1456	AE/JY/MD/CJ	1	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku122	Mickey's	580-22610	10FWAMW83-GWF	MW83	10/27/2010	1440	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku122	Mickey's	580-22610	10FWAMW83-GWF	MW83	10/27/2010	1440	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku122	Mickey's	580-22610	10FWAMW82-GWF	MW82	10/27/2010	1445	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8270 SIM	
05F50701	2010FWATaku122	Mickey's	580-22610	10FWAMW82-GWF	MW82	10/27/2010	1445	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku122	Mickey's	580-22610	10FWAMW82-GWF	MW82	10/27/2010	1445	AE/JY/MD/CJ	1	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku122	Mickey's	580-22610	10FWAMW82-GWF	MW82	10/27/2010	1445	AE/JY/MD/CJ	1	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku122	Mickey's	580-22610	10FWAMW82-GWF	MW82	10/27/2010	1445	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010B (K only), Mn	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW88-GWF	MW88	10/27/2010	1145	AE/JY/MD/CJ	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW89-GWF	MW89	10/27/2010	1008	AE/JY/MD/CJ	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW87-GWF	MW87	10/27/2010	1158	AE/JY/MD/CJ	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW83-GWF	MW83	10/27/2010	1440	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW82-GWF	MW82	10/27/2010	1445	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW84-GWF	MW84	10/27/2010	1456	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL, RSK175	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW90-GWF	MW90	10/27/2010	1210	AE/JY/MD/CJ	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW85-GWF	MW85	10/27/2010	0952	AE/JY/MD/CJ	18	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	MS/MSD
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW85-GWBF	MW85	10/27/2010	0952	AE/JY/MD/CJ	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	DUP
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWATB03-GWF	TB03	10/27/2010	0800	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL, AK101	TB
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW86-GWF	MW86	10/27/2010	0950	AE/JY/MD/CJ	6	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW36-GWF	MW36	10/28/2010	1016	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL, AK101	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW35-GWF	MW35	10/28/2010	1010	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL, AK101, RSK175	
05F50701	2010FWATaku123	Honey Moon	580-22610	10FWAMW77-GWF	MW77	10/28/2010	1030	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	SW8260, SW8260LL, AK101, RSK175	
05F50701	2010FWATaku124	Alaskan White	580-22610	10FWAMW77-GWF	MW77	10/28/2010	1030	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku124	Alaskan White	580-22610	10FWAMW77-GWF	MW77	10/28/2010	1030	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku124	Alaskan White	580-22610	10FWAMW77-GWF	MW77	10/28/2010	1030	AE/JY/MD/CJ	1	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku124	Alaskan White	580-22610	10FWAMW77-GWF	MW77	10/28/2010	1030	AE/JY/MD/CJ	1	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku125	Anchor Steam	580-22610	10FWAMW35-GWF	MW35	10/28/2010	1010	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku125	Anchor Steam	580-22610	10FWAMW35-GWF	MW35	10/28/2010	1010	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku125	Anchor Steam	580-22610	10FWAMW35-GWF	MW35	10/28/2010	1010	AE/JY/MD/CJ	1	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku125	Anchor Steam	580-22610	10FWAMW35-GWF	MW35	10/28/2010	1010	AE/JY/MD/CJ	1	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku126	Corona	580-22610	10FWAMW35-GWF	MW35	10/28/2010	1010	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku126	Corona	580-22610	10FWAMW35-GWF	MW35	10/28/2010	1010	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku126	Corona	580-22610	10FWAMW35-GWF	MW35	10/28/2010	1010	AE/JY/MD/CJ	1	poly	1 L	4°C, HNO3	GW	E365.3	
05F50701	2010FWATaku126	Corona	580-22610	10FWAMW77-GWF	MW77	10/28/2010	1030	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku126	Corona	580-22610	10FWAMW77-GWF	MW77	10/28/2010	1030	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku127	Skinny Dip	580-22610	10FWAMW36-GWF	MW36	10/28/2010	1016	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku127	Skinny Dip	580-22610	10FWAMW36-GWF	MW36	10/28/2010	1016	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku127	Skinny Dip	580-22610	10FWAMW77-GWF	MW77	10/28/2010	1030	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku128	Keystone	580-22645	10FWAMW36-GWF	MW36	10/28/2010	1016	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku128	Keystone	580-22645	10FWAMW36-GWF	MW36	10/28/2010	1016	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku128	Keystone	580-22645	10FWAMW38-GWF	MW38	10/28/2010	1303	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku128	Keystone	580-22645	10FWAMW38-GWF	MW38	10/28/2010	1303	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku128	Keystone	580-22645	10FWAMW43-GWF	MW43	10/28/2010	1325	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku128	Keystone	580-22645	10FWAMW61-GWF	MW61	10/28/2010	1456	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku129	Kokanee Gold	580-22645	10FWAMW38-GWF	MW38	10/28/2010	1303	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku129	Kokanee Gold	580-22645	10FWAMW38-GWF	MW38	10/28/2010	1303	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku129	Kokanee Gold	580-22645	10FWAMW62-GWF	MW62	10/28/2010	1300	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku130	Kokanee Light	580-22645	10FWAMW43-GWF	MW43	10/28/2010	1325	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku130	Kokanee Light	580-22645	10FWAMW43-GWF	MW43	10/28/2010	1325	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku130	Kokanee Light	580-22645	10FWAMW43-GWF	MW43	10/28/2010	1325	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku131	Tecate	580-22645	10FWAMW43-GWF	MW43	10/28/2010	1325	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku131	Tecate	580-22645	10FWAMW43-GWF	MW43	10/28/2010	1325	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	
05F50701	2010FWATaku131	Tecate	580-22645	10FWAMW62-GWF	MW62	10/28/2010	1300	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku131	Tecate	580-22645	10FWAMW62-GWF	MW62	10/28/2010	1300	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	
05F50701	2010FWATaku131	Tecate	580-22645	10FWAMW62-GWF	MW62	10/28/2010	1300	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku131	Tecate	580-22645	10FWAMW43-GWF	MW43	10/28/2010	1325	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW62-GWF	MW62	10/28/2010	1300	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWATB04-GWF	TB04	10/28/2010	0800	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	TB
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW38-GWF	MW38	10/28/2010	1303	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW43-GWF	MW43	10/28/2010	1325	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW61-GWF	MW61	10/28/2010	1456	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW56-GWF	MW56	10/28/2010	1455	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW45-GWF	MW45	10/29/2010	1035	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW80-GWF	MW80	10/29/2010	1030	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	36	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	MS/MSD
05F50701	2010FWATaku132	Carta Blanca	580-22645	10FWAMW64-GWBF	MW64	10/29/2010	1007	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	DUP
05F50701	2010FWATaku133	Kodiak Brown Ale	580-22645	10FWAMW45-GWF	MW45	10/29/2010	1035	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku133	Kodiak Brown Ale	580-22645	10FWAMW45-GWF	MW45	10/29/2010	1035	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku133	Kodiak Brown Ale	580-22645	10FWAMW80-GWF	MW80	10/29/2010	1030	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku133	Kodiak Brown Ale	580-22645	10FWAMW80-GWF	MW80	10/29/2010	1030	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku133	Kodiak Brown Ale	580-22645	10FWAMW45-GWF	MW45	10/29/2010	1035	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku134	Angry Minnow	580-22645	10FWAMW56-GWF	MW56	10/28/2010	1455	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku134	Angry Minnow	580-22645	10FWAMW56-GWF	MW56	10/28/2010	1455	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku134	Angry Minnow	580-22645	10FWAMW61-GWF	MW61	10/28/2010	1456	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCl	GW	AK102/103	
05F50701	2010FWATaku134	Angry Minnow	580-22645	10FWAMW61-GWF	MW61	10/28/2010	1456	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku134	Angry Minnow	580-22645	10FWAMW61-GWF	MW61	10/28/2010	1456	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku134	Angry Minnow	580-22645	10FWAMW56-GWF	MW56	10/28/2010	1455	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku135	Spotted Cow	580-22645	10FWAMW56-GWF	MW56	10/28/2010	1455	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku135	Spotted Cow	580-22645	10FWAMW56-GWF	MW56	10/28/2010	1455	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku135	Spotted Cow	580-22645	10FWAMW56-GWF	MW56	10/28/2010	1455	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku135	Spotted Cow	580-22645	10FWAMW56-GWF	MW56	10/28/2010	1455	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.3	
05F50701	2010FWATaku136	Gray's Rock Hard Red	580-22645	10FWAMW61-GWF	MW61	10/28/2010	1456	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku136	Gray's Rock Hard Red	580-22645	10FWAMW61-GWF	MW61	10/28/2010	1456	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku136	Gray's Rock Hard Red	580-22645	10FWAMW61-GWF	MW61	10/28/2010	1456	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku137	Monk's Mistress	580-22645	10FWAMW62-GWF	MW62	10/28/2010	1300	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku137	Monk's Mistress	580-22645	10FWAMW62-GWF	MW62	10/28/2010	1300	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku137	Monk's Mistress	580-22645	10FWAMW62-GWF	MW62	10/28/2010	1300	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku138	Sockeye Red IPA	580-22645	10FWAMW45-GWF	MW45	10/29/2010	1035	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku138	Sockeye Red IPA	580-22645	10FWAMW45-GWF	MW45	10/29/2010	1035	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku138	Sockeye Red IPA	580-22645	10FWAMW45-GWF	MW45	10/29/2010	1035	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300A NO2/NO3, Alkalinity	
05F50701	2010FWATaku138	Sockeye Red IPA	580-22645	10FWAMW45-GWF	MW45	10/29/2010	1035	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.4	
05F50701	2010FWATaku139	Oosik Amber Ale	580-22645	10FWAMW80-GWF	MW80	10/29/2010	1030	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku139	Oosik Amber Ale	580-22645	10FWAMW80-GWF	MW80	10/29/2010	1030	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470	
05F50701	2010FWATaku140	Arctic Rhino Coffee Porter	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku140	Arctic Rhino Coffee Porter	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	3	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	MS/MSD
05F50701	2010FWATaku140	Arctic Rhino Coffee Porter	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	6	Poly	250 mL	4°C	GW	E300A NO2/NO3, Alkalinity	MS/MSD
05F50701	2010FWATaku140	Arctic Rhino Coffee Porter	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	6	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	MS/MSD
05F50701	2010FWATaku141	Trickster Pumpkin Ale	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	6	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku141	Trickster Pumpkin Ale	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	3	Poly	1 L	4°C, H2SO4	GW	E365.4	MS/MSD
05F50701	2010FWATaku141	Trickster Pumpkin Ale	580-22645	10FWAMW64-GWBF	MW64	10/29/2010	1007	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku142	Old Whiskers Hefeweizen	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku143	Panty Peeler Tripel	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	MS/MSD
05F50701	2010FWATaku144	Meltdown Double IPA	580-22645	10FWAMW64-GWBF	MW64	10/29/2010	1007	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku144	Meltdown Double IPA	580-22645	10FWAMW64-GWBF	MW64	10/29/2010	1007	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	DUP
05F50701	2010FWATaku144	Meltdown Double IPA	580-22645	10FWAMW64-GWBF	MW64	10/29/2010	1007	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300A NO2/NO3, Alkalinity	DUP
05F50701	2010FWATaku144	Meltdown Double IPA	580-22645	10FWAMW64-GWBF	MW64	10/29/2010	1007	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	DUP
05F50701	2010FWATaku144	Meltdown Double IPA	580-22645	10FWAMW64-GWBF	MW64	10/29/2010	1007	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.4	DUP
05F50701	2010FWATaku145	Mayhem IPA	580-22645	10FWAMW64-GWF	MW64	10/29/2010	1007	AE/JY/MD/CJ	6	Amber	1 L	4°C	GW	AK102/103	MS/MSD
05F50701	2010FWATaku145	Mayhem IPA	580-22645	10FWAMW64-GWBF	MW64	10/29/2010	1007	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	AK102/103	DUP, MS/MSD
05F50701	2010FWATaku146	Lagunitas IPA	580-22682	10FWAMW33-GWF	MW33	10/29/2010	1335	AE/JY/MD/CJ	10	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku146	Lagunitas IPA	580-22682	10FWAMW33-GWF	MW33	10/29/2010	1335	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku146	Lagunitas IPA	580-22682	10FWAMW33-GWF	MW33	10/29/2010	1335	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku146	Lagunitas IPA	580-22682	10FWAMW33-GWF	MW33	10/29/2010	1335	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.4	
05F50701	2010FWATaku146	Lagunitas IPA	580-22682	10FWAMW33-GWF	MW33	10/29/2010	1335	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku147	Yellow Snow IPA	580-22682	10FWAMW06A-GWF	MW06A	10/29/2010	1352	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku147	Yellow Snow IPA	580-22682	10FWAMW06A-GWF	MW06A	10/29/2010	1352	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku147	Yellow Snow IPA	580-22682	10FWAMW06A-GWF	MW06A	10/29/2010	1352	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku148	Kirin	580-22682	10FWAMW33-GWF	MW33	10/29/2010	1335	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	
05F50701	2010FWATaku148	Kirin	580-22682	10FWAMW06A-GWF	MW06A	10/29/2010	1352	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.4	
05F50701	2010FWATaku148	Kirin	580-22682	10FWAMW06A-GWF	MW06A	10/29/2010	1352	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku148	Kirin	580-22682	10FWAMW06A-GWF	MW06A	10/29/2010	1352	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	
05F50701	2010FWATaku148	Kirin	580-22682	10FWAMW32-GWF	MW32	10/29/2010	1345	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku148	Kirin	580-22682	10FWAMW32-GWF	MW32	10/29/2010	1345	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	
05F50701	2010FWATaku148	Kirin	580-22682	10FWAMW12-GWBF	MW12	10/30/2010	0957	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.4	DUP
05F50701	2010FWATaku149	Coldfoot Pilsner	580-22682	10FWAMW32-GWF	MW32	10/29/2010	1345	AE/JY/MD/CJ	6	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku149	Coldfoot Pilsner	580-22682	10FWAMW32-GWF	MW32	10/29/2010	1345	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku149	Coldfoot Pilsner	580-22682	10FWAMW06A-GWF	MW06A	10/29/2010	1352	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku149	Coldfoot Pilsner	580-22682	10FWAMW32-GWF	MW32	10/29/2010	1345	AE/JY/MD/CJ	1	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku149	Coldfoot Pilsner	580-22682	10FWAMW32-GWF	MW32	10/29/2010	1345	AE/JY/MD/CJ	4	Poly	1 L	4°C, H2SO4	GW	E365.4	
05F50701	2010FWATaku149	Coldfoot Pilsner	580-22682	10FWAMW32-GWF	MW32	10/29/2010	1345	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWAMW33-GWF	MW33	10/29/2010	1335	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWATB05-GWF	TB05	10/29/2010	0800	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	TB
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWAMW32-GWF	MW32	10/29/2010	1345	AE/JY/MD/CJ	9	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL	
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWAMW06A-GWF	MW06A	10/29/2010	1352	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWAMW12-GWF	MW12	10/30/2010	0957	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWAMW12-GWBF	MW12	10/30/2010	0957	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	DUP
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWAMW37-GWF	MW37	10/30/2010	1015	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWAMW58-GWF	MW58	10/30/2010	1044	AE/JY/MD/CJ	12	VOA	40 mL	4°C, HCl	GW	AK101, SW8260, SW8260LL, RSK175	
05F50701	2010FWATaku150	Mama's Little Yella Pils	580-22682	10FWAMW37-GWF	MW37	10/30/2010	1015	AE/JY/MD/CJ	4	Poly	250 mL	4°C, H2SO4	GW	E365.4	
05F50701	2010FWATaku151	Santa's Butt	580-22682	10FWAMW37-GWF	MW37	10/30/2010	1015	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku151	Santa's Butt	580-22682	10FWAMW37-GWF	MW37	10/30/2010	1015	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku151	Santa's Butt	580-22682	10FWAMW37-GWF	MW37	10/30/2010	1015	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku151	Santa's Butt	580-22682	10FWAMW37-GWF	MW37	10/30/2010	1015	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku152	Dead Guy Ale	580-22682	10FWAMW58-GWF	MW58	10/30/2010	1044	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku152	Dead Guy Ale	580-22682	10FWAMW58-GWF	MW58	10/30/2010	1044	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	
05F50701	2010FWATaku152	Dead Guy Ale	580-22682	10FWAMW58-GWF	MW58	10/30/2010	1044	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku153	Purple Haze	580-22682	10FWAMW37-GWF	MW37	10/30/2010	1015	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku153	Purple Haze	580-22682	10FWAMW37-GWF	MW37	10/30/2010	1015	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	
05F50701	2010FWATaku153	Purple Haze	580-22682	10FWAMW58-GWF	MW58	10/30/2010	1044	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku153	Purple Haze	580-22682	10FWAMW58-GWF	MW58	10/30/2010	1044	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	
05F50701	2010FWATaku153	Purple Haze	580-22682	10FWAMW58-GWF	MW58	10/30/2010	1044	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.4	
05F50701	2010FWATaku153	Purple Haze	580-22682	10FWAMW58-GWF	MW58	10/30/2010	1044	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku154	Arrogant Bastard Ale	580-22682	10FWAMW12-GWF	MW12	10/30/2010	0957	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku154	Arrogant Bastard Ale	580-22682	10FWAMW12-GWF	MW12	10/30/2010	0957	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	

2010 Taku Gardens Groundwater Monitoring Sample Summary

Project ID	COC Number	Cooler ID	SDG	COC Sample ID	LOC ID	Date	Time	Sampler	Quantity	Container	Volume	Preservation	Matrix	Method	QC
05F50701	2010FWATaku154	Arrogant Bastard Ale	580-22682	10FWAMW12-GWF	MW12	10/30/2010	0957	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	
05F50701	2010FWATaku155	Wreck the Halls	580-22682	10FWAMW12-GWBF	MW12	10/30/2010	0957	AE/JY/MD/CJ	8	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku155	Wreck the Halls	580-22682	10FWAMW12-GWBF	MW12	10/30/2010	0957	AE/JY/MD/CJ	1	Poly	500 mL	4°C, HNO3	GW	SW6010/6020/7470/Mn,K	DUP
05F50701	2010FWATaku155	Wreck the Halls	580-22682	10FWAMW12-GWBF	MW12	10/30/2010	0957	AE/JY/MD/CJ	2	Poly	250 mL	4°C, H2SO4	GW	E353.2, E350.1	DUP
05F50701	2010FWATaku156	Yeti Imperial Stout	580-22682	10FWAMW12-GWF	MW12	10/30/2010	0957	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	
05F50701	2010FWATaku156	Yeti Imperial Stout	580-22682	10FWAMW12-GWF	MW12	10/30/2010	0957	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	
05F50701	2010FWATaku156	Yeti Imperial Stout	580-22682	10FWAMW12-GWBF	MW12	10/30/2010	0957	AE/JY/MD/CJ	2	Amber	1 L	4°C	GW	SW8081, SW8151, SW8270, SW8270 SIM, SW8321	DUP
05F50701	2010FWATaku156	Yeti Imperial Stout	580-22682	10FWAMW12-GWBF	MW12	10/30/2010	0957	AE/JY/MD/CJ	2	Amber	1 L	4°C, HCL	GW	AK102/103	DUP
05F50701	2010FWATaku156	Yeti Imperial Stout	580-22682	10FWAMW12-GWF	MW12	10/30/2010	0957	AE/JY/MD/CJ	1	Poly	1 L	4°C, H2SO4	GW	E365.4	
05F50701	2010FWATaku156	Yeti Imperial Stout	580-22682	10FWAMW12-GWF	MW12	10/30/2010	0957	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	
05F50701	2010FWATaku156	Yeti Imperial Stout	580-22682	10FWAMW12-GWBF	MW12	10/30/2010	0957	AE/JY/MD/CJ	2	Poly	250 mL	4°C	GW	E300.0A, Alkalinity	DUP

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW03	MW03	MW03	MW06A	MW06A	MW06A	MW-08	MW-08
				Sample ID	10FWAMW03-GWBS	10FWAMW03-GWS	10FWAMW03-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW08-GWS	10FWAMW08-GWS
				Lab Sample ID	580-20526-8	580-20526-7	580-20601-5	580-20559-7	580-20559-7	580-20601-14	580-20559-9	580-20559-9
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000012]	-	-	0.00048 [0.0012] J	-	-	ND [0.000012]
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.0000096]	-	-	0.0005 [0.00094] J	-	-	ND [0.0000096]
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	ND [0.0000096]
8270SIM	Anthracene	120-12-7	mg/L	11	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	ND [0.0000096]
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	ND [0.0000096]
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	-	ND [0.0019]	-	-	ND [0.000019]
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	ND [0.0000096]
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	ND [0.0000096]
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	0.0000025 [0.0000096] J
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	0.0000027 [0.0000096] J, B	-	-	ND [0.00094]	-	-	0.0000034 [0.0000096] J
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	ND [0.0000096]
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	0.0000017 [0.0000096] J
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	ND [0.0000096]	-	-	0.00067 [0.00094] J	-	-	ND [0.0000096]
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.0000096]	-	-	ND [0.00094]	-	-	ND [0.0000096]
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0000096]	-	-	0.0011 [0.00094]	-	-	ND [0.0000096]
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	0.000018 [0.0000096] JL-	-	-	ND [0.00094]	-	-	0.0000081 [0.0000096] J
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	0.0000024 [0.0000096] J	-	-	ND [0.00094]	-	-	0.000002 [0.0000096] J
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	0.0000017 [0.0000096] J	-	-	ND [0.00094]	-	-	ND [0.0000096]
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	-	0.027 [0.05] J, B	-	-	0.065 [0.05] B	-	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	0.05 [0.097] J	-	-	9 [0.19]	-	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.041 [0.097] J	-	-	1.1 [0.096]	-	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	ND [1]	-	-	ND [1]	-	-	ND [1]
SW6010B	Boron	7440-42-8	mg/L		-	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]
SW6010B	Calcium	7440-70-2	mg/L		-	73 [1.1]	-	-	73 [1.1]	-	-	83 [1.1]
SW6010B	Magnesium	7439-95-4	mg/L		-	20 [1.1]	-	-	17 [1.1]	-	-	23 [1.1]
SW6010B	Potassium	7440-09-7	mg/L		-	4.3 [3.3]	-	-	4.6 [3.3]	-	-	5.4 [3.3]
SW6010B	Sodium	7440-23-5	mg/L		-	4.9 [2]	-	-	4.7 [2]	-	-	9.7 [2]
SW6020	Antimony	7440-36-0	mg/L	0.006	-	ND [0.002]	-	-	0.001 [0.002] J	-	-	0.00088 [0.002] J
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	0.025 [0.002]	-	-	0.0028 [0.002]	-	-	ND [0.002]
SW6020	Barium	7440-39-3	mg/L	2	-	0.17 [0.006]	-	-	0.3 [0.006]	-	-	0.13 [0.006]
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW03	MW03	MW03	MW06A	MW06A	MW06A	MW-08	MW-08
				Sample ID	10FWAMW03-GWBS	10FWAMW03-GWS	10FWAMW03-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW08-GWS	10FWAMW08-GWS
				Lab Sample ID	580-20526-8	580-20526-7	580-20601-5	580-20559-7	580-20559-7	580-20601-14	580-20559-9	580-20559-9
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	0.00014 [0.002] J	-	-	ND [0.002]	-	-	0.00015 [0.002] J
SW6020	Chromium	7440-47-3	mg/L	0.1	-	ND [0.002]	-	-	0.0027 [0.002]	-	-	0.0025 [0.002]
SW6020	Cobalt	7440-48-4	mg/L		-	0.00098 [0.002] J	-	-	0.0002 [0.002] J	-	-	0.004 [0.002]
SW6020	Copper	7440-50-8	mg/L	1	-	ND [0.005]	-	-	0.00078 [0.005] J	-	-	0.0021 [0.005] J
SW6020	Iron	7439-89-6	mg/L		-	13 [0.2]	-	-	18 [0.2]	-	-	0.054 [0.2] J
SW6020	Lead	7439-92-1	mg/L	0.015	-	ND [0.002]	-	-	0.00053 [0.002] J	-	-	ND [0.002]
SW6020	Manganese	7439-96-5	mg/L		-	0.66 [0.002]	-	-	1.4 [0.002]	-	-	0.16 [0.002]
SW6020	Nickel	7440-02-0	mg/L	0.1	-	0.0016 [0.002] J	-	-	0.0018 [0.002] J	-	-	0.01 [0.002]
SW6020	Selenium	7782-49-2	mg/L	0.05	-	ND [0.002]	-	-	0.0017 [0.002] J	-	-	0.001 [0.002] J
SW6020	Silver	7440-22-4	mg/L	0.1	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]
SW6020	Thallium	7440-28-0	mg/L	0.002	-	0.00042 [0.004] J, B	-	-	0.00039 [0.004] J, B	-	-	0.00032 [0.004] J, B
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	0.0012 [0.002] J	-	-	0.0029 [0.002]	-	-	0.0012 [0.002] J
SW6020	Zinc	7440-66-6	mg/L	5	-	ND [0.007]	-	-	0.0023 [0.007] J	-	-	0.003 [0.007] J
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	ND [0.000019]	-	-	0.0000092 [0.000019] J,JS+	-	-	ND [0.000019]
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	ND [0.0000097]	-	-	ND [0.0000095]	-	-	ND [0.0000095]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000097]	-	-	ND [0.0000095]	-	-	ND [0.0000095]
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	ND [0.0000097]	-	-	ND [0.0000095]	-	-	ND [0.0000095]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	delta-BHC	319-86-8	mg/L		-	ND [0.0000097]	-	-	ND [0.0000095]	-	-	ND [0.0000095]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan I	959-98-8	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan II	33213-65-9	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endrin	72-20-8	mg/L	0.002	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	ND [0.000049]	-	-	ND [0.000048]	-	-	ND [0.000048]
SW8081A	Endrin ketone	53494-70-5	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000097]	-	-	ND [0.0000095]	-	-	ND [0.0000095]
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	ND [0.0000097]	-	-	ND [0.0000095]	-	-	ND [0.0000095]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	ND [0.0000097]	-	-	ND [0.0000095]	-	-	ND [0.0000095]
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	ND [0.0000097]	-	-	ND [0.0000095]	-	-	ND [0.0000095]
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	ND [0.000097]	-	-	ND [0.000095]	-	-	ND [0.000095]
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	ND [0.00097]	-	-	ND [0.00095]	-	-	ND [0.00095]
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	ND [0.00048]	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	ND [0.00048]	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	ND [0.00048]	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	ND [0.00048]	ND [0.00049]	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW03	MW03	MW03	MW06A	MW06A	MW06A	MW-08	MW-08
				Sample ID	10FWAMW03-GWBS	10FWAMW03-GWS	10FWAMW03-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW08-GWS	10FWAMW08-GWS
				Lab Sample ID	580-20526-8	580-20526-7	580-20601-5	580-20559-7	580-20559-7	580-20601-14	580-20559-9	580-20559-9
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	ND [0.00048]	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	ND [0.00048]	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	ND [0.00048]	ND [0.00049]	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	2,4-DB	94-82-6	mg/L		-	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	Dalapon	75-99-0	mg/L		-	ND [0.00038]	-	-	ND [0.0004]	-	-	ND [0.0004]
SW8151A	Dicamba	1918-00-9	mg/L		-	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	Dichlorprop	120-36-5	mg/L		-	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	Dinoseb	88-85-7	mg/L		-	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	-	ND [0.01]	-	-	ND [0.01]	-	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	-	ND [0.001]	-	-	0.00075 [0.001] J	-	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Acetone	67-64-1	mg/L	33	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW03	MW03	MW03	MW06A	MW06A	MW06A	MW-08	MW-08
				Sample ID	10FWAMW03-GWBS	10FWAMW03-GWS	10FWAMW03-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW08-GWS	10FWAMW08-GWS
				Lab Sample ID	580-20526-8	580-20526-7	580-20601-5	580-20559-7	580-20559-7	580-20601-14	580-20559-9	580-20559-9
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	-	ND [0.001]	-	-	0.00025 [0.001] J	-	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	-	ND [0.001]	-	-	0.0002 [0.001] J	-	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	-	ND [0.001]	-	-	0.000091 [0.001] J	-	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	-	ND [0.001]	-	-	0.00059 [0.001] J	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	-	ND [0.001]	-	-	0.00027 [0.001] J	-	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	-	ND [0.001]	-	-	0.00061 [0.001] J	-	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	-	ND [0.001]	-	-	0.00063 [0.001] J	-	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Toluene	108-88-3	mg/L	1	-	-	ND [0.001]	-	-	0.00012 [0.001] J	-	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	-	ND [0.0004]	-	-	ND [0.0004]	-	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	-	0.00046 [0.0007] J,JL+,JC+	-	-	0.00031 [0.0007] J,JL+,JC+	-	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	-	ND [0.0005]	-	-	0.000062 [0.0005] J	-	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	-	ND [0.0005]	-	-	0.000032 [0.0005] J	-	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	ND [0.0005]	-	-	0.000022 [0.0005] J	-	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	-	0.000025 [0.0002] J	-	-	ND [0.0002]	-	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	ND [0.00029]	-	-	ND [0.0028]	-	-	ND [0.00029]
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW03	MW03	MW03	MW06A	MW06A	MW06A	MW-08	MW-08
				Sample ID	10FWAMW03-GWBS	10FWAMW03-GWS	10FWAMW03-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW08-GWS	10FWAMW08-GWS
				Lab Sample ID	580-20526-8	580-20526-7	580-20601-5	580-20559-7	580-20559-7	580-20601-14	580-20559-9	580-20559-9
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	ND [0.00048]	-	-	ND [0.0047]	-	-	ND [0.00048]
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	ND [0.0024]	-	-	ND [0.024]	-	-	ND [0.0024]
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	ND [0.000029]	-	-	ND [0.00028]	-	-	ND [0.000029]
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	ND [0.0019]	-	-	ND [0.019]	-	-	ND [0.0019]
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000096]	-	-	ND [0.00094]	-	-	ND [0.000096]
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	2-Nitroaniline	88-74-4	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	2-Nitrophenol	88-75-5	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	ND [0.00096] JM-	-	-	ND [0.0094]	-	-	ND [0.00096]
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	ND [0.00038]	-	-	ND [0.0038]	-	-	ND [0.00038]
SW8270	3-Nitroaniline	99-09-2	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	ND [0.00019] JM-	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	4-Nitroaniline	100-01-6	mg/L		-	ND [0.00029]	-	-	ND [0.0028]	-	-	ND [0.00029]
SW8270	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00096]	-	-	ND [0.0094]	-	-	ND [0.00096]
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.000048]	-	-	0.00038 [0.00047] J	-	-	ND [0.000048]
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.000038]	-	-	ND [0.00038]	-	-	ND [0.000038]
SW8270	Anthracene	120-12-7	mg/L	11	-	ND [0.000019]	-	-	ND [0.00019]	-	-	ND [0.000019]
SW8270	Azobenzene	103-33-3	mg/L		-	ND [0.00048]	-	-	ND [0.0047]	-	-	ND [0.00048]
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.000029]	-	-	ND [0.00028]	-	-	ND [0.000029]
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	-	ND [0.00019]	-	-	ND [0.000019]
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.000038]	-	-	ND [0.00038]	-	-	ND [0.000038]
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.000029]	-	-	ND [0.00028]	-	-	ND [0.000029]
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.000029]	-	-	ND [0.00028]	-	-	ND [0.000029]
SW8270	Benzoic acid	65-85-0	mg/L	150	-	0.00053 [0.00096] J,JC+	-	-	ND [0.0094]	-	-	0.00049 [0.00096] J
SW8270	Benzyl alcohol	100-51-6	mg/L		-	0.000029 [0.00019] J	-	-	ND [0.0019]	-	-	0.000018 [0.00019] J
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	0.00011 [0.00029] J, B	-	-	ND [0.0028]	-	-	0.00013 [0.00029] J, B
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	ND [0.0014]	-	-	ND [0.014]	-	-	ND [0.0014]
SW8270	Carbazole	86-74-8	mg/L	0.043	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	Chrysene	218-01-9	mg/L	0.12	-	ND [0.000019]	-	-	ND [0.00019]	-	-	ND [0.000019]
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.000029]	-	-	ND [0.00028]	-	-	ND [0.000029]
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	0.000063 [0.00019] J,B	-	-	ND [0.0019]	-	-	0.000049 [0.00019] J, B
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	0.0001 [0.00019] J,B	-	-	ND [0.0019]	-	-	0.0001 [0.00019] J, B
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.000024]	-	-	ND [0.00024]	-	-	ND [0.000024]
SW8270	Fluorene	86-73-7	mg/L	1.5	-	ND [0.000029]	-	-	0.00051 [0.00028]	-	-	ND [0.000029]
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW03	MW03	MW03	MW06A	MW06A	MW06A	MW-08	MW-08
				Sample ID	10FWAMW03-GWBS	10FWAMW03-GWS	10FWAMW03-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW06A-GWS	10FWAMW08-GWS	10FWAMW08-GWS
				Lab Sample ID	580-20526-8	580-20526-7	580-20601-5	580-20559-7	580-20559-7	580-20601-14	580-20559-9	580-20559-9
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.00029]	-	-	ND [0.0028]	-	-	ND [0.00029]
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	ND [0.00029]	-	-	ND [0.0028]	-	-	ND [0.00029]
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.000029]	-	-	ND [0.00028]	-	-	ND [0.000029]
SW8270	Isophorone	78-59-1	mg/L	0.9	-	0.000019 [0.00019] J	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.00019]	-	-	0.00058 [0.0019] J	-	-	ND [0.00019]
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	ND [0.00096]	-	-	ND [0.0094]	-	-	ND [0.00096]
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	ND [0.00019] JM-	-	-	ND [0.0019]	-	-	ND [0.00019]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.00034] JL-	-	-	ND [0.0033] JL-	-	-	ND [0.00034] JL-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	ND [0.000038]	-	-	ND [0.00038]	-	-	ND [0.000038]
SW8270	Phenol	108-95-2	mg/L	11	-	ND [0.00029]	-	-	ND [0.0028]	-	-	ND [0.00029]
SW8270	Pyrene	129-00-0	mg/L	1.1	-	ND [0.000029]	-	-	ND [0.00028]	-	-	ND [0.000029]
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	ND [0.001]	-	-	ND [0.0001]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	ND [0.001]	-	-	ND [0.0001]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	-	ND [0.004]	-	-	ND [0.0005]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	-	ND [0.001]	-	-	ND [0.0001]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	ND [0.001]	-	-	ND [0.0001]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	-	ND [0.004]	-	-	ND [0.0005]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	-	ND [0.001]	-	-	ND [0.0001]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	-	ND [0.001]	-	-	ND [0.0001]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW08	MW08	MW12	MW12	MW12	MW12	MW12	MW12
				Sample ID	10FWAMW08-GWS	10FWAMW08-GWS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWS	10FWAMW12-GWS	10FWAMW12-GWS
				Lab Sample ID	580-20601-16	580-20605-1	580-20526-6	580-20526-6	580-20601-4	580-20526-1	580-20526-1	580-20601-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	-	ND [0.0012]	-	-	ND [0.0012]	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	-	-	0.00017 [0.00095] J	-	-	ND [0.00096]	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	-	-	ND [0.00095]	-	-	0.00012 [0.00096] J	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	-	-	0.00068 [0.00095] J	-	-	0.00096 [0.00096]	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	ND [0.00095] JL-	-	-	ND [0.00096] JL-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	-	-	ND [0.00095]	-	-	ND [0.00096]	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	0.016 [0.05] J, B	-	-	-	0.08 [0.05] B	-	-	0.076 [0.05] B
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	0.14 [0.096]	-	4.4 [0.097]	-	-	5.3 [0.19]	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.17 [0.096]	-	0.11 [0.097] JD	-	-	0.15 [0.094] JD	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	-	ND [1]	-	-	ND [1]	-
SW6010B	Boron	7440-42-8	mg/L		-	-	-	ND [2.5]	-	-	0.11 [2.5] J	-
SW6010B	Calcium	7440-70-2	mg/L		-	-	-	79 [1.1]	-	-	80 [1.1]	-
SW6010B	Magnesium	7439-95-4	mg/L		-	-	-	20 [1.1]	-	-	20 [1.1]	-
SW6010B	Potassium	7440-09-7	mg/L		-	-	-	5.4 [3.3]	-	-	5.5 [3.3]	-
SW6010B	Sodium	7440-23-5	mg/L		-	-	-	5 [2]	-	-	5.2 [2]	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	-	0.0056 [0.002]	-	-	0.0053 [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	-	-	-	0.3 [0.006]	-	-	0.28 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	-	ND [0.002]	-	-	ND [0.002]	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW08	MW08	MW12	MW12	MW12	MW12	MW12	MW12
				Sample ID	10FWAMW08-GWS	10FWAMW08-GWS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWS	10FWAMW12-GWS	10FWAMW12-GWS
				Lab Sample ID	580-20601-16	580-20605-1	580-20526-6	580-20526-6	580-20601-4	580-20526-1	580-20526-1	580-20601-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	-	ND [0.002]	-	-	0.00052 [0.002] J	-
SW6020	Cobalt	7440-48-4	mg/L		-	-	-	0.00017 [0.002] J	-	-	0.00017 [0.002] J	-
SW6020	Copper	7440-50-8	mg/L	1	-	-	-	0.00019 [0.005] J	-	-	0.00093 [0.005] J	-
SW6020	Iron	7439-89-6	mg/L		-	-	-	20 [0.2]	-	-	19 [0.2]	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	-	ND [0.002]	-	-	0.00022 [0.002] J	-
SW6020	Manganese	7439-96-5	mg/L		-	-	-	1.3 [0.002]	-	-	1.3 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	-	0.00082 [0.002] J	-	-	0.00031 [0.002] J	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	-	0.00038 [0.002] J	-	-	ND [0.002]	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	-	0.0005 [0.004] J, B	-	-	0.00043 [0.004] J, B	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	-	0.0026 [0.002]	-	-	0.003 [0.002]	-
SW6020	Zinc	7440-66-6	mg/L	5	-	-	-	ND [0.007]	-	-	0.0023 [0.007] J	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	-	0.00003 [0.000019]	-	-	0.00003 [0.000019]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	-	0.00006 [0.0000096]	-	-	ND [0.0000095]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	-	ND [0.0000096]	-	-	ND [0.0000095]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	-	ND [0.0000096]	-	-	ND [0.0000095]	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	delta-BHC	319-86-8	mg/L		-	-	-	0.000031 [0.0000096]	-	-	ND [0.0000095]	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	-	ND [0.000048]	-	-	ND [0.000048]	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	-	0.00016 [0.0000096] JC+	-	-	0.00016 [0.0000095] JC+	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	-	0.0000044 [0.0000096] J	-	-	ND [0.0000095]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	-	0.000022 [0.0000096]	-	-	0.000021 [0.0000095]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	-	ND [0.0000096]	-	-	ND [0.0000095]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	-	0.0000075 [0.000096] J	-	-	0.0000098 [0.000095] J	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	-	ND [0.00096]	-	-	ND [0.00095]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW08	MW08	MW12	MW12	MW12	MW12	MW12	MW12
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				Lab Sample ID	580-20601-16	580-20605-1	580-20526-6	580-20526-6	580-20601-4	580-20526-1	580-20526-1	580-20601-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	2,4-DB	94-82-6	mg/L		-	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	Dalapon	75-99-0	mg/L		-	-	-	ND [0.0004]	-	-	ND [0.0004]	-
SW8151A	Dicamba	1918-00-9	mg/L		-	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	Dinoseb	88-85-7	mg/L		-	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	-	-	0.00063 [0.001] J, JS+	-	-	0.00039 [0.001] J, JS+
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	-	-	ND [0.002]	-	-	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	-	-	0.00099 [0.001] J, JS+	-	-	0.00098 [0.001] J, JS+
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	-	-	ND [0.01]	-	-	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	-	-	0.00068 [0.001] J, JS+	-	-	0.00069 [0.001] J, JS+
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	-	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW08	MW08	MW12	MW12	MW12	MW12	MW12	MW12
				Sample ID	10FWAMW08-GWS	10FWAMW08-GWS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWS	10FWAMW12-GWS	10FWAMW12-GWS
				Lab Sample ID	580-20601-16	580-20605-1	580-20526-6	580-20526-6	580-20601-4	580-20526-1	580-20526-1	580-20601-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	-	-	0.000081 [0.001] J, JS+	-	-	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	-	-	0.00069 [0.001] J, JS+	-	-	0.00066 [0.001] J, JS+
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	0.000097 [0.001] J	-	-	-	ND [0.001]	-	-	0.00008 [0.001] J, JS+
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	-	-	ND [0.002]	-	-	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	-	-	ND [0.0004]	-	-	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.0007]	-	-	-	0.0016 [0.0007] JL+,JC+	-	-	0.0017 [0.0007] JL+,JC+
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	-	-	ND [0.0001]	-	-	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	-	-	-	0.000071 [0.0005] J	-	-	0.000069 [0.0005] J
SW8260L	Benzene	71-43-2	mg/L	0.005	0.000016 [0.0005] J	-	-	-	0.000014 [0.0005] J	-	-	0.000021 [0.0005] J
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	-	-	ND [0.0005]	-	-	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	-	-	-	ND [0.0005]	-	-	ND [0.0005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	-	-	ND [0.0005]	-	-	ND [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	-	-	ND [0.0002]	-	-	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	-	ND [0.0029]	-	-	ND [0.0029]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-

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				Loc ID	MW08	MW08	MW12	MW12	MW12	MW12	MW12	MW12
				Sample ID	10FWAMW08-GWS	10FWAMW08-GWS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWS	10FWAMW12-GWS	10FWAMW12-GWS
				Lab Sample ID	580-20601-16	580-20605-1	580-20526-6	580-20526-6	580-20601-4	580-20526-1	580-20526-1	580-20601-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	-	ND [0.0048]	-	-	ND [0.0048]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	-	ND [0.024]	-	-	ND [0.024]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	-	ND [0.019]	-	-	ND [0.019]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	-	ND [0.00095]	-	-	0.00015 [0.00096] J	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	-	ND [0.0019]	-	-	0.00043 [0.0019] J	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	-	ND [0.0095]	-	-	ND [0.0096]	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	-	-	ND [0.0038]	-	-	ND [0.0038]	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	-	ND [0.0029]	-	-	ND [0.0029]	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	-	ND [0.0095]	-	-	ND [0.0096]	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	-	ND [0.00048]	-	-	ND [0.00048]	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	-	ND [0.00038]	-	-	ND [0.00038]	-
SW8270	Anthracene	120-12-7	mg/L	11	-	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Azobenzene	103-33-3	mg/L		-	-	-	ND [0.0048]	-	-	ND [0.0048]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	-	ND [0.00038]	-	-	ND [0.00038]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	-	ND [0.0095]	-	-	ND [0.0096]	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	-	ND [0.0029]	-	-	ND [0.0029]	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	-	ND [0.014]	-	-	ND [0.014]	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	-	ND [0.00024]	-	-	ND [0.00024]	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-

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				Loc ID	MW08	MW08	MW12	MW12	MW12	MW12	MW12	MW12
				Sample ID	10FWAMW08-GWS	10FWAMW08-GWS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWBS	10FWAMW12-GWS	10FWAMW12-GWS	10FWAMW12-GWS
				Lab Sample ID	580-20601-16	580-20605-1	580-20526-6	580-20526-6	580-20601-4	580-20526-1	580-20526-1	580-20601-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010	7/20/2010	7/22/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	-	ND [0.0029]	-	-	ND [0.0029]	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	-	ND [0.0029]	-	-	ND [0.0029]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	-	0.00051 [0.0019] J	-	-	0.00049 [0.0019] J	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	-	ND [0.0095]	-	-	ND [0.0096]	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	ND [0.0033] JL-	-	-	ND [0.0034] JL-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	-	ND [0.00038]	-	-	ND [0.00038]	-
SW8270	Phenol	108-95-2	mg/L	11	-	-	-	ND [0.0029]	-	-	ND [0.0029]	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.0041]	-	-	ND [0.001]	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.0041]	-	-	ND [0.004]	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW13	MW26	MW26	MW32	MW32	MW32	MW33
				Sample ID	10FWAMW13-GWS	10FWAMW26-GWS	10FWAMW26-GWS	10FWAMW32-GWS	10FWAMW32-GWS	10FWAMW32-GWS	10FWAMW33-GWS
				Lab Sample ID	580-20463-1	580-20484-4	580-20484-4	580-20526-4	580-20526-4	580-20601-2	580-20526-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/18/2010	7/18/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**							
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000012]	-	ND [0.000013]	-	ND [0.00012]	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000096]	-	ND [0.0000099]	-	0.00095 [0.000095]	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000096]	-	ND [0.0000099]	-	0.000048 [0.000095] J	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000096]	-	0.0000015 [0.0000099] J	-	0.0019 [0.000095]	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000096]	-	ND [0.0000099]	-	0.00069 [0.000095]	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	ND [0.00002]	-	0.00016 [0.00019] J	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000096]	-	ND [0.0000099]	-	0.00024 [0.000095]	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.000095]	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000096]	-	ND [0.0000099]	-	0.000092 [0.000095] J	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000096]	-	0.0000034 [0.0000099] J, B	-	0.0006 [0.000095]	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.000095]	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000096]	-	ND [0.0000099]	-	0.0044 [0.000095]	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000096]	-	ND [0.0000099]	-	0.0021 [0.000095]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000096]	-	ND [0.0000099]	-	0.000038 [0.000095] J	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.000095]	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	0.028 [0.00048] JL-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000021 [0.0000096] J, B	-	ND [0.0000099]	-	0.01 [0.000095]	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	0.0000016 [0.0000096] J	-	ND [0.0000099]	-	0.0045 [0.000095]	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	-	ND [0.05]	-	-	0.034 [0.05] J, B	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.13 [0.098]	-	0.14 [0.098]	-	0.12 [0.097]	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.14 [0.098]	-	0.12 [0.098]	-	0.052 [0.097] J	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	ND [1]	-	ND [1]	-	-
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	ND [2.5]	-	ND [2.5]	-	-
SW6010B	Calcium	7440-70-2	mg/L		140 [1.1]	-	110 [1.1]	-	96 [1.1]	-	-
SW6010B	Magnesium	7439-95-4	mg/L		24 [1.1]	-	23 [1.1]	-	23 [1.1]	-	-
SW6010B	Potassium	7440-09-7	mg/L		4.2 [3.3]	-	5.5 [3.3]	-	5.4 [3.3]	-	-
SW6010B	Sodium	7440-23-5	mg/L		4.9 [2]	-	3.9 [2]	-	5.1 [2]	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	ND [0.002]	-	ND [0.002]	-	0.00044 [0.002] J	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.0025 [0.002]	-	0.002 [0.002]	-	0.00038 [0.002] J, B	-	-
SW6020	Barium	7440-39-3	mg/L	2	0.17 [0.006]	-	0.15 [0.006]	-	0.17 [0.006]	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW13	MW26	MW26	MW32	MW32	MW32	MW33
				Sample ID	10FWAMW13-GWS	10FWAMW26-GWS	10FWAMW26-GWS	10FWAMW32-GWS	10FWAMW32-GWS	10FWAMW32-GWS	10FWAMW33-GWS
				Lab Sample ID	580-20463-1	580-20484-4	580-20484-4	580-20526-4	580-20526-4	580-20601-2	580-20526-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/18/2010	7/18/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW6020	Cadmium	7440-43-9	mg/L	0.005	0.00021 [0.002] J	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	0.00039 [0.002] J	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Cobalt	7440-48-4	mg/L		0.0028 [0.002]	-	0.0023 [0.002]	-	0.0014 [0.002] J	-	-
SW6020	Copper	7440-50-8	mg/L	1	0.00094 [0.005] J	-	0.0011 [0.005] J	-	0.0016 [0.005] J	-	-
SW6020	Iron	7439-89-6	mg/L		7.1 [0.2]	-	0.86 [0.2]	-	0.99 [0.2]	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	0.00033 [0.002] J	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Manganese	7439-96-5	mg/L		0.86 [0.002]	-	0.71 [0.002]	-	0.68 [0.002]	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	0.0065 [0.002]	-	0.0051 [0.002]	-	0.0059 [0.002]	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	ND [0.002]	-	0.0012 [0.002] J	-	0.00089 [0.002] J	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	0.0011 [0.004] J, B	-	0.00087 [0.004] J, B	-	0.00079 [0.004] J, B	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.00055 [0.002] J	-	0.0013 [0.002] J	-	0.001 [0.002] J	-	-
SW6020	Zinc	7440-66-6	mg/L	5	ND [0.007]	-	ND [0.007]	-	0.0043 [0.007] J	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000097]	-	ND [0.0000094]	-	ND [0.0000097]	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000097]	-	ND [0.0000094]	-	ND [0.0000097]	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000097]	-	ND [0.0000094]	-	ND [0.0000097]	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000097]	-	ND [0.0000094]	-	ND [0.0000097]	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000049]	-	ND [0.000047]	-	ND [0.000049]	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000097]	-	ND [0.0000094]	-	ND [0.0000097]	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000097]	-	ND [0.0000094]	-	ND [0.0000097]	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000097]	-	ND [0.0000094]	-	ND [0.0000097]	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000097]	-	ND [0.0000094]	-	ND [0.0000097]	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000097]	-	ND [0.000094]	-	ND [0.000097]	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00097]	-	ND [0.00094]	-	ND [0.00097]	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	ND [0.00049]	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

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				Lab Sample ID	580-20463-1	580-20484-4	580-20484-4	580-20526-4	580-20526-4	580-20601-2	580-20526-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/18/2010	7/18/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	ND [0.00049]	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	ND [0.00049]	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	-
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	-
SW8151A	Dalapon	75-99-0	mg/L		ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-	-
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	-
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	0.0012 [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	ND [0.002]	-	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	ND [0.01]	-	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW13	MW26	MW26	MW32	MW32	MW32	MW33
				Sample ID	10FWAMW13-GWS	10FWAMW26-GWS	10FWAMW26-GWS	10FWAMW32-GWS	10FWAMW32-GWS	10FWAMW32-GWS	10FWAMW33-GWS
				Lab Sample ID	580-20463-1	580-20484-4	580-20484-4	580-20526-4	580-20526-4	580-20601-2	580-20526-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/18/2010	7/18/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	0.0002 [0.001] J	-	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	0.00015 [0.001] J, B	-	-	ND [0.001]	-
SW8260B	Toluene	108-88-3	mg/L	1	0.00023 [0.001] J	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	ND [0.0004]	-	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.000027 [0.0007] J	-	0.0015 [0.0007]	-	-	0.00051 [0.0007] J,JL+,JC+	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.000017 [0.0005] J	-	ND [0.0005]	-	-	0.000049 [0.0005] J	-
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	-	0.00001 [0.0005] J	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	ND [0.00019]	-	0.000022 [0.0002] J	-	ND [0.00019]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW13	MW26	MW26	MW32	MW32	MW32	MW33
				Sample ID	10FWAMW13-GWS	10FWAMW26-GWS	10FWAMW26-GWS	10FWAMW32-GWS	10FWAMW32-GWS	10FWAMW32-GWS	10FWAMW33-GWS
				Lab Sample ID	580-20463-1	580-20484-4	580-20484-4	580-20526-4	580-20526-4	580-20601-2	580-20526-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/18/2010	7/18/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**							
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00048]	-	ND [0.0005]	-	ND [0.00048]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0024]	-	ND [0.0025]	-	ND [0.0024]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.0019]	-	ND [0.002]	-	ND [0.0019]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000096]	-	ND [0.000099]	-	0.000039 [0.000095] J	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.00019]	-	0.000016 [0.0002] J	-	ND [0.00019]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00096]	-	ND [0.00099]	-	ND [0.00095]	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	ND [0.00038]	-	ND [0.0004]	-	ND [0.00038]	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00096]	-	ND [0.00099]	-	ND [0.00095]	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.000048]	-	ND [0.00005]	-	0.00078 [0.000048]	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000038]	-	ND [0.00004]	-	0.000053 [0.000038]	-	-
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.000019]	-	ND [0.00002]	-	0.0019 [0.000019]	-	-
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00048]	-	ND [0.0005]	-	ND [0.00048]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000029]	-	ND [0.00003]	-	0.00057 [0.000029]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	ND [0.00002]	-	0.00014 [0.000019]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000038]	-	ND [0.00004]	-	0.00024 [0.000038]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000029]	-	ND [0.00003]	-	0.000043 [0.000029]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000029]	-	ND [0.00003]	-	0.000092 [0.000029]	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	0.0005 [0.00096] J	-	ND [0.00099]	-	0.00059 [0.00095] J,JC+	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		0.00002 [0.00019] J	-	ND [0.0002]	-	0.00003 [0.00019] J	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	0.00014 [0.00029] J,B,JL+	-	0.0001 [0.0003] J, B	-	0.00014 [0.00029] J, B	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0014]	-	ND [0.0015]	-	0.0034 [0.0014]	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.000019]	-	ND [0.00002]	-	0.00061 [0.000019]	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.00019]	-	ND [0.0002]	-	0.00083 [0.00019]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000077 [0.00019] J,B	-	0.000034 [0.0002] J, B	-	0.000092 [0.00019] J,B	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.00012 [0.00019] J,B,JL+	-	0.000062 [0.0002] J,B	-	0.00012 [0.00019] J,B	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000024]	-	ND [0.000025]	-	0.0034 [0.000024]	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.000029]	-	ND [0.00003]	-	0.0018 [0.000029]	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-

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				Loc ID	MW13	MW26	MW26	MW32	MW32	MW32	MW33
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				Lab Sample ID	580-20463-1	580-20484-4	580-20484-4	580-20526-4	580-20526-4	580-20601-2	580-20526-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/18/2010	7/18/2010	7/20/2010	7/20/2010	7/22/2010	7/20/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000029]	-	ND [0.00003]	-	0.000037 [0.000029]	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.00019]	-	ND [0.0002]	-	0.000017 [0.00019] J	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00096]	-	ND [0.00099]	-	ND [0.00095]	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00034]	-	ND [0.00035]	-	0.018 [0.0033] JL-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000038]	-	ND [0.00004]	-	0.0099 [0.00038]	-	-
SW8270	Phenol	108-95-2	mg/L	11	ND [0.00029]	-	ND [0.0003]	-	0.000069 [0.00029] J	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000029]	-	ND [0.00003]	-	0.0032 [0.000029]	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.0001]
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.0001]
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.0001]
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.001]
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.001]
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.0001]
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.0001]
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.000099]	-	ND [0.00097]	-	-	ND [0.004]
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.0001]
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.001]
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.0001]
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.0004]	-	ND [0.00097]	-	-	ND [0.004]
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.001]
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.000099]	-	ND [0.000097]	-	-	ND [0.001]

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW33	MW33	MW-35	MW-35	MW35	MW36	MW-36	MW-36
				Sample ID	10FWAMW33-GWS	10FWAMW33-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW36-GWS	10FWAMW36-GWS	10FWAMW36-GWS
				Lab Sample ID	580-20526-5	580-20601-1	580-20559-3	580-20559-3	580-20601-10	580-20526-10	580-20559-2	580-20559-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	0.00044 [0.0012] J	-	-	0.0000031 [0.000012] J	-	ND [0.000012]	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	0.00016 [0.00095] J	-	-	ND [0.0000095]	-	0.0000028 [0.0000095] J	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.00095]	-	-	ND [0.0000095]	-	ND [0.0000095]	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.00095]	-	-	0.0000016 [0.0000095] J	-	0.000001 [0.0000095] J	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.00095]	-	-	0.0000031 [0.0000095] J	-	0.0000032 [0.0000095] J	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.0019]	-	-	0.0000022 [0.000019] J	-	ND [0.000019]	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.00095]	-	-	0.0000026 [0.0000095] J	-	ND [0.0000095]	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.00095]	-	-	ND [0.0000095]	-	ND [0.0000095]	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.00095]	-	-	0.0000023 [0.0000095] J	-	ND [0.0000095]	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.00095]	-	-	0.0000044 [0.0000095] J	-	0.0000043 [0.0000095] J, B	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.00095]	-	-	ND [0.0000095]	-	ND [0.0000095]	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.00095]	-	-	ND [0.0000095]	-	0.0000048 [0.0000095] J	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.00095]	-	-	ND [0.0000095]	-	ND [0.0000095]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.00095]	-	-	ND [0.0000095]	-	ND [0.0000095]	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.00095]	-	-	ND [0.0000095]	-	ND [0.0000095]	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00095] JL-	-	-	0.000011 [0.0000095]	-	0.000044 [0.0000095] JL-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	ND [0.00095]	-	-	0.0000024 [0.0000095] J	-	0.0000025 [0.0000095] J	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.00095]	-	-	0.0000061 [0.0000095] J	-	0.000006 [0.0000095] J	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	0.075 [0.05] B	-	-	0.015 [0.05] J, B	-	-	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	10 [0.49]	-	-	0.18 [0.096]	-	-	-	0.077 [0.096] J
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.4 [0.2]	-	-	0.28 [0.096]	-	-	-	0.15 [0.096]
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	-	ND [1]	-	ND [1]	-	-
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	-	ND [2.5]	-	ND [2.5]	-	-
SW6010B	Calcium	7440-70-2	mg/L		77 [1.1]	-	-	98 [1.1]	-	89 [1.1]	-	-
SW6010B	Magnesium	7439-95-4	mg/L		17 [1.1]	-	-	23 [1.1]	-	19 [1.1]	-	-
SW6010B	Potassium	7440-09-7	mg/L		4.7 [3.3]	-	-	5.4 [3.3]	-	6.4 [3.3]	-	-
SW6010B	Sodium	7440-23-5	mg/L		4.9 [2]	-	-	5.5 [2]	-	6.7 [2]	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	ND [0.002]	-	-	ND [0.002] JM-	-	0.0038 [0.002]	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.028 [0.002]	-	-	ND [0.002]	-	0.0065 [0.002]	-	-
SW6020	Barium	7440-39-3	mg/L	2	0.31 [0.006]	-	-	0.11 [0.006]	-	0.047 [0.006]	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW33	MW33	MW-35	MW-35	MW35	MW36	MW-36	MW-36
				Sample ID	10FWAMW33-GWS	10FWAMW33-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW36-GWS	10FWAMW36-GWS	10FWAMW36-GWS
				Lab Sample ID	580-20526-5	580-20601-1	580-20559-3	580-20559-3	580-20601-10	580-20526-10	580-20559-2	580-20559-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	-	-	ND [0.002]	-	0.00046 [0.002] J	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	0.00082 [0.002] J	-	-	0.0019 [0.002] J	-	0.0005 [0.002] J	-	-
SW6020	Cobalt	7440-48-4	mg/L		ND [0.002]	-	-	0.0015 [0.002] J	-	0.016 [0.002]	-	-
SW6020	Copper	7440-50-8	mg/L	1	0.002 [0.005] J	-	-	0.0027 [0.005] J	-	0.0099 [0.005]	-	-
SW6020	Iron	7439-89-6	mg/L		38 [0.2]	-	-	ND [0.2]	-	0.053 [0.2] J	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	0.00065 [0.002] J	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Manganese	7439-96-5	mg/L		1.7 [0.002]	-	-	0.21 [0.002]	-	0.0043 [0.002]	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	0.00047 [0.002] J	-	-	0.0082 [0.002]	-	0.044 [0.002]	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	0.00068 [0.002] J	-	-	0.0026 [0.002]	-	0.0085 [0.002]	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	0.00061 [0.004] J, B	-	-	0.0002 [0.004] J, B	-	0.00041 [0.004] J, B	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.0035 [0.002]	-	-	ND [0.002]	-	0.013 [0.002]	-	-
SW6020	Zinc	7440-66-6	mg/L	5	ND [0.007]	-	-	ND [0.007]	-	ND [0.007]	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	0.000054 [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000096]	-	-	ND [0.0000096]	-	ND [0.0000095]	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	0.0004 [0.0000096] JC+	-	-	ND [0.0000096]	-	ND [0.0000095]	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000096]	-	-	ND [0.0000096]	-	ND [0.0000095]	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	0.00016 [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000096]	-	-	ND [0.0000096]	-	ND [0.0000095]	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		0.000016 [0.000019] J	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		0.00019 [0.000048]	-	-	ND [0.000048]	-	ND [0.000048]	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	0.0002 [0.0000096] JC+	-	-	ND [0.0000096]	-	ND [0.0000095]	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	0.000041 [0.0000096]	-	-	ND [0.0000096]	-	ND [0.0000095]	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	0.000047 [0.0000096]	-	-	ND [0.0000096]	-	ND [0.0000095]	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000096]	-	-	ND [0.0000096]	-	ND [0.0000095]	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000096]	-	-	ND [0.000096]	-	ND [0.000095]	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00096]	-	-	ND [0.00096]	-	ND [0.00095]	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW33	MW33	MW-35	MW-35	MW35	MW36	MW-36	MW-36
				Sample ID	10FWAMW33-GWS	10FWAMW33-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW36-GWS	10FWAMW36-GWS	10FWAMW36-GWS
				Lab Sample ID	580-20526-5	580-20601-1	580-20559-3	580-20559-3	580-20601-10	580-20526-10	580-20559-2	580-20559-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.0025]	-	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.0025]	-	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.0025]	-	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.0025]	-	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00025]	-	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	Dalapon	75-99-0	mg/L		ND [0.0004]	-	-	ND [0.00038]	-	ND [0.00039]	-	-
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00025]	-	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.0025]	-	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.0025]	-	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	0.00061 [0.001] J, JS+	-	-	ND [0.001]	-	-	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	-	-	ND [0.002]	-	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	0.00084 [0.001] J, JS+	-	-	ND [0.001]	-	-	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	-	-	ND [0.01]	-	-	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	-	-	ND [0.005]	-	-	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	0.0014 [0.001] JS+	-	-	ND [0.001]	-	-	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	-	-	ND [0.005]	-	-	-
SW8260B	Acetone	67-64-1	mg/L	33	-	0.0025 [0.005] J, JS+	-	-	ND [0.005]	-	-	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	0.000059 [0.001] J, JS+	-	-	ND [0.001]	-	-	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	-	-	ND [0.005]	-	-	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	-	-	0.000084 [0.001] J	-	-	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW33	MW33	MW-35	MW-35	MW35	MW36	MW-36	MW-36
				Sample ID	10FWAMW33-GWS	10FWAMW33-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW36-GWS	10FWAMW36-GWS	10FWAMW36-GWS
				Lab Sample ID	580-20526-5	580-20601-1	580-20559-3	580-20559-3	580-20601-10	580-20526-10	580-20559-2	580-20559-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	-	-	ND [0.005]	-	-	-
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	-	-	ND [0.005]	-	-	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	0.00017 [0.001] J, JS+	-	-	ND [0.001]	-	-	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	0.00068 [0.001] J, JS+	-	-	ND [0.001]	-	-	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Toluene	108-88-3	mg/L	1	-	ND [0.001]	-	-	0.00045 [0.001] J	-	-	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	-	-	ND [0.001]	-	-	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	0.00027 [0.002] J, JS+	-	-	ND [0.002]	-	-	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	-	-	ND [0.0004]	-	-	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	0.00077 [0.0007] JL+,JC+	-	-	0.00022 [0.0007] J,JL+,JC+	-	-	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	-	-	ND [0.0001]	-	-	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	0.000077 [0.0005] J	-	-	ND [0.0005]	-	-	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	0.000041 [0.0005] J	-	-	0.000023 [0.0005] J	-	-	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	0.000026 [0.0002] J	-	-	ND [0.0002]	-	-	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.00057]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	ND [0.00038]	-	-	0.00005 [0.00019] J	-	0.00019 [0.00019]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW33	MW33	MW-35	MW-35	MW35	MW36	MW-36	MW-36
				Sample ID	10FWAMW33-GWS	10FWAMW33-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW36-GWS	10FWAMW36-GWS	10FWAMW36-GWS
				Lab Sample ID	580-20526-5	580-20601-1	580-20559-3	580-20559-3	580-20601-10	580-20526-10	580-20559-2	580-20559-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00095]	-	-	ND [0.00048]	-	ND [0.00048]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0048]	-	-	ND [0.0024]	-	ND [0.0024]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.000057]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.0038]	-	-	ND [0.0019]	-	ND [0.0019]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	0.00024 [0.00019]	-	-	ND [0.000095]	-	ND [0.000095]	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.0019]	-	-	ND [0.00095]	-	ND [0.00095]	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	ND [0.00076]	-	-	ND [0.00038]	-	ND [0.00038]	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.00057]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.0019]	-	-	ND [0.00095]	-	ND [0.00095]	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.000095]	-	-	ND [0.000048]	-	ND [0.000048]	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000076]	-	-	ND [0.000038]	-	ND [0.000038]	-	-
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.000038]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00095]	-	-	ND [0.00048]	-	ND [0.00048]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000057]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000038]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000076]	-	-	ND [0.000038]	-	ND [0.000038]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000057]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000057]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	ND [0.0019]	-	-	0.00076 [0.00095] J	-	0.00064 [0.00095] J,JC+	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		ND [0.00038]	-	-	0.000031 [0.00019] J	-	ND [0.00019]	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	0.00022 [0.00057] J, B	-	-	0.0001 [0.00029] J, B	-	0.00014 [0.00029] J, B	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0029]	-	-	ND [0.0014]	-	0.028 [0.014]	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.000038]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000057]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	ND [0.00038]	-	-	0.000049 [0.00019] J, B	-	0.00005 [0.00019] J,B	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.00038]	-	-	0.000011 [0.00019] J	-	ND [0.00019]	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	ND [0.00038]	-	-	0.00008 [0.00019] J, B	-	0.000096 [0.00019] J,B	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000048]	-	-	ND [0.000024]	-	ND [0.000024]	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.000057]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW33	MW33	MW-35	MW-35	MW35	MW36	MW-36	MW-36
				Sample ID	10FWAMW33-GWS	10FWAMW33-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW35-GWS	10FWAMW36-GWS	10FWAMW36-GWS	10FWAMW36-GWS
				Lab Sample ID	580-20526-5	580-20601-1	580-20559-3	580-20559-3	580-20601-10	580-20526-10	580-20559-2	580-20559-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/20/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00057]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00057]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000057]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	0.00017 [0.00038] J	-	-	ND [0.00019]	-	0.0000071 [0.00019] J	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.0019]	-	-	ND [0.00095]	-	ND [0.00095]	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.00038]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00067] JL-	-	-	ND [0.00033] JL-	-	ND [0.00033] JL-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000076]	-	-	ND [0.000038]	-	ND [0.000038]	-	-
SW8270	Phenol	108-95-2	mg/L	11	ND [0.00057]	-	-	0.000038 [0.00029] J	-	0.00005 [0.00029] J	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000057]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.00049]	-	-	-	ND [0.00049]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.00049]	-	-	-	ND [0.00049]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.000098]	-	-	-	ND [0.000098]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW36	MW-37	MW-37	MW37	MW-38	MW-38	MW38
				Sample ID	10FWAMW36-GWS	10FWAMW37-GWS	10FWAMW37-GWS	10FWAMW37-GWS	10FWAMW38-GWS	10FWAMW38-GWS	10FWAMW38-GWS
				Lab Sample ID	580-20601-9	580-20559-4	580-20559-4	580-20601-11	580-20559-6	580-20559-6	580-20601-13
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	0.000037 [0.000012]	-	-	ND [0.000012]	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	-	0.0000054 [0.0000095] J	-	-	ND [0.0000095]	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	-	ND [0.0000095]	-	-	ND [0.0000095]	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	-	ND [0.0000095]	-	-	ND [0.0000095]	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	ND [0.0000095]	-	-	0.0000032 [0.0000095] J	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	ND [0.000019]	-	-	0.000003 [0.000019] J	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	ND [0.0000095]	-	-	0.0000035 [0.0000095] J	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	ND [0.0000095]	-	-	ND [0.0000095]	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	ND [0.0000095]	-	-	0.0000038 [0.0000095] J	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	-	0.0000029 [0.0000095] J	-	-	0.0000042 [0.0000095] J	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	ND [0.0000095]	-	-	ND [0.0000095]	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	-	ND [0.0000095]	-	-	0.0000025 [0.0000095] J	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	-	ND [0.0000095]	-	-	ND [0.0000095]	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	ND [0.0000095]	-	-	0.0000019 [0.0000095] J	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	-	0.0000077 [0.0000095] J	-	-	0.0000036 [0.0000095] J	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	ND [0.0000095]	-	-	0.00001 [0.0000095]	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	-	ND [0.0000095]	-	-	0.0000017 [0.0000095] J	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	-	0.0000023 [0.0000095] J	-	-	0.000002 [0.0000095] J	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	0.016 [0.05] J, B	-	-	0.018 [0.05] J, B	-	-	0.015 [0.05] J, B
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	-	0.7 [0.096]	-	-	0.18 [0.096]	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	-	0.29 [0.096]	-	-	0.38 [0.096]	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	ND [1]	-	-	ND [1]	-
SW6010B	Boron	7440-42-8	mg/L		-	-	ND [2.5]	-	-	ND [2.5]	-
SW6010B	Calcium	7440-70-2	mg/L		-	-	70 [1.1]	-	-	95 [1.1]	-
SW6010B	Magnesium	7439-95-4	mg/L		-	-	16 [1.1]	-	-	19 [1.1]	-
SW6010B	Potassium	7440-09-7	mg/L		-	-	4.6 [3.3]	-	-	5.9 [3.3]	-
SW6010B	Sodium	7440-23-5	mg/L		-	-	4.4 [2]	-	-	5.8 [2]	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	0.0019 [0.002] J	-	-	0.0011 [0.002] J	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	ND [0.002]	-	-	0.0075 [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	-	-	0.11 [0.006]	-	-	0.2 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	ND [0.002]	-	-	ND [0.002]	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW36	MW-37	MW-37	MW37	MW-38	MW-38	MW38
				Sample ID	10FWAMW36-GWS	10FWAMW37-GWS	10FWAMW37-GWS	10FWAMW37-GWS	10FWAMW38-GWS	10FWAMW38-GWS	10FWAMW38-GWS
				Lab Sample ID	580-20601-9	580-20559-4	580-20559-4	580-20601-11	580-20559-6	580-20559-6	580-20601-13
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	0.0022 [0.002]	-	-	0.0023 [0.002]	-
SW6020	Cobalt	7440-48-4	mg/L		-	-	0.0004 [0.002] J	-	-	0.00052 [0.002] J	-
SW6020	Copper	7440-50-8	mg/L	1	-	-	0.0029 [0.005] J	-	-	0.00087 [0.005] J	-
SW6020	Iron	7439-89-6	mg/L		-	-	ND [0.2]	-	-	9.5 [0.2]	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Manganese	7439-96-5	mg/L		-	-	0.18 [0.002]	-	-	1 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	0.0042 [0.002]	-	-	0.0029 [0.002]	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	0.0024 [0.002]	-	-	0.0012 [0.002] J	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	0.001 [0.004] J, B	-	-	0.00054 [0.004] J, B	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	ND [0.002]	-	-	0.00024 [0.002] J	-
SW6020	Zinc	7440-66-6	mg/L	5	-	-	ND [0.007]	-	-	0.0026 [0.007] J	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	ND [0.000019] JS-	-	-	ND [0.000019]	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	ND [0.000019] JS-	-	-	0.0000011 [0.000019] J	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	0.0000039 [0.000019] J,JS	-	-	ND [0.000019]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	ND [0.0000095] JS-	-	-	ND [0.0000094]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	ND [0.0000095] JS-	-	-	ND [0.0000094]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	ND [0.0000095] JS-	-	-	ND [0.0000094]	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	ND [0.000019] JS-	-	-	ND [0.000019]	-
SW8081A	delta-BHC	319-86-8	mg/L		-	-	ND [0.0000095] JS-	-	-	ND [0.0000094]	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	ND [0.000019] JS-	-	-	ND [0.000019]	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	ND [0.000019] JS-	-	-	ND [0.000019]	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	ND [0.000019] JS-	-	-	ND [0.000019]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	ND [0.000019] JS-	-	-	ND [0.000019]	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	ND [0.000019] JS-	-	-	ND [0.000019]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	ND [0.000048] JS-	-	-	ND [0.000047]	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	ND [0.000019] JS-	-	-	ND [0.000019]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	ND [0.0000095] JS-	-	-	ND [0.0000094]	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	ND [0.0000095] JS-	-	-	ND [0.0000094]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	ND [0.0000095] JS-	-	-	ND [0.0000094]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	ND [0.0000095] JS-	-	-	ND [0.0000094]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	ND [0.000095] JS-	-	-	ND [0.000094]	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	ND [0.00095] JS-	-	-	ND [0.00094]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-

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				Lab Sample ID	580-20601-9	580-20559-4	580-20559-4	580-20601-11	580-20559-6	580-20559-6	580-20601-13
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	2,4-DB	94-82-6	mg/L		-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	Dalapon	75-99-0	mg/L		-	-	ND [0.0004]	-	-	ND [0.00039]	-
SW8151A	Dicamba	1918-00-9	mg/L		-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	Dinoseb	88-85-7	mg/L		-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]

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				Loc ID	MW36	MW-37	MW-37	MW37	MW-38	MW-38	MW38
				Sample ID	10FWAMW36-GWS	10FWAMW37-GWS	10FWAMW37-GWS	10FWAMW37-GWS	10FWAMW38-GWS	10FWAMW38-GWS	10FWAMW38-GWS
				Lab Sample ID	580-20601-9	580-20559-4	580-20559-4	580-20601-11	580-20559-6	580-20559-6	580-20601-13
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	-	0.00012 [0.001] J, JS+
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.00037 [0.001] J, B	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	-	0.00011 [0.001] J	-	-	0.00022 [0.001] J, JS+
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	0.0004 [0.001] J, JS+
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.000037 [0.0007] J,JL+,JC+	-	-	0.00032 [0.0007] J,JL+,JC+	-	-	0.000029 [0.0007] J,JL+,JC+
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	-	-	0.00002 [0.0005] J	-	-	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	-	0.000015 [0.0005] J	-	-	0.000013 [0.0005] J
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000033 [0.0005] J	-	-	ND [0.0005]	-	-	ND [0.0005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	0.00016 [0.0005] J
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	0.000047 [0.00019] J	-	-	0.000023 [0.00019] J	-

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				Loc ID	MW36	MW-37	MW-37	MW37	MW-38	MW-38	MW38
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				Lab Sample ID	580-20601-9	580-20559-4	580-20559-4	580-20601-11	580-20559-6	580-20559-6	580-20601-13
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	ND [0.00048]	-	-	ND [0.00048]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	ND [0.0024]	-	-	ND [0.0024]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	ND [0.0019]	-	-	ND [0.0019]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	0.00002 [0.000095] J	-	-	ND [0.000095]	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	ND [0.00095]	-	-	ND [0.00095]	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	-	ND [0.00038]	-	-	ND [0.00038]	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	ND [0.00095]	-	-	ND [0.00095]	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	ND [0.000048]	-	-	ND [0.000048]	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	ND [0.000038]	-	-	ND [0.000038]	-
SW8270	Anthracene	120-12-7	mg/L	11	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8270	Azobenzene	103-33-3	mg/L		-	-	ND [0.00048]	-	-	ND [0.00048]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	ND [0.000038]	-	-	ND [0.000038]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	0.00058 [0.00095] J	-	-	0.00053 [0.00095] J	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	0.00012 [0.00029] J, B	-	-	0.00011 [0.00029] J, B	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	ND [0.0014]	-	-	ND [0.0014]	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	ND [0.000019]	-	-	ND [0.000019]	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	0.000052 [0.00019] J, B	-	-	0.000046 [0.00019] J, B	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	0.000089 [0.00019] J, B	-	-	0.000079 [0.00019] J, B	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	ND [0.000024]	-	-	ND [0.000024]	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	ND [0.00019]	-	-	ND [0.00019]	-

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				Sample ID	10FWAMW36-GWS	10FWAMW37-GWS	10FWAMW37-GWS	10FWAMW37-GWS	10FWAMW38-GWS	10FWAMW38-GWS	10FWAMW38-GWS
				Lab Sample ID	580-20601-9	580-20559-4	580-20559-4	580-20601-11	580-20559-6	580-20559-6	580-20601-13
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/21/2010	7/21/2010	7/22/2010	7/21/2010	7/21/2010	7/22/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	ND [0.00095]	-	-	ND [0.00095]	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	ND [0.00019]	-	-	ND [0.00019]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	ND [0.00033] JL-	-	-	ND [0.00033] JL-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	ND [0.000038]	-	-	ND [0.000038]	-
SW8270	Phenol	108-95-2	mg/L	11	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.00047]	-	-	ND [0.00048]	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.00047]	-	-	ND [0.00048]	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.000095]	-	-	ND [0.000096]	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.000095]	-	-	ND [0.000096]	-	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW-43
				Sample ID	10FWAMW39-GWBS	10FWAMW39-GWBS	10FWAMW39-GWS	10FWAMW39-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW43-GWS
				Lab Sample ID	580-20463-4	580-20463-4	580-20463-3	580-20463-3	580-20605-4	580-20605-4	580-20639-12	580-20559-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/22/2010	7/22/2010	7/26/2010	7/21/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000012]	-	ND [0.000012]	-	ND [0.000012]	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	0.000001 [0.0000096] J	-	0.0000052 [0.0000096] J	-	ND [0.0000096]	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	0.0000017 [0.0000096] J	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	0.0000029 [0.0000096] J	-	0.0000029 [0.0000096] J	-	0.000002 [0.0000096] J	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	0.0000035 [0.0000096] J	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	0.0000019 [0.0000096] J	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000096]	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	0.0000026 [0.0000096] J	-	0.0000021 [0.0000096] J, B	-	0.0000015 [0.0000096] J, B	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	0.0000026 [0.0000096] J	-	0.0000016 [0.0000096] J	-	0.0000017 [0.0000096] J	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	0.021 [0.05] J	-	ND [0.05]	-	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	0.079 [0.097] J	-	0.1 [0.097]	-	0.14 [0.097]	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.082 [0.097] J	-	0.1 [0.097]	-	0.15 [0.097]	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	ND [1]	-	ND [1]	-	ND [1]	-	-
SW6010B	Boron	7440-42-8	mg/L		-	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	70 [1.1]	-	66 [1.1]	-	69 [1.1]	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	16 [1.1]	-	15 [1.1]	-	16 [1.1]	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	5.6 [3.3]	-	5.3 [3.3]	-	6.3 [3.3]	-	-
SW6010B	Sodium	7440-23-5	mg/L		-	9.9 [2]	-	9.5 [2]	-	11 [2]	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	ND [0.002]	-	ND [0.002]	-	0.0026 [0.002] B	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	0.008 [0.002]	-	0.0079 [0.002]	-	0.011 [0.002] B	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	0.28 [0.006]	-	0.27 [0.006]	-	0.3 [0.006]	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW-43
				Sample ID	10FWAMW39-GWBS	10FWAMW39-GWBS	10FWAMW39-GWS	10FWAMW39-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW43-GWS
				Lab Sample ID	580-20463-4	580-20463-4	580-20463-3	580-20463-3	580-20605-4	580-20605-4	580-20639-12	580-20559-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/22/2010	7/22/2010	7/26/2010	7/21/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	ND [0.002]	-	ND [0.002]	-	0.002 [0.002]	-	-
SW6020	Cobalt	7440-48-4	mg/L		-	ND [0.002]	-	ND [0.002]	-	0.00024 [0.002] J	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	ND [0.005]	-	ND [0.005]	-	0.0073 [0.005]	-	-
SW6020	Iron	7439-89-6	mg/L		-	8.8 [0.2]	-	7.7 [0.2]	-	8.8 [0.2]	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	ND [0.002]	-	ND [0.002]	-	0.0065 [0.002]	-	-
SW6020	Manganese	7439-96-5	mg/L		-	0.85 [0.002]	-	0.74 [0.002]	-	0.75 [0.002]	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	0.00041 [0.002] J	-	ND [0.002]	-	0.0035 [0.002]	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	ND [0.002]	-	ND [0.002]	-	0.0021 [0.002] B	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	0.00049 [0.004] J, B	-	ND [0.004]	-	0.00094 [0.004] J, B	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	0.0011 [0.002] J	-	0.00071 [0.002] J	-	ND [0.002]	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	ND [0.007]	-	ND [0.007]	-	0.014 [0.007]	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	0.0000012 [0.0000096] J	-	ND [0.0000098]	-	ND [0.0000094]	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000094]	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000094]	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000094]	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	ND [0.000048]	-	ND [0.000049]	-	ND [0.000047]	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000094]	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000094]	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000094]	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000094]	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	ND [0.000096]	-	ND [0.000098]	-	ND [0.000094]	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	ND [0.00096]	-	ND [0.00098]	-	ND [0.00094]	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	ND [0.00048]	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	ND [0.00048]	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	ND [0.00048]	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	ND [0.00048]	-	ND [0.00049]	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW-43
				Sample ID	10FWAMW39-GWBS	10FWAMW39-GWBS	10FWAMW39-GWS	10FWAMW39-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW43-GWS
				Lab Sample ID	580-20463-4	580-20463-4	580-20463-3	580-20463-3	580-20605-4	580-20605-4	580-20639-12	580-20559-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/22/2010	7/22/2010	7/26/2010	7/21/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	ND [0.00048]	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	ND [0.00048]	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	ND [0.00048]	-	ND [0.00049]	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	ND [0.00024]	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	ND [0.00024]	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	ND [0.00024]	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	ND [0.00024]	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00024]	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	ND [0.00039]	-	ND [0.00038]	-	ND [0.00039]	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	ND [0.00024]	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	ND [0.00024]	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	ND [0.00024]	-	ND [0.00024]	-	ND [0.00024]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	0.00035 [0.001] J, B	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	-	ND [0.01]	-	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	-	ND [0.005]	-	ND [0.005]	-	-	0.0069 [0.005] B	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	-	ND [0.001]	-	-	0.00067 [0.001] J	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW-43
				Sample ID	10FWAMW39-GWBS	10FWAMW39-GWBS	10FWAMW39-GWS	10FWAMW39-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW43-GWS
				Lab Sample ID	580-20463-4	580-20463-4	580-20463-3	580-20463-3	580-20605-4	580-20605-4	580-20639-12	580-20559-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/22/2010	7/22/2010	7/26/2010	7/21/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Toluene	108-88-3	mg/L	1	-	0.00019 [0.001] J	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	ND [0.002]	-	ND [0.002]	-	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	-	ND [0.0004]	-	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.0007]	-	ND [0.0007]	-	-	ND [0.0007]	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	0.000052 [0.0005] J	-	0.000047 [0.0005] J	-	-	0.00027 [0.0005] J	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	-	-	0.000013 [0.0005] J	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.0002]	-	ND [0.0002]	-	-	0.00021 [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	ND [0.00019]	-	0.000021 [0.00019] J	-	ND [0.00019]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW-43
				Sample ID	10FWAMW39-GWBS	10FWAMW39-GWBS	10FWAMW39-GWS	10FWAMW39-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW43-GWS
				Lab Sample ID	580-20463-4	580-20463-4	580-20463-3	580-20463-3	580-20605-4	580-20605-4	580-20639-12	580-20559-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/22/2010	7/22/2010	7/26/2010	7/21/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	ND [0.00048]	-	ND [0.00048]	-	ND [0.00048]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	ND [0.0024]	-	ND [0.0024]	-	ND [0.0024]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	ND [0.0019]	-	ND [0.0019]	-	ND [0.0019]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000096]	-	ND [0.000096]	-	ND [0.000096]	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	ND [0.00096]	-	ND [0.00096] JM-	-	ND [0.00096]	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	ND [0.00038]	-	ND [0.00038]	-	0.0000099 [0.00038] J	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00096]	-	ND [0.00096]	-	ND [0.00096]	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.000048]	-	ND [0.000048]	-	ND [0.000048]	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.000038]	-	ND [0.000038]	-	ND [0.000038]	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	ND [0.00048]	-	ND [0.00048]	-	ND [0.00048]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.000038]	-	ND [0.000038]	-	ND [0.000038]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	0.00064 [0.00096] J	-	0.00046 [0.00096] J	-	0.0007 [0.00096] J	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	0.000034 [0.00019] J	-	0.000046 [0.00019] J	-	0.000041 [0.00019] J, B	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	0.00011 [0.00029] J,B,JL+	-	0.00011 [0.00029] J,B,JL+	-	0.00023 [0.00029] J,B	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	ND [0.0014]	-	ND [0.0014]	-	ND [0.0014]	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	0.0000092 [0.000019] J	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	0.000036 [0.00019] J,B	-	0.000067 [0.00019] J,B	-	0.000054 [0.00019] J, B	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	0.000081 [0.00019] J,B,JL+	-	0.00012 [0.00019] J,B,JL+	-	0.0001 [0.00019] J, B	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.000024]	-	ND [0.000024]	-	ND [0.000024]	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW40	MW-43
				Sample ID	10FWAMW39-GWBS	10FWAMW39-GWBS	10FWAMW39-GWS	10FWAMW39-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW40-GWS	10FWAMW43-GWS
				Lab Sample ID	580-20463-4	580-20463-4	580-20463-3	580-20463-3	580-20605-4	580-20605-4	580-20639-12	580-20559-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/14/2010	7/14/2010	7/22/2010	7/22/2010	7/26/2010	7/21/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	ND [0.00096]	-	ND [0.00096]	-	ND [0.00096]	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.00034]	-	ND [0.00034]	-	ND [0.00034] JL-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	ND [0.000038]	-	ND [0.000038]	-	ND [0.000038]	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.00048]
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	ND [0.00039]	-	ND [0.00039]	-	ND [0.00095]	-	-	ND [0.00048]
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	ND [0.000096]	-	ND [0.000098]	-	ND [0.000095]	-	-	ND [0.000097]

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW-43	MW43	MW45	MW45	MW45	MW47	MW47
				Sample ID	10FWAMW43-GWS	10FWAMW43-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW47-GWS	10FWAMW47-GWS
				Lab Sample ID	580-20559-5	580-20601-12	580-20605-3	580-20605-3	580-20639-13	580-20475-1	580-20475-1
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/22/2010	7/22/2010	7/22/2010	7/26/2010	7/15/2010	7/15/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**							
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000012]	-	-	ND [0.000012]	-	-	ND [0.000012]
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Chrysene	218-01-9	mg/L	0.12	0.0000031 [0.0000095] J	-	-	0.0000034 [0.0000096] J	-	-	0.000003 [0.0000096] J
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000095]	-	-	ND [0.0000096]	-	-	0.0000025 [0.0000096] J
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000095]	-	-	ND [0.0000096]	-	-	ND [0.0000096]
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	0.0000067 [0.0000095] J,JM+	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	ND [0.0000095]	-	-	0.000003 [0.0000096] J, B	-	-	0.0000023 [0.0000096] J, B
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000095]	-	-	ND [0.0000096]	-	-	0.0000017 [0.0000096] J
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	ND [0.05]	-	-	ND [0.05]	-	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.12 [0.096]	-	-	0.17 [0.097]	-	-	0.097 [0.096]
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.25 [0.096]	-	-	0.23 [0.097]	-	-	0.099 [0.096]
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	-	ND [1]	-	-	ND [1]
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]
SW6010B	Calcium	7440-70-2	mg/L		83 [1.1]	-	-	110 [1.1]	-	-	86 [1.1]
SW6010B	Magnesium	7439-95-4	mg/L		19 [1.1]	-	-	27 [1.1]	-	-	20 [1.1]
SW6010B	Potassium	7440-09-7	mg/L		5.9 [3.3]	-	-	6.5 [3.3]	-	-	5.7 [3.3]
SW6010B	Sodium	7440-23-5	mg/L		6.3 [2]	-	-	9.2 [2]	-	-	8.6 [2]
SW6020	Antimony	7440-36-0	mg/L	0.006	0.0015 [0.002] J	-	-	0.0013 [0.002] J, B	-	-	ND [0.002]
SW6020	Arsenic	7440-38-2	mg/L	0.01	ND [0.002]	-	-	0.011 [0.002] B	-	-	0.0014 [0.002] J
SW6020	Barium	7440-39-3	mg/L	2	0.22 [0.006]	-	-	0.43 [0.006]	-	-	0.17 [0.006]
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW-43	MW43	MW45	MW45	MW45	MW47	MW47
				Sample ID	10FWAMW43-GWS	10FWAMW43-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW47-GWS	10FWAMW47-GWS
				Lab Sample ID	580-20559-5	580-20601-12	580-20605-3	580-20605-3	580-20639-13	580-20475-1	580-20475-1
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/22/2010	7/22/2010	7/22/2010	7/26/2010	7/15/2010	7/15/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	-	-	ND [0.002]	-	-	0.00018 [0.002] J
SW6020	Chromium	7440-47-3	mg/L	0.1	0.0025 [0.002]	-	-	0.001 [0.002] J	-	-	0.00042 [0.002] J
SW6020	Cobalt	7440-48-4	mg/L		0.00086 [0.002] J	-	-	0.00051 [0.002] J	-	-	0.00068 [0.002] J
SW6020	Copper	7440-50-8	mg/L	1	0.0024 [0.005] J	-	-	0.0012 [0.005] J	-	-	0.0016 [0.005] J
SW6020	Iron	7439-89-6	mg/L		5.6 [0.2]	-	-	15 [0.2]	-	-	0.088 [0.2] J
SW6020	Lead	7439-92-1	mg/L	0.015	0.00022 [0.002] J	-	-	0.0013 [0.002] J	-	-	ND [0.002]
SW6020	Manganese	7439-96-5	mg/L		1.1 [0.002]	-	-	0.72 [0.002]	-	-	0.7 [0.002]
SW6020	Nickel	7440-02-0	mg/L	0.1	0.0033 [0.002]	-	-	0.0036 [0.002]	-	-	0.0038 [0.002]
SW6020	Selenium	7782-49-2	mg/L	0.05	0.0011 [0.002] J	-	-	0.0017 [0.002] J,B	-	-	0.0012 [0.002] J
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]
SW6020	Thallium	7440-28-0	mg/L	0.002	0.00066 [0.004] J, B	-	-	0.00044 [0.004] B	-	-	0.0004 [0.004] J, B
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.0013 [0.002] J	-	-	ND [0.002]	-	-	0.002 [0.002]
SW6020	Zinc	7440-66-6	mg/L	5	0.0079 [0.007]	-	-	ND [0.007]	-	-	ND [0.007]
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000095]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000095]
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000095]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000095]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000048]	-	-	ND [0.000049]	-	-	ND [0.000048]
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000095]
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000095]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000095]
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000095]
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000096]	-	-	ND [0.000097]	-	-	ND [0.000095]
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00096]	-	-	ND [0.00097]	-	-	ND [0.00095]
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	ND [0.00048]
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	ND [0.00048]
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	ND [0.00048]
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	ND [0.00048]

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				Loc ID	MW-43	MW43	MW45	MW45	MW45	MW47	MW47
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				Lab Sample ID	580-20559-5	580-20601-12	580-20605-3	580-20605-3	580-20639-13	580-20475-1	580-20475-1
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/22/2010	7/22/2010	7/22/2010	7/26/2010	7/15/2010	7/15/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**							
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	ND [0.00048]
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	ND [0.00048]
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	ND [0.00048]
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	Dalapon	75-99-0	mg/L		ND [0.00039]	-	-	ND [0.00039]	-	-	ND [0.0004]
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.00025]
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	-	-	ND [0.002]	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	-	-	ND [0.01]	-	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Acetone	67-64-1	mg/L	33	-	ND [0.005]	-	-	0.0099 [0.005] B	-	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW-43	MW43	MW45	MW45	MW45	MW47	MW47
				Sample ID	10FWAMW43-GWS	10FWAMW43-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW47-GWS	10FWAMW47-GWS
				Lab Sample ID	580-20559-5	580-20601-12	580-20605-3	580-20605-3	580-20639-13	580-20475-1	580-20475-1
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/22/2010	7/22/2010	7/22/2010	7/26/2010	7/15/2010	7/15/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**							
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	0.0006 [0.001] J	-	-	ND [0.001]	-	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Toluene	108-88-3	mg/L	1	-	ND [0.001]	-	-	0.00029 [0.001] J, B	-	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	0.00034 [0.001] J	-	-	ND [0.001]	-	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	0.002 [0.001]	-	-	ND [0.001]	-	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	ND [0.002]	-	-	ND [0.002]	-	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	-	-	ND [0.0004]	-	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	0.00026 [0.0007] J,JL+,JC+	-	-	0.00015 [0.0007] J,JL+	-	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	0.000021 [0.0005] J	-	-	ND [0.0005]	-	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	0.0015 [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	0.000053 [0.0002] J	-	-	ND [0.0002]	-	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	0.000013 [0.00019] J	-	-	ND [0.00019]	-	-	0.000013 [0.00019] J

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW-43	MW43	MW45	MW45	MW45	MW47	MW47
				Sample ID	10FWAMW43-GWS	10FWAMW43-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW47-GWS	10FWAMW47-GWS
				Lab Sample ID	580-20559-5	580-20601-12	580-20605-3	580-20605-3	580-20639-13	580-20475-1	580-20475-1
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/22/2010	7/22/2010	7/22/2010	7/26/2010	7/15/2010	7/15/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**							
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00048]	-	-	ND [0.00048]	-	-	ND [0.00048]
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0024]	-	-	ND [0.0024]	-	-	ND [0.0024]
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.0019]	-	-	ND [0.0019]	-	-	ND [0.0019]
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000095]	-	-	ND [0.000096]	-	-	ND [0.000096]
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00095] JM-	-	-	ND [0.00096]	-	-	ND [0.00096]
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	ND [0.00038]	-	-	ND [0.00038]	-	-	ND [0.00038]
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00095]	-	-	ND [0.00096]	-	-	ND [0.00096]
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.000048]	-	-	ND [0.000048]	-	-	ND [0.000048]
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000038]	-	-	ND [0.000038]	-	-	ND [0.000038]
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00048]	-	-	ND [0.00048]	-	-	ND [0.00048]
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000038]	-	-	ND [0.000038]	-	-	ND [0.000038]
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]
SW8270	Benzoic acid	65-85-0	mg/L	150	0.00055 [0.00095] J	-	-	0.0007 [0.00096] J	-	-	0.00055 [0.00096] J
SW8270	Benzyl alcohol	100-51-6	mg/L		0.000055 [0.00019] J	-	-	0.000037 [0.00019] J, B	-	-	0.00004 [0.00019] J
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	ND [0.00029]	-	-	0.00015 [0.00029] J, B	-	-	0.00031 [0.00029] B,JL+
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0014]	-	-	ND [0.0014]	-	-	0.00094 [0.0014] J
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000052 [0.00019] J, B	-	-	0.000037 [0.00019] J, B	-	-	0.00014 [0.00019] J,B
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	0.0000099 [0.00019] J	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.000071 [0.00019] J, B	-	-	0.00007 [0.00019] J, B	-	-	0.0002 [0.00019] B,JL+
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000024]	-	-	ND [0.000024]	-	-	ND [0.000024]
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]

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				Loc ID	MW-43	MW43	MW45	MW45	MW45	MW47	MW47
				Sample ID	10FWAMW43-GWS	10FWAMW43-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW45-GWS	10FWAMW47-GWS	10FWAMW47-GWS
				Lab Sample ID	580-20559-5	580-20601-12	580-20605-3	580-20605-3	580-20639-13	580-20475-1	580-20475-1
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/22/2010	7/22/2010	7/22/2010	7/26/2010	7/15/2010	7/15/2010
				Lab	TATW	TATW	TADC	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**							
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00095]	-	-	ND [0.00096]	-	-	ND [0.00096]
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00033] JL-	-	-	ND [0.00034] JL-	-	-	ND [0.00034]
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000038]	-	-	0.0000065 [0.000038] J	-	-	ND [0.000038]
SW8270	Phenol	108-95-2	mg/L	11	0.000022 [0.00029] J	-	-	ND [0.00029]	-	-	ND [0.00029]
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.000095]	-	-	ND [0.0004]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.00095]	-	-	ND [0.0004]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.000095]	-	-	ND [0.0001]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.000095]	-	-	ND [0.0001]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW47	MW48	MW48	MW48	MW53	MW53	MW56	MW56
				Sample ID	10FWAMW47-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW53-GWS	10FWAMW53-GWS	10FWAMW56-GWS	10FWAMW56-GWS
				Lab Sample ID	580-20482-7	580-20475-2	580-20475-2	580-20482-6	580-20484-1	580-20484-1	580-20482-4	580-20482-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/15/2010	7/15/2010	7/16/2010	7/18/2010	7/18/2010	7/16/2010	7/16/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	ND [0.000012]	-	-	ND [0.000013]	-	ND [0.000013]
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Anthracene	120-12-7	mg/L	11	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	0.0000031 [0.0000097] J
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	-	0.000002 [0.0000096] J	-	-	ND [0.0000098]	-	0.0000031 [0.0000097] J, B
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	-	0.000005 [0.0000096] J	-	-	0.0000018 [0.0000098] J	-	0.0000023 [0.0000097] J
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	0.000002 [0.0000097] J
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	-	0.0000016 [0.0000096] J, B	-	-	0.0000013 [0.0000098] J	-	0.0000019 [0.0000097] J
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-	ND [0.0000097]
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	-	-	ND [0.05]	-	ND [0.05]	-	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	-	0.11 [0.097]	-	-	0.13 [0.097]	-	0.31 [0.097]
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	-	0.12 [0.097]	-	-	0.15 [0.097]	-	0.15 [0.097]
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	ND [1]	-	-	ND [1]	-	ND [1]
SW6010B	Boron	7440-42-8	mg/L		-	-	ND [2.5]	-	-	ND [2.5]	-	ND [2.5]
SW6010B	Calcium	7440-70-2	mg/L		-	-	84 [1.1]	-	-	86 [1.1]	-	99 [1.1]
SW6010B	Magnesium	7439-95-4	mg/L		-	-	21 [1.1]	-	-	20 [1.1]	-	22 [1.1]
SW6010B	Potassium	7440-09-7	mg/L		-	-	5.5 [3.3]	-	-	4 [3.3]	-	5.5 [3.3]
SW6010B	Sodium	7440-23-5	mg/L		-	-	9.4 [2]	-	-	4.6 [2]	-	5.1 [2]
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	0.0053 [0.002]	-	-	0.00094 [0.002] J	-	0.017 [0.002]
SW6020	Barium	7440-39-3	mg/L	2	-	-	0.33 [0.006]	-	-	0.13 [0.006]	-	0.19 [0.006]
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW47	MW48	MW48	MW48	MW53	MW53	MW56	MW56
				Sample ID	10FWAMW47-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW53-GWS	10FWAMW53-GWS	10FWAMW56-GWS	10FWAMW56-GWS
				Lab Sample ID	580-20482-7	580-20475-2	580-20475-2	580-20482-6	580-20484-1	580-20484-1	580-20482-4	580-20482-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/15/2010	7/15/2010	7/16/2010	7/18/2010	7/18/2010	7/16/2010	7/16/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	0.00046 [0.002] J	-	-	ND [0.002]	-	0.00083 [0.002] J
SW6020	Cobalt	7440-48-4	mg/L		-	-	0.0013 [0.002] J	-	-	0.00096 [0.002] J	-	0.00066 [0.002] J
SW6020	Copper	7440-50-8	mg/L	1	-	-	0.0014 [0.005] J	-	-	0.0019 [0.005] J	-	0.00034 [0.005] J
SW6020	Iron	7439-89-6	mg/L		-	-	5.2 [0.2]	-	-	0.66 [0.2]	-	17 [0.2]
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Manganese	7439-96-5	mg/L		-	-	0.47 [0.002]	-	-	0.55 [0.002]	-	1.5 [0.002]
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	0.003 [0.002]	-	-	0.0038 [0.002]	-	0.0041 [0.002]
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	0.0015 [0.002] J	-	-	0.00051 [0.002] J	-	ND [0.002]
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	0.00039 [0.004] J, B	-	-	0.00041 [0.004] J, B	-	0.00022 [0.004] J, B
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	0.0021 [0.002]	-	-	0.0015 [0.002] J	-	0.0014 [0.002] J
SW6020	Zinc	7440-66-6	mg/L	5	-	-	ND [0.007]	-	-	0.0035 [0.007] J	-	ND [0.007]
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000095]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000095]
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000095]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	delta-BHC	319-86-8	mg/L		-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000095]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	ND [0.000048]	-	-	ND [0.000049]	-	ND [0.000048]
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000095]
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000095]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000095]
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	ND [0.0000095]	-	-	ND [0.0000098]	-	ND [0.0000095]
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	ND [0.000095]	-	-	ND [0.000098]	-	ND [0.000095]
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	ND [0.00095]	-	-	ND [0.00098]	-	ND [0.00095]
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	ND [0.00048]	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	ND [0.00048]	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	ND [0.00048]	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	ND [0.00048]	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW47	MW48	MW48	MW48	MW53	MW53	MW56	MW56
				Sample ID	10FWAMW47-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW53-GWS	10FWAMW53-GWS	10FWAMW56-GWS	10FWAMW56-GWS
				Lab Sample ID	580-20482-7	580-20475-2	580-20475-2	580-20482-6	580-20484-1	580-20484-1	580-20482-4	580-20482-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/15/2010	7/15/2010	7/16/2010	7/18/2010	7/18/2010	7/16/2010	7/16/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	ND [0.00048]	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	ND [0.00048]	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	ND [0.00048]	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]
SW8151A	2,4-DB	94-82-6	mg/L		-	-	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]
SW8151A	Dalapon	75-99-0	mg/L		-	-	ND [0.0004]	-	-	ND [0.0004]	-	ND [0.00038]
SW8151A	Dicamba	1918-00-9	mg/L		-	-	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]
SW8151A	Dinoseb	88-85-7	mg/L		-	-	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	0.000087 [0.001] J
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.00013 [0.001] J	-	-	0.0002 [0.001] J	-	0.0004 [0.001] J	-	0.0024 [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	0.00043 [0.001] J	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	0.00035 [0.001] J	-	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	0.00012 [0.001] J
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	-	ND [0.001]	-	0.00015 [0.001] J	-	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	-	ND [0.001]	-	0.000096 [0.001] J	-	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	0.00028 [0.001] J	-	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW47	MW48	MW48	MW48	MW53	MW53	MW56	MW56
				Sample ID	10FWAMW47-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW53-GWS	10FWAMW53-GWS	10FWAMW56-GWS	10FWAMW56-GWS
				Lab Sample ID	580-20482-7	580-20475-2	580-20475-2	580-20482-6	580-20484-1	580-20484-1	580-20482-4	580-20482-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/15/2010	7/15/2010	7/16/2010	7/18/2010	7/18/2010	7/16/2010	7/16/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	0.000067 [0.001] J
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	0.00083 [0.001] J	-	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	0.00031 [0.001] J, B	-	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	-	ND [0.001]	-	0.00025 [0.001] J	-	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	0.00017 [0.001] J, B	-	0.00022 [0.001] J, B
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	0.00043 [0.001] J
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	0.000099 [0.001] J	-	0.00087 [0.001] J
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	-	ND [0.0004]	-	ND [0.0004]	-	0.000079 [0.0004] J
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.00011 [0.0007] J	-	-	0.00023 [0.0007] J	-	0.00036 [0.0007] J	-	0.0019 [0.0007]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.000041 [0.0005] J	-	-	ND [0.0005]	-	0.000019 [0.0005] J, B	-	0.0001 [0.0005] J
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]	-	0.000011 [0.0005] J
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]	-	0.00006 [0.0005] J
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	0.000053 [0.0005] J	-	0.00085 [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	ND [0.00019]	-	-	0.00002 [0.0002] J	-	ND [0.00019]
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.00029]
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	0.000019 [0.00019] J	-	-	0.000036 [0.0002] J	-	ND [0.00019]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW47	MW48	MW48	MW48	MW53	MW53	MW56	MW56
				Sample ID	10FWAMW47-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW53-GWS	10FWAMW53-GWS	10FWAMW56-GWS	10FWAMW56-GWS
				Lab Sample ID	580-20482-7	580-20475-2	580-20475-2	580-20482-6	580-20484-1	580-20484-1	580-20482-4	580-20482-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/15/2010	7/15/2010	7/16/2010	7/18/2010	7/18/2010	7/16/2010	7/16/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	ND [0.00048]	-	-	ND [0.00049]	-	ND [0.00049]
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	ND [0.0024]	-	-	ND [0.0025]	-	ND [0.0024]
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	ND [0.0019]	-	-	ND [0.002]	-	ND [0.0019]
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	ND [0.000096]	-	-	ND [0.000098]	-	ND [0.000097]
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	ND [0.00096]	-	-	ND [0.00098]	-	ND [0.00097]
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	-	ND [0.00038]	-	-	ND [0.00039]	-	0.000012 [0.00039] J
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.00029]
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	ND [0.00096]	-	-	ND [0.00098]	-	ND [0.00097]
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	ND [0.000048]	-	-	ND [0.000049]	-	ND [0.000049]
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	ND [0.000038]	-	-	ND [0.000039]	-	ND [0.000039]
SW8270	Anthracene	120-12-7	mg/L	11	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8270	Azobenzene	103-33-3	mg/L		-	-	ND [0.00048]	-	-	ND [0.00049]	-	ND [0.00049]
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	ND [0.000038]	-	-	ND [0.000039]	-	ND [0.000039]
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	0.00045 [0.00096] J	-	-	0.00069 [0.00098] J	-	0.00069 [0.00097] J
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	0.000045 [0.00019] J	-	-	0.000033 [0.0002] J	-	0.000026 [0.00019] J
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	ND [0.00029]	-	-	0.00014 [0.00029] J, B	-	0.00013 [0.00029] J, B
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	0.0017 [0.0014]	-	-	ND [0.0015]	-	ND [0.0015]
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	ND [0.000019]	-	-	ND [0.00002]	-	ND [0.000019]
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	0.00003 [0.00019] J,B	-	-	0.00003 [0.0002] J, B	-	0.000036 [0.00019] J, B
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	0.000059 [0.00019] J,B,JL+	-	-	0.000069 [0.0002] J,B	-	0.000062 [0.00019] J,B
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	ND [0.000024]	-	-	ND [0.000025]	-	ND [0.000024]
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW47	MW48	MW48	MW48	MW53	MW53	MW56	MW56
				Sample ID	10FWAMW47-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW48-GWS	10FWAMW53-GWS	10FWAMW53-GWS	10FWAMW56-GWS	10FWAMW56-GWS
				Lab Sample ID	580-20482-7	580-20475-2	580-20475-2	580-20482-6	580-20484-1	580-20484-1	580-20482-4	580-20482-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/15/2010	7/15/2010	7/16/2010	7/18/2010	7/18/2010	7/16/2010	7/16/2010
				Lab	TATW	TADC	TATW	TATW	TADC	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**								
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.00029]
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.00029]
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	ND [0.00096]	-	-	ND [0.00098]	-	ND [0.00097]
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	ND [0.00019]	-	-	ND [0.0002]	-	ND [0.00019]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	ND [0.00034]	-	-	ND [0.00034]	-	ND [0.00034]
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	ND [0.000038]	-	-	ND [0.000039]	-	ND [0.000039]
SW8270	Phenol	108-95-2	mg/L	11	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.00029]
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.00038]	-	-	ND [0.00041]	-	ND [0.00041]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.00038]	-	-	ND [0.00041]	-	ND [0.00041]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.000095]	-	-	ND [0.0001]	-	ND [0.0001]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

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				Loc ID	MW-57	MW-57	MW57	MW58	MW-58	MW-58	MW58	MW61
				Sample ID	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW61-GWS
				Lab Sample ID	580-20559-8	580-20559-8	580-20601-15	580-20526-9	580-20559-1	580-20559-1	580-20601-8	580-20482-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010	7/22/2010	7/16/2010
				Lab	TADC	TATW	TATW	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000012]	-	0.000056 [0.00012] J	-	-	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.0000095]	-	0.000079 [0.000094] J	-	-	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000095]	-	ND [0.000094]	-	-	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	ND [0.0000095]	-	ND [0.000094]	-	-	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	0.0000027 [0.0000095] J	-	ND [0.000094]	-	-	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.00019]	-	-	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	0.0000027 [0.0000095] J	-	ND [0.000094]	-	-	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.0000095]	-	ND [0.000094]	-	-	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	0.0000032 [0.0000095] J	-	ND [0.000094]	-	-	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	0.0000049 [0.0000095] J	-	0.000021 [0.000094] J, B	-	-	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000095]	-	ND [0.000094]	-	-	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.0000095]	-	ND [0.000094]	-	-	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	ND [0.0000095]	-	0.000067 [0.000094] J	-	-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	0.0000024 [0.0000095] J	-	ND [0.000094]	-	-	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0000095]	-	0.000043 [0.000094] J	-	-	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	0.0000081 [0.0000095] J	-	0.00027 [0.000094] JL-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	0.0000011 [0.0000095] J	-	ND [0.000094]	-	-	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	ND [0.0000095]	-	ND [0.000094]	-	-	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	-	0.017 [0.05] J, B	-	-	-	0.025 [0.05] J, B	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	0.074 [0.096] J	-	-	-	3.3 [0.096]	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.18 [0.096]	-	-	-	0.61 [0.096]	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	ND [1]	-	ND [1]	-	-	-	-
SW6010B	Boron	7440-42-8	mg/L		-	ND [2.5]	-	ND [2.5]	-	-	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	89 [1.1]	-	75 [1.1]	-	-	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	22 [1.1]	-	17 [1.1]	-	-	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	4.4 [3.3]	-	4.4 [3.3]	-	-	-	-
SW6010B	Sodium	7440-23-5	mg/L		-	3.9 [2]	-	4.3 [2]	-	-	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	0.00091 [0.002] J	-	ND [0.002]	-	-	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	ND [0.002]	-	0.011 [0.002]	-	-	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	0.069 [0.006]	-	0.26 [0.006]	-	-	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	ND [0.002]	-	ND [0.002]	-	-	-	-

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				Loc ID	MW-57	MW-57	MW57	MW58	MW-58	MW-58	MW58	MW61
				Sample ID	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW61-GWS
				Lab Sample ID	580-20559-8	580-20559-8	580-20601-15	580-20526-9	580-20559-1	580-20559-1	580-20601-8	580-20482-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010	7/22/2010	7/16/2010
				Lab	TADC	TATW	TATW	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	ND [0.002]	-	ND [0.002]	-	-	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	0.0027 [0.002]	-	0.00039 [0.002] J	-	-	-	-
SW6020	Cobalt	7440-48-4	mg/L		-	0.002 [0.002]	-	0.00082 [0.002] J	-	-	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	0.0025 [0.005] J	-	0.00022 [0.005] J	-	-	-	-
SW6020	Iron	7439-89-6	mg/L		-	5.7 [0.2]	-	15 [0.2]	-	-	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	ND [0.002]	-	ND [0.002]	-	-	-	-
SW6020	Manganese	7439-96-5	mg/L		-	0.52 [0.002]	-	1.1 [0.002]	-	-	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	0.008 [0.002]	-	0.0029 [0.002]	-	-	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	0.0019 [0.002] J	-	ND [0.002]	-	-	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	ND [0.002]	-	ND [0.002]	-	-	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	0.00039 [0.004] J, B	-	0.00038 [0.004] J, B	-	-	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	ND [0.002]	-	0.0013 [0.002] J	-	-	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	0.0063 [0.007] J	-	0.0048 [0.007] J	-	-	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	ND [0.0002]	-	ND [0.0002]	-	-	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	ND [0.0000095]	-	ND [0.0000095]	-	-	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000095]	-	ND [0.0000095]	-	-	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	ND [0.0000095]	-	ND [0.0000095]	-	-	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	ND [0.0000095]	-	ND [0.0000095]	-	-	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	ND [0.000048]	-	ND [0.000048]	-	-	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000095]	-	ND [0.0000095]	-	-	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	ND [0.0000095]	-	ND [0.0000095]	-	-	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	ND [0.0000095]	-	ND [0.0000095]	-	-	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	ND [0.0000095]	-	ND [0.0000095]	-	-	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	ND [0.000095]	-	ND [0.000095]	-	-	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	ND [0.00095]	-	ND [0.00095]	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-

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				Loc ID	MW-57	MW-57	MW57	MW58	MW-58	MW-58	MW58	MW61
				Sample ID	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW61-GWS
				Lab Sample ID	580-20559-8	580-20559-8	580-20601-15	580-20526-9	580-20559-1	580-20559-1	580-20601-8	580-20482-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010	7/22/2010	7/16/2010
				Lab	TADC	TATW	TATW	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	ND [0.00025]	-	ND [0.00025]	-	-	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	ND [0.00025]	-	ND [0.00025]	-	-	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	-	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	-	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	ND [0.0004]	-	ND [0.00039]	-	-	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	-	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	-	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	-	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	ND [0.001]	-	-	-	0.00043 [0.001] J	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	-	ND [0.002]	-	-	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	-	ND [0.01]	-	-	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	-	ND [0.005]	-	-	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	-	ND [0.005]	-	-	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	-	-	ND [0.005]	-	-	-	ND [0.005]	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	-	ND [0.001]	-	-	-	0.00006 [0.001] J	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	-	ND [0.005]	-	-	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	-	ND [0.001]	-	-	-	0.00031 [0.001] J	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	-	ND [0.001]	-	-	-	ND [0.001]	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW-57	MW-57	MW57	MW58	MW-58	MW-58	MW58	MW61
				Sample ID	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW61-GWS
				Lab Sample ID	580-20559-8	580-20559-8	580-20601-15	580-20526-9	580-20559-1	580-20559-1	580-20601-8	580-20482-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010	7/22/2010	7/16/2010
				Lab	TADC	TATW	TATW	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	-	ND [0.005]	-	-	-	ND [0.005]	-
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	-	ND [0.005]	-	-	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	-	ND [0.001]	-	-	-	0.00013 [0.001] J	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	-	ND [0.001]	-	-	-	0.00078 [0.001] J	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	-	ND [0.001]	-	-	-	0.00045 [0.001] J	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Toluene	108-88-3	mg/L	1	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	-	ND [0.001]	-	-	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	-	ND [0.002]	-	-	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	-	ND [0.0004]	-	-	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	-	0.000037 [0.0007] J,JL+,JC+	-	-	-	0.0002 [0.0007] J,JL+,JC+	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	ND [0.0001]	-	-	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	-	0.000086 [0.0005] J	-	-	-	0.000041 [0.0005] J	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	-	ND [0.0005]	-	-	-	0.000025 [0.0005] J	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	-	ND [0.0005]	-	-	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	-	ND [0.0005]	-	-	-	ND [0.0005]	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	0.000023 [0.0005] J	-	-	-	0.000018 [0.0005] J	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	-	ND [0.0002]	-	-	-	0.000025 [0.0002] J	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	ND [0.00029]	-	ND [0.00028]	-	-	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW-57	MW-57	MW57	MW58	MW-58	MW-58	MW58	MW61
				Sample ID	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW61-GWS
				Lab Sample ID	580-20559-8	580-20559-8	580-20601-15	580-20526-9	580-20559-1	580-20559-1	580-20601-8	580-20482-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010	7/22/2010	7/16/2010
				Lab	TADC	TATW	TATW	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	ND [0.00048]	-	ND [0.00047]	-	-	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	ND [0.0024]	-	ND [0.0024]	-	-	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	ND [0.000029]	-	ND [0.000028]	-	-	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	ND [0.0019]	-	ND [0.0019]	-	-	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000095]	-	ND [0.000094]	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	ND [0.00095]	-	ND [0.00094]	-	-	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	ND [0.00038]	-	ND [0.00038]	-	-	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	ND [0.00029]	-	ND [0.00028]	-	-	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00095]	-	ND [0.00094]	-	-	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.000048]	-	ND [0.000047]	-	-	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.000038]	-	ND [0.000038]	-	-	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	ND [0.00048]	-	ND [0.00047]	-	-	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.000029]	-	ND [0.000028]	-	-	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.000038]	-	ND [0.000038]	-	-	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.000029]	-	ND [0.000028]	-	-	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.000029]	-	ND [0.000028]	-	-	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	0.00055 [0.00095] J	-	ND [0.00094]	-	-	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	0.000021 [0.00019] J	-	ND [0.00019]	-	-	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	0.000095 [0.00029] J, B	-	0.00017 [0.00028] J, B	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	ND [0.0014]	-	0.0048 [0.0028]	-	-	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	ND [0.000019]	-	ND [0.000019]	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.000029]	-	ND [0.000028]	-	-	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	0.000036 [0.00019] J, B	-	ND [0.00019]	-	-	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	0.00005 [0.00019] J, B	-	0.00015 [0.00019] J,B	-	-	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.000024]	-	ND [0.000024]	-	-	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	ND [0.000029]	-	ND [0.000028]	-	-	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW-57	MW-57	MW57	MW58	MW-58	MW-58	MW58	MW61
				Sample ID	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW57-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW58-GWS	10FWAMW61-GWS
				Lab Sample ID	580-20559-8	580-20559-8	580-20601-15	580-20526-9	580-20559-1	580-20559-1	580-20601-8	580-20482-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/21/2010	7/21/2010	7/22/2010	7/20/2010	7/21/2010	7/21/2010	7/22/2010	7/16/2010
				Lab	TADC	TATW	TATW	TATW	TADC	TATW	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.00029]	-	ND [0.00028]	-	-	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	ND [0.00029]	-	ND [0.00028]	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.000029]	-	ND [0.000028]	-	-	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.00019]	-	0.000041 [0.00019] J	-	-	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	ND [0.00095]	-	ND [0.00094]	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	ND [0.00019]	-	ND [0.00019]	-	-	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.00033] JL-	-	ND [0.00033] JL-	-	-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	ND [0.000038]	-	ND [0.000038]	-	-	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	0.000034 [0.00029] J	-	0.000035 [0.00028] J	-	-	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	ND [0.000029]	-	ND [0.000028]	-	-	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	ND [0.0005]	-	-	-	ND [0.0019]	-	-	ND [0.00039]
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	ND [0.0005]	-	-	-	ND [0.0019]	-	-	ND [0.00039]
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	ND [0.000099]	-	-	-	ND [0.000096]	-	-	ND [0.000098]

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW61	MW62	MW62	MW64	MW64	MW64	MW64	MW69
				Sample ID	10FWAMW61-GWS	10FWAMW62-GWS	10FWAMW62-GWS	10FWAMW64-GWBS	10FWAMW64-GWBS	10FWAMW64-GWS	10FWAMW64-GWS	10FWAMW69-GWS
				Lab Sample ID	580-20482-3	580-20484-6	580-20484-6	580-20484-3	580-20484-3	580-20484-2	580-20484-2	580-20482-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/16/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
				QA/QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000012]	-	0.0000076 [0.000013] J	-	0.0000033 [0.000013] J	-	ND [0.000012]	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000096]	-	0.0000014 [0.0000097] J	-	ND [0.0000097]	-	0.000001 [0.0000096] J	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000096]	-	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000096]	-
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000096]	-	ND [0.0000097]	-	0.0000018 [0.0000097] J	-	0.0000023 [0.0000096] J	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000096]	-	ND [0.0000097]	-	0.0000037 [0.0000097] J	-	0.0000047 [0.0000096] J	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	0.0000032 [0.000019] J	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000096]	-	ND [0.0000097]	-	ND [0.0000097]	-	0.000008 [0.0000096] J	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000096]	-	ND [0.0000097]	-	ND [0.0000097]	-	0.0000062 [0.0000096] J	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000096]	-	ND [0.0000097]	-	ND [0.0000097]	-	0.0000042 [0.0000096] J	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000096]	-	ND [0.0000097]	-	0.0000061 [0.0000097] J, B	-	0.0000087 [0.0000096] J, B	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000096]	-	ND [0.0000097]	-	ND [0.0000097]	-	0.0000043 [0.0000096] J	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000096]	-	ND [0.0000097]	-	0.0000019 [0.0000097] J	-	ND [0.0000096]	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000096]	-	ND [0.0000097]	-	0.000004 [0.0000097] J	-	ND [0.0000096]	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000096]	-	ND [0.0000097]	-	0.0000021 [0.0000097] J	-	0.0000059 [0.0000096] J	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000096]	-	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000096]	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000021 [0.0000096] J	-	0.0000018 [0.0000097] J	-	0.0000022 [0.0000097] J	-	0.0000014 [0.0000096] J	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000096]	-	ND [0.0000097]	-	ND [0.0000097]	-	ND [0.0000096]	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	0.019 [0.05] J	-	ND [0.05]	-	0.019 [0.05] J	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.2 [0.097]	-	0.38 [0.097]	-	0.36 [0.098]	-	0.39 [0.097] JM-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.19 [0.097]	-	0.29 [0.097]	-	0.25 [0.098]	-	0.27 [0.097]	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	ND [1]	-	ND [1]	-	ND [1]	-
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-
SW6010B	Calcium	7440-70-2	mg/L		95 [1.1]	-	95 [1.1]	-	100 [1.1]	-	100 [1.1]	-
SW6010B	Magnesium	7439-95-4	mg/L		24 [1.1]	-	21 [1.1]	-	23 [1.1]	-	23 [1.1]	-
SW6010B	Potassium	7440-09-7	mg/L		5.2 [3.3]	-	5.3 [3.3]	-	5.5 [3.3]	-	5.6 [3.3]	-
SW6010B	Sodium	7440-23-5	mg/L		5 [2]	-	4.8 [2]	-	6.1 [2]	-	6.2 [2]	-
SW6020	Antimony	7440-36-0	mg/L	0.006	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.015 [0.002]	-	0.0018 [0.002] J	-	0.02 [0.002]	-	0.019 [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	0.19 [0.006]	-	0.16 [0.006]	-	0.27 [0.006]	-	0.29 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW61	MW62	MW62	MW64	MW64	MW64	MW64	MW69
				Sample ID	10FWAMW61-GWS	10FWAMW62-GWS	10FWAMW62-GWS	10FWAMW64-GWBS	10FWAMW64-GWBS	10FWAMW64-GWS	10FWAMW64-GWS	10FWAMW69-GWS
				Lab Sample ID	580-20482-3	580-20484-6	580-20484-6	580-20484-3	580-20484-3	580-20484-2	580-20484-2	580-20482-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/16/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
				QA/QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**								
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	0.00075 [0.002] J	-	ND [0.002]	-	ND [0.002]	-	0.00045 [0.002] J	-
SW6020	Cobalt	7440-48-4	mg/L		0.00041 [0.002] J	-	0.0019 [0.002] J	-	0.00025 [0.002] J	-	0.00021 [0.002] J	-
SW6020	Copper	7440-50-8	mg/L	1	0.0007 [0.005] J	-	0.00061 [0.005] J	-	0.00015 [0.005] J	-	ND [0.005]	-
SW6020	Iron	7439-89-6	mg/L		12 [0.2]	-	7.8 [0.2]	-	16 [0.2]	-	17 [0.2]	-
SW6020	Lead	7439-92-1	mg/L	0.015	0.00024 [0.002] J	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Manganese	7439-96-5	mg/L		1.8 [0.002]	-	1.3 [0.002]	-	1.4 [0.002]	-	1.5 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1	0.0034 [0.002]	-	0.0037 [0.002]	-	0.00049 [0.002] J	-	0.0018 [0.002] J	-
SW6020	Selenium	7782-49-2	mg/L	0.05	ND [0.002]	-	ND [0.002]	-	0.00077 [0.002] J	-	0.00069 [0.002] J	-
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002	0.00029 [0.004] J, B	-	0.00049 [0.004] J, B	-	0.0012 [0.004] J, B	-	0.00022 [0.004] J, B	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.0014 [0.002] J	-	0.0013 [0.002] J	-	0.00086 [0.002] J	-	0.00088 [0.002] J	-
SW6020	Zinc	7440-66-6	mg/L	5	0.0036 [0.007] J	-	ND [0.007]	-	ND [0.007]	-	ND [0.007]	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.000019]	-	0.0000075 [0.000019] J,JC+	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000097]	-	ND [0.0000095]	-	ND [0.0000094]	-	ND [0.0000097]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000097]	-	ND [0.0000095]	-	ND [0.0000094]	-	ND [0.0000097]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000097]	-	ND [0.0000095]	-	ND [0.0000094]	-	ND [0.0000097]	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000097]	-	ND [0.0000095]	-	ND [0.0000094]	-	ND [0.0000097]	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000049]	-	ND [0.000048]	-	ND [0.000047]	-	ND [0.000049]	-
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000097]	-	ND [0.0000095]	-	ND [0.0000094]	-	ND [0.0000097]	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000097]	-	ND [0.0000095]	-	ND [0.0000094]	-	ND [0.0000097]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000097]	-	ND [0.0000095]	-	ND [0.0000094]	-	ND [0.0000097]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000097]	-	ND [0.0000095]	-	ND [0.0000094]	-	ND [0.0000097]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000097]	-	ND [0.000095]	-	ND [0.000094]	-	ND [0.000097]	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00097]	-	ND [0.00095]	-	ND [0.00094]	-	ND [0.00097]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW61	MW62	MW62	MW64	MW64	MW64	MW64	MW69
				Sample ID	10FWAMW61-GWS	10FWAMW62-GWS	10FWAMW62-GWS	10FWAMW64-GWBS	10FWAMW64-GWBS	10FWAMW64-GWS	10FWAMW64-GWS	10FWAMW69-GWS
				Lab Sample ID	580-20482-3	580-20484-6	580-20484-6	580-20484-3	580-20484-3	580-20484-2	580-20484-2	580-20482-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/16/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
				QA/QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	0.000078 [0.00025] J	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	Dalapon	75-99-0	mg/L		ND [0.0004]	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.0004]	-
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00025]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	0.0017 [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	0.0002 [0.001] J	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.00091 [0.001] J	-	0.00039 [0.001] J	-	0.00013 [0.001] J	-	0.00014 [0.001] J	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	ND [0.001]	-	0.00035 [0.001] J	-	0.00035 [0.001] J	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.000094 [0.001] J	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	ND [0.001]	-	0.00023 [0.001] J	-	0.00024 [0.001] J	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.000095 [0.001] J	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW61	MW62	MW62	MW64	MW64	MW64	MW64	MW69
				Sample ID	10FWAMW61-GWS	10FWAMW62-GWS	10FWAMW62-GWS	10FWAMW64-GWBS	10FWAMW64-GWBS	10FWAMW64-GWS	10FWAMW64-GWS	10FWAMW69-GWS
				Lab Sample ID	580-20482-3	580-20484-6	580-20484-6	580-20484-3	580-20484-3	580-20484-2	580-20484-2	580-20482-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/16/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
				QA/QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.0066 [0.001]	-	0.00053 [0.001] J	-	0.00064 [0.001] J	-	0.00062 [0.001] J	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00023 [0.001] J, B	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00028 [0.001] J, B	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00025 [0.001] J	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.0002 [0.001] J	-
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.0002 [0.001] J, B	-	0.00016 [0.001] J, B	-	0.00016 [0.001] J, B	-	0.00016 [0.001] J, B	-
SW8260B	Toluene	108-88-3	mg/L	1	0.00034 [0.001] J	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	0.0076 [0.001]	-	0.00031 [0.001] J	-	0.00037 [0.001] J	-	0.00035 [0.001] J	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.0055 [0.001]	-	0.00094 [0.001] J	-	0.0012 [0.001]	-	0.0012 [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	0.0019 [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.00088 [0.0007]	-	0.0004 [0.0007] J	-	0.00014 [0.0007] J	-	0.0001 [0.0007] J	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.0001 [0.0005] J	-	0.000031 [0.0005] J, B	-	0.000076 [0.0005] J, B	-	0.000057 [0.0005] J, B	-
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	0.000016 [0.0005] J	-	0.00002 [0.0005] J	-	0.000018 [0.0005] J	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000047 [0.0005] J	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.0056 [0.0005]	-	0.00085 [0.0005]	-	0.0011 [0.0005]	-	0.001 [0.0005]	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	0.00034 [0.0002]	-	ND [0.0002]	-	0.00012 [0.0002] J	-	0.000089 [0.0002] J	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	0.000029 [0.00019] J	-	0.000028 [0.00019] J	-	0.000014 [0.00019] J	-	0.000023 [0.00019] J	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW61	MW62	MW62	MW64	MW64	MW64	MW64	MW69
				Sample ID	10FWAMW61-GWS	10FWAMW62-GWS	10FWAMW62-GWS	10FWAMW64-GWBS	10FWAMW64-GWBS	10FWAMW64-GWS	10FWAMW64-GWS	10FWAMW69-GWS
				Lab Sample ID	580-20482-3	580-20484-6	580-20484-6	580-20484-3	580-20484-3	580-20484-2	580-20484-2	580-20482-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/16/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
				QA/QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00048]	-	ND [0.00049]	-	ND [0.00049]	-	ND [0.00048]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0024]	-	ND [0.0024]	-	ND [0.0024]	-	ND [0.0024]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.0019]	-	ND [0.0019]	-	ND [0.0019]	-	ND [0.0019]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000096]	-	ND [0.000097]	-	ND [0.000097]	-	ND [0.000096]	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00096]	-	ND [0.00097]	-	ND [0.00097]	-	ND [0.00096] JM-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	0.000013 [0.00038] J	-	ND [0.00039]	-	0.000012 [0.00039] J	-	ND [0.00038]	-
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00096]	-	ND [0.00097]	-	ND [0.00097]	-	ND [0.00096]	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.000048]	-	ND [0.000049]	-	ND [0.000049]	-	ND [0.000048]	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000038]	-	ND [0.000039]	-	ND [0.000039]	-	ND [0.000038]	-
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00048]	-	ND [0.00049]	-	ND [0.00049]	-	ND [0.00048]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000029]	-	ND [0.000029]	-	0.0000074 [0.000029] J	-	0.0000095 [0.000029] J	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000038]	-	ND [0.000039]	-	ND [0.000039]	-	ND [0.000038]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Benzoic acid	65-85-0	mg/L	150	0.00064 [0.00096] J	-	0.00065 [0.00097] J	-	0.00075 [0.00097] J	-	0.00066 [0.00096] J	-
SW8270	Benzyl alcohol	100-51-6	mg/L		0.000025 [0.00019] J	-	0.000034 [0.00019] J	-	0.000033 [0.00019] J	-	0.000063 [0.00019] J	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	0.0001 [0.00029] J, B	-	0.00011 [0.00029] J, B	-	0.00015 [0.00029] J, B	-	0.00011 [0.00029] J, B	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0014]	-	ND [0.0015]	-	0.00073 [0.0015] J,JC+	-	ND [0.0014]	-
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.000019]	-	ND [0.000019]	-	ND [0.000019]	-	0.00001 [0.000019] J	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000043 [0.00019] J, B	-	0.000055 [0.00019] J, B	-	0.000049 [0.00019] J, B	-	0.000039 [0.00019] J, B	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.000062 [0.00019] J,B	-	0.000062 [0.00019] J,B	-	0.000099 [0.00019] J,B	-	0.000071 [0.00019] J,B	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000024]	-	ND [0.000024]	-	ND [0.000024]	-	0.0000064 [0.000024] J	-
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW61	MW62	MW62	MW64	MW64	MW64	MW64	MW69
				Sample ID	10FWAMW61-GWS	10FWAMW62-GWS	10FWAMW62-GWS	10FWAMW64-GWBS	10FWAMW64-GWBS	10FWAMW64-GWS	10FWAMW64-GWS	10FWAMW69-GWS
				Lab Sample ID	580-20482-3	580-20484-6	580-20484-6	580-20484-3	580-20484-3	580-20484-2	580-20484-2	580-20482-2
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/18/2010	7/16/2010
				Lab	TATW	TADC	TATW	TADC	TATW	TADC	TATW	TADC
				QA/QC	Primary	Primary	Primary	Duplicate	Duplicate	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**								
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00096]	-	ND [0.00097]	-	ND [0.00097]	-	ND [0.00096]	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.00019]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00034]	-	ND [0.00034]	-	ND [0.00034]	-	ND [0.00034]	-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000038]	-	ND [0.000039]	-	ND [0.000039]	-	ND [0.000038]	-
SW8270	Phenol	108-95-2	mg/L	11	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00038]	-	ND [0.00039]
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00038]	-	ND [0.00039]
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.000099]	-	ND [0.000097]	-	ND [0.000095]	-	ND [0.000098]

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW69	MW70	MW70	MW76	MW76	MW77	MW77
				Sample ID	10FWAMW69-GWS	10FWAMW70-GWS	10FWAMW70-GWS	10FWAMW76-GWS	10FWAMW76-GWS	10FWAMW77-GWS	10FWAMW77-GWS
				Lab Sample ID	580-20482-2	580-20484-5	580-20484-5	580-20526-2	580-20601-6	580-20639-2	580-20639-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/20/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000013]	-	ND [0.000013]	ND [0.000012]	-	-	0.0002 [0.000012]
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	0.00024 [0.0000096]
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	0.000088 [0.0000096]
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	ND [0.0000096]
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	ND [0.0000096]
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	-	ND [0.00002]	ND [0.000019]	-	-	ND [0.000019]
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	ND [0.0000096]
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	ND [0.0000096]
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	ND [0.0000096]
8270SIM	Chrysene	218-01-9	mg/L	0.12	0.0000029 [0.0000098] J, B	-	0.0000022 [0.0000099] J, B	0.000002 [0.0000095] J, B	-	-	ND [0.0000096]
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	0.0000053 [0.0000096] J
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	ND [0.0000096]
8270SIM	Fluorene	86-73-7	mg/L	1.5	0.0000023 [0.0000098] J	-	ND [0.0000099]	0.0000016 [0.0000095] J	-	-	0.00034 [0.0000096]
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	0.0000049 [0.0000096] J
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	0.00035 [0.0000096]
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	0.000012 [0.0000095] JL-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000013 [0.0000098] J	-	ND [0.0000099]	0.0000021 [0.0000095] J	-	-	0.00024 [0.0000096]
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000098]	-	ND [0.0000099]	ND [0.0000095]	-	-	0.0000026 [0.0000096] J
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	-	ND [0.05]	-	0.02 [0.05] J, B	-	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.099 [0.098]	-	0.16 [0.095]	0.07 [0.098] J	-	-	1.8 [0.097]
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.11 [0.098]	-	0.16 [0.095]	0.047 [0.098] J	-	-	0.61 [0.097]
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	ND [1]	ND [1]	-	-	ND [1]
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	0.2 [2.5] J	ND [2.5]	-	-	ND [2.5]
SW6010B	Calcium	7440-70-2	mg/L		67 [1.1]	-	120 [1.1]	220 [1.1]	-	-	160 [1.1]
SW6010B	Magnesium	7439-95-4	mg/L		17 [1.1]	-	35 [1.1]	57 [1.1]	-	-	66 [1.1]
SW6010B	Potassium	7440-09-7	mg/L		4.9 [3.3]	-	6.7 [3.3]	6.9 [3.3]	-	-	9.8 [3.3]
SW6010B	Sodium	7440-23-5	mg/L		6.1 [2]	-	6.4 [2]	7.4 [2]	-	-	9.2 [2]
SW6020	Antimony	7440-36-0	mg/L	0.006	ND [0.002]	-	0.0012 [0.002] J	0.00051 [0.002] J	-	-	0.0029 [0.002] B
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.0051 [0.002]	-	0.0026 [0.002]	0.0093 [0.002]	-	-	ND [0.002]
SW6020	Barium	7440-39-3	mg/L	2	0.18 [0.006]	-	0.17 [0.006]	0.12 [0.006]	-	-	0.14 [0.006]
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	ND [0.002]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW69	MW70	MW70	MW76	MW76	MW77	MW77
				Sample ID	10FWAMW69-GWS	10FWAMW70-GWS	10FWAMW70-GWS	10FWAMW76-GWS	10FWAMW76-GWS	10FWAMW77-GWS	10FWAMW77-GWS
				Lab Sample ID	580-20482-2	580-20484-5	580-20484-5	580-20526-2	580-20601-6	580-20639-2	580-20639-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/20/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	-	0.00015 [0.002] J	ND [0.002]	-	-	ND [0.002]
SW6020	Chromium	7440-47-3	mg/L	0.1	0.00038 [0.002] J	-	0.0011 [0.002] J	ND [0.002]	-	-	0.0023 [0.002]
SW6020	Cobalt	7440-48-4	mg/L		0.00041 [0.002] J	-	0.0026 [0.002]	0.0017 [0.002] J	-	-	0.0025 [0.002]
SW6020	Copper	7440-50-8	mg/L	1	0.0012 [0.005] J	-	0.0037 [0.005] J	0.001 [0.005] J	-	-	0.0038 [0.005] J
SW6020	Iron	7439-89-6	mg/L		3.7 [0.2]	-	0.85 [0.2]	11 [0.2]	-	-	0.1 [0.2] J
SW6020	Lead	7439-92-1	mg/L	0.015	ND [0.002]	-	0.00019 [0.002] J	ND [0.002]	-	-	0.0031 [0.002]
SW6020	Manganese	7439-96-5	mg/L		0.41 [0.002]	-	0.43 [0.002]	1.3 [0.002]	-	-	1.9 [0.002]
SW6020	Nickel	7440-02-0	mg/L	0.1	0.0031 [0.002]	-	0.018 [0.002]	0.0059 [0.002]	-	-	0.013 [0.002]
SW6020	Selenium	7782-49-2	mg/L	0.05	0.0015 [0.002] J	-	0.0047 [0.002]	0.00034 [0.002] J	-	-	0.0013 [0.002] J,B
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	ND [0.002]
SW6020	Thallium	7440-28-0	mg/L	0.002	0.00027 [0.004] J, B	-	0.00072 [0.004] J, B	0.0014 [0.004] J, B	-	-	0.00062 [0.004] J, B
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.0022 [0.002]	-	0.0032 [0.002]	0.0012 [0.002] J	-	-	ND [0.002]
SW6020	Zinc	7440-66-6	mg/L	5	ND [0.007]	-	0.0048 [0.007] J	0.0044 [0.007] J	-	-	ND [0.007]
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	ND [0.0002]	ND [0.0002]	-	-	ND [0.0002]
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	0.0000011 [0.000019] J
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019]
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000096]	-	-	ND [0.0000097]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000096]	-	-	ND [0.0000097] JM-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000096]	-	-	ND [0.0000097]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019] JM-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000099]	-	ND [0.0000097]	ND [0.0000096]	-	-	ND [0.0000097]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019]
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.00005]	-	ND [0.000049]	ND [0.000048]	-	-	ND [0.000049]
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.00002]	-	ND [0.000019]	ND [0.000019]	-	-	ND [0.000019]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000096]	-	-	ND [0.0000097]
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000096]	-	-	ND [0.0000097]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000096]	-	-	ND [0.0000097]
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000096]	-	-	ND [0.0000097]
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000099]	-	ND [0.000097]	ND [0.000096]	-	-	ND [0.000097]
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00099]	-	ND [0.00097]	ND [0.00096]	-	-	ND [0.00097]
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	ND [0.00048] JS-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	ND [0.00048] JS-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	ND [0.00048] JS-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	ND [0.00048] JS-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW69	MW70	MW70	MW76	MW76	MW77	MW77
				Sample ID	10FWAMW69-GWS	10FWAMW70-GWS	10FWAMW70-GWS	10FWAMW76-GWS	10FWAMW76-GWS	10FWAMW77-GWS	10FWAMW77-GWS
				Lab Sample ID	580-20482-2	580-20484-5	580-20484-5	580-20526-2	580-20601-6	580-20639-2	580-20639-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/20/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	ND [0.00048] JS-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	ND [0.00048] JS-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	ND [0.00048] JS-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00025]	-	ND [0.00025]	ND [0.00024]	-	-	ND [0.00025]
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00025]	-	ND [0.00025]	ND [0.00024]	-	-	ND [0.00025]
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00025]	-	ND [0.00025]	ND [0.00024]	-	-	ND [0.00025]
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00025]	-	ND [0.00025]	ND [0.00024]	-	-	ND [0.00025]
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00025]	-	ND [0.00025]	ND [0.00024]	-	-	ND [0.00025]
SW8151A	Dalapon	75-99-0	mg/L		ND [0.0004]	-	ND [0.0004]	ND [0.00039]	-	-	ND [0.00039]
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00025]	-	ND [0.00025]	ND [0.00024]	-	-	ND [0.00025]
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00025]	-	ND [0.00025]	ND [0.00024]	-	-	ND [0.00025]
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00025]	-	ND [0.00025]	ND [0.00024]	-	-	ND [0.00025]
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.00012 [0.001] J	-	0.00063 [0.001] J	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.0003 [0.001] J
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	0.00016 [0.001] J	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00049 [0.001] J
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	0.0075 [0.005] B
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW69	MW70	MW70	MW76	MW76	MW77	MW77
				Sample ID	10FWAMW69-GWS	10FWAMW70-GWS	10FWAMW70-GWS	10FWAMW76-GWS	10FWAMW76-GWS	10FWAMW77-GWS	10FWAMW77-GWS
				Lab Sample ID	580-20482-2	580-20484-5	580-20484-5	580-20526-2	580-20601-6	580-20639-2	580-20639-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/20/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00026 [0.001] J
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.000072 [0.001] J
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00058 [0.001] J
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.000098 [0.001] J
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00032 [0.001] J
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00015 [0.001] J
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.00028 [0.001] J, B
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	0.001 [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-	0.00025 [0.0004] J
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.00015 [0.0007] J	-	0.0007 [0.0007]	-	0.00011 [0.0007] J,JL+,JC+	-	ND [0.0007]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	-	0.00015 [0.0005] J, B	-	ND [0.0005]	-	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	0.000012 [0.0005] J
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	0.000041 [0.0005] J, B
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	0.00098 [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.00029]	-	ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	0.000051 [0.0002] J	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW69	MW70	MW70	MW76	MW76	MW77	MW77
				Sample ID	10FWAMW69-GWS	10FWAMW70-GWS	10FWAMW70-GWS	10FWAMW76-GWS	10FWAMW76-GWS	10FWAMW77-GWS	10FWAMW77-GWS
				Lab Sample ID	580-20482-2	580-20484-5	580-20484-5	580-20526-2	580-20601-6	580-20639-2	580-20639-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/20/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00049]	-	ND [0.0005]	ND [0.00048]	-	-	ND [0.00048]
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0025]	-	ND [0.0025]	ND [0.0024]	-	-	ND [0.0024]
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.000029]	-	ND [0.00003]	ND [0.000029]	-	-	0.0001 [0.000029]
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.002]	-	ND [0.002]	ND [0.0019]	-	-	ND [0.0019]
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000098]	-	ND [0.000099]	ND [0.000095]	-	-	0.00019 [0.000096]
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00098]	-	ND [0.00099]	ND [0.00095]	-	-	ND [0.00096]
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	ND [0.00039]	-	0.00001 [0.0004] J	ND [0.00038]	-	-	0.000035 [0.00038] J
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.00029]	-	ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00098]	-	ND [0.00099]	ND [0.00095]	-	-	ND [0.00096]
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.000049]	-	ND [0.00005]	ND [0.000048]	-	-	0.00022 [0.000048]
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000039]	-	ND [0.00004]	ND [0.000038]	-	-	ND [0.000038]
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.00002]	-	ND [0.00002]	ND [0.000019]	-	-	ND [0.000019]
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00049]	-	ND [0.0005]	ND [0.00048]	-	-	ND [0.00048]
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000029]	-	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	-	ND [0.00002]	ND [0.000019]	-	-	ND [0.000019]
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000039]	-	ND [0.00004]	ND [0.000038]	-	-	ND [0.000038]
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000029]	-	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000029]	-	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]
SW8270	Benzoic acid	65-85-0	mg/L	150	0.00065 [0.00098] J	-	0.00074 [0.00099] J	0.0008 [0.00095] J,JC+	-	-	ND [0.00096]
SW8270	Benzyl alcohol	100-51-6	mg/L		0.000031 [0.0002] J	-	0.000026 [0.0002] J	ND [0.00019]	-	-	ND [0.00019]
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	0.00013 [0.00029] J, B	-	0.00013 [0.0003] J, B	0.00021 [0.00029] J, B	-	-	0.00021 [0.00029] J,B
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0015]	-	ND [0.0015]	0.00057 [0.0014] J	-	-	ND [0.0014]
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.00002]	-	ND [0.00002]	ND [0.000019]	-	-	ND [0.000019]
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000029]	-	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000032 [0.0002] J, B	-	0.000052 [0.0002] J, B	0.00011 [0.00019] J,B	-	-	ND [0.00019]
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.000077 [0.0002] J,B	-	0.000085 [0.0002] J,B	0.00016 [0.00019] J,B	-	-	0.000094 [0.00019] J, B
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000025]	-	ND [0.000025]	ND [0.000024]	-	-	ND [0.000024]
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.000029]	-	ND [0.00003]	ND [0.000029]	-	-	0.00037 [0.000029]
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW69	MW70	MW70	MW76	MW76	MW77	MW77
				Sample ID	10FWAMW69-GWS	10FWAMW70-GWS	10FWAMW70-GWS	10FWAMW76-GWS	10FWAMW76-GWS	10FWAMW77-GWS	10FWAMW77-GWS
				Lab Sample ID	580-20482-2	580-20484-5	580-20484-5	580-20526-2	580-20601-6	580-20639-2	580-20639-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/20/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TADC	TATW	TATW	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00029]	-	ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00029]	-	ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000029]	-	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	0.00022 [0.00019]
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00098]	-	ND [0.00099]	ND [0.00095]	-	-	ND [0.00096]
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.0002]	-	ND [0.0002]	ND [0.00019]	-	-	ND [0.00019]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00034]	-	ND [0.00035]	ND [0.00033] JL-	-	-	ND [0.00034] JL-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000039]	-	ND [0.00004]	ND [0.000038]	-	-	0.00022 [0.000038]
SW8270	Phenol	108-95-2	mg/L	11	ND [0.00029]	-	ND [0.0003]	0.000051 [0.00029] J	-	-	0.00006 [0.00029] J
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000029]	-	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.00038]	-	-	-	ND [0.001]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.00038]	-	-	-	ND [0.001]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.000095]	-	-	-	ND [0.0001]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.000095]	-	-	-	ND [0.0001]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW78	MW78	MW79	MW79	MW80	MW80	MW81
				Sample ID	10FWAMW78-GWS	10FWAMW78-GWS	10FWAMW79-GWS	10FWAMW79-GWS	10FWAMW80-GWS	10FWAMW80-GWS	10FWAMW81-GWS
				Lab Sample ID	580-20463-2	580-20463-2	580-20482-1	580-20482-1	580-20482-5	580-20482-5	580-20526-3
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/16/2010	7/16/2010	7/16/2010	7/16/2010	7/20/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000012]	-	ND [0.000013]	-	ND [0.000013]	ND [0.000012]
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.0000096]	-	0.0000015 [0.0000099] J	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Anthracene	120-12-7	mg/L	11	-	ND [0.0000096]	-	ND [0.0000099]	-	0.0000012 [0.0000097] J	ND [0.0000095]
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	0.0000023 [0.0000096] J	-	0.0000034 [0.0000099] J, B	-	0.000007 [0.0000097] J, B	ND [0.0000095]
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000096]	-	ND [0.0000099]	-	0.0000072 [0.0000097] J	ND [0.0000095]
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000099]	-	0.000003 [0.0000097] J	ND [0.0000095]
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0000096]	-	0.0000036 [0.0000099] J	-	ND [0.0000097]	ND [0.0000095]
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	0.000012 [0.0000095] JL-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	0.000002 [0.0000096] J, B	-	0.0000026 [0.0000099] J	-	0.0000021 [0.0000097] J	0.0000019 [0.0000095] J
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	ND [0.0000096]	-	ND [0.0000099]	-	ND [0.0000097]	ND [0.0000095]
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	ND [0.05]	-	0.018 [0.05] J	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	0.087 [0.097] J	-	0.17 [0.095]	-	0.094 [0.096] J	0.061 [0.094] J
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.066 [0.097] J	-	0.17 [0.095]	-	0.11 [0.096]	0.044 [0.094] J
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	ND [1]	-	ND [1]	-	ND [1]	ND [1]
SW6010B	Boron	7440-42-8	mg/L		-	ND [2.5]	-	ND [2.5]	-	ND [2.5]	ND [2.5]
SW6010B	Calcium	7440-70-2	mg/L		-	64 [1.1]	-	63 [1.1]	-	46 [1.1]	110 [1.1]
SW6010B	Magnesium	7439-95-4	mg/L		-	14 [1.1]	-	17 [1.1]	-	11 [1.1]	29 [1.1]
SW6010B	Potassium	7440-09-7	mg/L		-	5.4 [3.3]	-	5.1 [3.3]	-	3.3 [3.3]	5 [3.3]
SW6010B	Sodium	7440-23-5	mg/L		-	10 [2]	-	9.5 [2]	-	4 [2]	5.9 [2]
SW6020	Antimony	7440-36-0	mg/L	0.006	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	ND [0.002]
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	0.014 [0.002]	-	0.029 [0.002]	-	0.013 [0.002]	0.011 [0.002]
SW6020	Barium	7440-39-3	mg/L	2	-	0.23 [0.006]	-	0.25 [0.006]	-	0.22 [0.006]	0.24 [0.006]
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	ND [0.002]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW78	MW78	MW79	MW79	MW80	MW80	MW81
				Sample ID	10FWAMW78-GWS	10FWAMW78-GWS	10FWAMW79-GWS	10FWAMW79-GWS	10FWAMW80-GWS	10FWAMW80-GWS	10FWAMW81-GWS
				Lab Sample ID	580-20463-2	580-20463-2	580-20482-1	580-20482-1	580-20482-5	580-20482-5	580-20526-3
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/16/2010	7/16/2010	7/16/2010	7/16/2010	7/20/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	ND [0.002]
SW6020	Chromium	7440-47-3	mg/L	0.1	-	ND [0.002]	-	0.0026 [0.002]	-	0.0053 [0.002]	ND [0.002]
SW6020	Cobalt	7440-48-4	mg/L		-	ND [0.002]	-	0.00061 [0.002] J	-	0.00046 [0.002] J	0.0011 [0.002] J
SW6020	Copper	7440-50-8	mg/L	1	-	0.0002 [0.005] J	-	0.0027 [0.005] J	-	0.00087 [0.005] J	ND [0.005]
SW6020	Iron	7439-89-6	mg/L		-	7.6 [0.2]	-	10 [0.2]	-	9.5 [0.2]	14 [0.2]
SW6020	Lead	7439-92-1	mg/L	0.015	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	ND [0.002]
SW6020	Manganese	7439-96-5	mg/L		-	0.74 [0.002]	-	0.76 [0.002]	-	0.71 [0.002]	1.4 [0.002]
SW6020	Nickel	7440-02-0	mg/L	0.1	-	ND [0.002]	-	0.012 [0.002]	-	0.027 [0.002]	0.0018 [0.002] J
SW6020	Selenium	7782-49-2	mg/L	0.05	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	ND [0.002]
SW6020	Silver	7440-22-4	mg/L	0.1	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	ND [0.002]
SW6020	Thallium	7440-28-0	mg/L	0.002	-	0.00068 [0.004] J, B	-	0.00032 [0.004] J, B	-	0.0006 [0.004] J, B	0.001 [0.004] J, B
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	0.00094 [0.002] J	-	0.0025 [0.002]	-	0.0026 [0.002]	0.0012 [0.002] J
SW6020	Zinc	7440-66-6	mg/L	5	-	ND [0.007]	-	0.0033 [0.007] J	-	0.0043 [0.007] J	0.0026 [0.007] J
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	ND [0.0002]
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	0.0000016 [0.0000096] J	-	ND [0.0000098]	-	ND [0.0000097]	ND [0.0000096]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000097]	ND [0.0000096]
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000097]	ND [0.0000096]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	delta-BHC	319-86-8	mg/L		-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000097]	ND [0.0000096]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	Endosulfan I	959-98-8	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	Endosulfan II	33213-65-9	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	Endrin	72-20-8	mg/L	0.002	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	ND [0.000048]	-	ND [0.000049]	-	ND [0.000049]	ND [0.000048]
SW8081A	Endrin ketone	53494-70-5	mg/L		-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000097]	ND [0.0000096]
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000097]	ND [0.0000096]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000097]	ND [0.0000096]
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000097]	ND [0.0000096]
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	ND [0.000096]	-	ND [0.000098]	-	ND [0.000097]	ND [0.000096]
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	ND [0.00096]	-	ND [0.00098]	-	ND [0.00097]	ND [0.00096]
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	ND [0.00048]	-	-	-	-	ND [0.00048]
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	ND [0.00048]	-	-	-	-	ND [0.00048]
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	ND [0.00048]	-	-	-	-	ND [0.00048]
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	ND [0.00048]	-	-	-	-	ND [0.00048]

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				Lab Sample ID	580-20463-2	580-20463-2	580-20482-1	580-20482-1	580-20482-5	580-20482-5	580-20526-3
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/16/2010	7/16/2010	7/16/2010	7/16/2010	7/20/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	ND [0.00048]	-	-	-	-	ND [0.00048]
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	ND [0.00048]	-	-	-	-	ND [0.00048]
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	ND [0.00048]	-	-	-	-	ND [0.00048]
SW8151A	2,4,5-T	93-76-5	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00024]	ND [0.00024]
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00024]	ND [0.00024]
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00024]	ND [0.00024]
SW8151A	2,4-DB	94-82-6	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00024]	ND [0.00024]
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00024]	ND [0.00024]
SW8151A	Dalapon	75-99-0	mg/L		-	ND [0.0004]	-	ND [0.00039]	-	ND [0.00038]	ND [0.00038]
SW8151A	Dicamba	1918-00-9	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00024]	ND [0.00024]
SW8151A	Dichlorprop	120-36-5	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00024]	ND [0.00024]
SW8151A	Dinoseb	88-85-7	mg/L		-	ND [0.00025]	-	ND [0.00025]	-	ND [0.00024]	ND [0.00024]
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	-	ND [0.001]	-	0.000078 [0.001] J	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.001]	-	0.00033 [0.001] J	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	0.00027 [0.001] J, B	-	ND [0.001]	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-

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				Lab Sample ID	580-20463-2	580-20463-2	580-20482-1	580-20482-1	580-20482-5	580-20482-5	580-20526-3
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/16/2010	7/16/2010	7/16/2010	7/16/2010	7/20/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	0.00028 [0.001] J, B	-	ND [0.001]	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	0.00015 [0.001] J, B	-
SW8260B	Toluene	108-88-3	mg/L	1	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.0007]	-	ND [0.0007]	-	0.00008 [0.0007] J	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	0.000019 [0.0005] J	-	ND [0.0005]	-	0.00002 [0.0005] J	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	ND [0.0005]	-	0.000013 [0.0005] J	-	ND [0.0005]	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.0002]	-	ND [0.0002]	-	0.000016 [0.0002] J	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	ND [0.00029]
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	ND [0.00019]	-	ND [0.0002]	-	0.000021 [0.00019] J	0.000074 [0.00019] J

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW78	MW78	MW79	MW79	MW80	MW80	MW81
				Sample ID	10FWAMW78-GWS	10FWAMW78-GWS	10FWAMW79-GWS	10FWAMW79-GWS	10FWAMW80-GWS	10FWAMW80-GWS	10FWAMW81-GWS
				Lab Sample ID	580-20463-2	580-20463-2	580-20482-1	580-20482-1	580-20482-5	580-20482-5	580-20526-3
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/16/2010	7/16/2010	7/16/2010	7/16/2010	7/20/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	ND [0.00048]	-	ND [0.0005]	-	ND [0.00049]	ND [0.00048]
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	ND [0.0024]	-	ND [0.0025]	-	ND [0.0024]	ND [0.0024]
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	ND [0.000029]
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	ND [0.0019]	-	ND [0.002]	-	ND [0.0019]	ND [0.0019]
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000096]	-	ND [0.000099]	-	ND [0.000097]	ND [0.000095]
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	2-Nitroaniline	88-74-4	mg/L		-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	2-Nitrophenol	88-75-5	mg/L		-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	ND [0.00096]	-	ND [0.00099]	-	ND [0.00097]	ND [0.00095]
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	ND [0.00038]	-	0.000015 [0.0004] J	-	ND [0.00039]	ND [0.00038]
SW8270	3-Nitroaniline	99-09-2	mg/L		-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	4-Nitroaniline	100-01-6	mg/L		-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	ND [0.00029]
SW8270	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00096]	-	ND [0.00099]	-	ND [0.00097]	ND [0.00095]
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.000048]	-	ND [0.00005]	-	ND [0.000049]	ND [0.000048]
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.000038]	-	ND [0.00004]	-	ND [0.000039]	ND [0.000038]
SW8270	Anthracene	120-12-7	mg/L	11	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8270	Azobenzene	103-33-3	mg/L		-	ND [0.00048]	-	ND [0.0005]	-	ND [0.00049]	ND [0.00048]
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	ND [0.000029]
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]	ND [0.000019]
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.000038]	-	ND [0.00004]	-	ND [0.000039]	ND [0.000038]
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	ND [0.000029]
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	ND [0.000029]
SW8270	Benzoic acid	65-85-0	mg/L	150	-	0.00049 [0.00096] J	-	0.00079 [0.00099] J	-	0.00064 [0.00097] J	0.00054 [0.00095] J,JC+
SW8270	Benzyl alcohol	100-51-6	mg/L		-	0.000032 [0.00019] J	-	0.000058 [0.0002] J	-	0.000053 [0.00019] J	0.000026 [0.00019] J
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	0.00012 [0.00029] J,B,JL+	-	0.000095 [0.0003] J, B	-	0.00014 [0.00029] J, B	ND [0.00029]
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	0.0011 [0.0014] J	-	ND [0.0015]	-	ND [0.0015]	ND [0.0014]
SW8270	Carbazole	86-74-8	mg/L	0.043	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	Chrysene	218-01-9	mg/L	0.12	-	ND [0.000019]	-	ND [0.00002]	-	0.0000073 [0.000019] J	ND [0.000019]
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	ND [0.000029]
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	0.000035 [0.00019] J,B	-	0.00004 [0.0002] J, B	-	0.000036 [0.00019] J, B	0.00004 [0.00019] J,B
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	0.00001 [0.00019] J, B
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	0.000065 [0.00019] J,B,JL+	-	0.000061 [0.0002] J,B	-	0.000077 [0.00019] J,B	0.000067 [0.00019] J,B
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.000024]	-	ND [0.000025]	-	ND [0.000024]	ND [0.000024]
SW8270	Fluorene	86-73-7	mg/L	1.5	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	ND [0.000029]
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW78	MW78	MW79	MW79	MW80	MW80	MW81
				Sample ID	10FWAMW78-GWS	10FWAMW78-GWS	10FWAMW79-GWS	10FWAMW79-GWS	10FWAMW80-GWS	10FWAMW80-GWS	10FWAMW81-GWS
				Lab Sample ID	580-20463-2	580-20463-2	580-20482-1	580-20482-1	580-20482-5	580-20482-5	580-20526-3
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/14/2010	7/14/2010	7/16/2010	7/16/2010	7/16/2010	7/16/2010	7/20/2010
				Lab	TADC	TATW	TADC	TATW	TADC	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	ND [0.00029]
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	ND [0.00029]	-	ND [0.0003]	-	ND [0.00029]	ND [0.00029]
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	ND [0.000029]
SW8270	Isophorone	78-59-1	mg/L	0.9	-	ND [0.00019]	-	0.000022 [0.0002] J	-	ND [0.00019]	0.000023 [0.00019] J
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	ND [0.00096]	-	ND [0.00099]	-	ND [0.00097]	ND [0.00095]
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	ND [0.00019]	-	ND [0.0002]	-	ND [0.00019]	ND [0.00019]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.00034]	-	ND [0.00035]	-	ND [0.00034]	ND [0.00033] JL-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	ND [0.000038]	-	ND [0.00004]	-	ND [0.000039]	ND [0.000038]
SW8270	Phenol	108-95-2	mg/L	11	-	ND [0.00029]	-	0.00035 [0.0003] B	-	ND [0.00029]	0.000042 [0.00029] J
SW8270	Pyrene	129-00-0	mg/L	1.1	-	ND [0.000029]	-	ND [0.00003]	-	ND [0.000029]	ND [0.000029]
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	ND [0.00039]	-	ND [0.0004]	-	ND [0.0004]	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	ND [0.000098]	-	ND [0.0001]	-	ND [0.000099]	-	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW81	MW82	MW82	MW83	MW83	MW84	MW84	MW85
				Sample ID	10FWAMW81-GWS	10FWAMW82-GWS	10FWAMW82-GWS	10FWAMW83-GWS	10FWAMW83-GWS	10FWAMW84-GWS	10FWAMW84-GWS	10FWAMW85-GWBS
				Lab Sample ID	580-20601-7	580-20605-2	580-20639-10	580-20605-5	580-20639-11	580-20605-6	580-20639-14	580-20639-15
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000012]	-	ND [0.000012]	-	0.0000043 [0.000013] J, B	-	ND [0.000012]
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.0000096]	-	ND [0.0000096]	-	0.0000037 [0.0000098] J	-	ND [0.0000095]
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000095]
8270SIM	Anthracene	120-12-7	mg/L	11	-	0.0000011 [0.0000096] J	-	ND [0.0000096]	-	0.000001 [0.0000098] J	-	ND [0.0000095]
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	0.0000025 [0.0000096] J	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000095]
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-	ND [0.000019]
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000095]
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000095]
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000095]
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	0.0000039 [0.0000096] J	-	0.0000021 [0.0000096] J	-	0.0000026 [0.0000098] J	-	ND [0.0000095]
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000095]
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	0.0000016 [0.0000096] J	-	ND [0.0000096]	-	0.0000018 [0.0000098] J	-	ND [0.0000095]
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	0.0000015 [0.0000096] J	-	ND [0.0000096]	-	0.0000015 [0.0000098] J	-	ND [0.0000095]
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000096]	-	0.0000051 [0.0000098] J	-	0.0000048 [0.0000095] J
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000095]
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	ND [0.0000096]	-	ND [0.0000096]	-	0.0000034 [0.0000098] J, B	-	0.0000023 [0.0000095] J, B
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	ND [0.0000096]	-	ND [0.0000096]	-	ND [0.0000098]	-	ND [0.0000095]
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	0.017 [0.05] J, B	-	-	-	-	-	-	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	0.15 [0.097]	-	0.077 [0.097] J	-	0.27 [0.097]	-	0.1 [0.097]
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.15 [0.097]	-	0.076 [0.097] J	-	0.44 [0.097]	-	0.13 [0.097]
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	-	-	-	-	-	-
SW6010B	Boron	7440-42-8	mg/L		-	-	-	-	-	-	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	-	-	-	-	-	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	-	-	-	-	-	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	-	-	-	-	-	-	-
SW6010B	Sodium	7440-23-5	mg/L		-	-	-	-	-	-	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	-	-	-	-	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	-	-	-	-	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	-	-	-	-	-	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW81	MW82	MW82	MW83	MW83	MW84	MW84	MW85
				Sample ID	10FWAMW81-GWS	10FWAMW82-GWS	10FWAMW82-GWS	10FWAMW83-GWS	10FWAMW83-GWS	10FWAMW84-GWS	10FWAMW84-GWS	10FWAMW85-GWBS
				Lab Sample ID	580-20601-7	580-20605-2	580-20639-10	580-20605-5	580-20639-11	580-20605-6	580-20639-14	580-20639-15
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	-	-	-	-	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	-	-	-	-	-	-
SW6020	Cobalt	7440-48-4	mg/L		-	-	-	-	-	-	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	-	-	-	-	-	-	-
SW6020	Iron	7439-89-6	mg/L		-	-	-	-	-	-	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	-	-	-	-	-	-
SW6020	Manganese	7439-96-5	mg/L		-	-	-	-	-	-	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	-	-	-	-	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	-	-	-	-	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	-	-	-	-	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	-	-	-	-	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	-	-	-	-	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	-	-	-	-	-	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	-	-	-	-	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	-	-	-	-	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	-	-	-	-	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	-	-	-	-	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	-	-	-	-	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	-	-	-	-	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	-	-	-	-	-	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	-	-	-	-	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	-	-	-	-	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	-	-	-	-	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	-	-	-	-	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	-	-	-	-	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	-	-	-	-	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	-	-	-	-	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	-	-	-	-	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	-	-	-	-	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	-	-	-	-	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	-	-	-	-	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	-	-	-	-	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW81	MW82	MW82	MW83	MW83	MW84	MW84	MW85
				Sample ID	10FWAMW81-GWS	10FWAMW82-GWS	10FWAMW82-GWS	10FWAMW83-GWS	10FWAMW83-GWS	10FWAMW84-GWS	10FWAMW84-GWS	10FWAMW85-GWBS
				Lab Sample ID	580-20601-7	580-20605-2	580-20639-10	580-20605-5	580-20639-11	580-20605-6	580-20639-14	580-20639-15
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	-	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	-	-	-	-	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	-	-	-	-	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	-	-	-	-	-	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	-	-	-	-	-	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	-	-	-	-	-	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	-	-	-	-	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	-	-	-	-	-	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] JH	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-	ND [0.01] JH	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] JH	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] JH	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	-	0.0038 [0.005] J,B	-	0.0089 [0.005] B	-	0.0021 [0.005] J,B,JH	ND [0.005]
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] JH	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW81	MW82	MW82	MW83	MW83	MW84	MW84	MW85
				Sample ID	10FWAMW81-GWS	10FWAMW82-GWS	10FWAMW82-GWS	10FWAMW83-GWS	10FWAMW83-GWS	10FWAMW84-GWS	10FWAMW84-GWS	10FWAMW85-GWBS
				Lab Sample ID	580-20601-7	580-20605-2	580-20639-10	580-20605-5	580-20639-11	580-20605-6	580-20639-14	580-20639-15
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] JH	ND [0.005]
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	ND [0.001]	-	0.00097 [0.001] J	-	ND [0.001] JH	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-	ND [0.005] JH	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	0.00022 [0.001] J, B
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-	ND [0.001] JH	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-	ND [0.002] JH	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.00029 [0.0007] J,JL+,JC+	-	0.00051 [0.0007] J	-	ND [0.0007]	-	0.0012 [0.0007]	ND [0.0007]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	0.000014 [0.0005] J	-	ND [0.0005]	-	0.000029 [0.0005] J	ND [0.0005]
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	-	0.00004 [0.0005] J, B	-	ND [0.0005]	-	0.000047 [0.0005] J, B	ND [0.0005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	0.000024 [0.0005] J	-	ND [0.0005]	-	ND [0.0005]	ND [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	-	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	-	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	-	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	-	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	-	-	-	-	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW81	MW82	MW82	MW83	MW83	MW84	MW84	MW85
				Sample ID	10FWAMW81-GWS	10FWAMW82-GWS	10FWAMW82-GWS	10FWAMW83-GWS	10FWAMW83-GWS	10FWAMW84-GWS	10FWAMW84-GWS	10FWAMW85-GWBS
				Lab Sample ID	580-20601-7	580-20605-2	580-20639-10	580-20605-5	580-20639-11	580-20605-6	580-20639-14	580-20639-15
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	-	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-	-	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	-	-	-	-	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	-	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	-	-	-	-	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	-	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	-	-	-	-	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	-	-	-	-	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	-	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	-	-	-	-	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	-	-	-	-	-	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	-	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	-	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	-	-	-	-	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	-	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	-	-	-	-	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	-	-	-	-	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	-	-	-	-	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	-	-	-	-	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	-	-	-	-	-	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	-	-	-	-	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	-	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	-	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	-	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	-	-	-	-	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	-	-	-	-	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	-	-	-	-	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	-	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	-	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	-	-	-	-	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	-	-	-	-	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	-	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	-	-	-	-	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	-	-	-	-	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	-	-	-	-	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	-	-	-	-	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	-	-	-	-	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	-	-	-	-	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	-	-	-	-	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW81	MW82	MW82	MW83	MW83	MW84	MW84	MW85
				Sample ID	10FWAMW81-GWS	10FWAMW82-GWS	10FWAMW82-GWS	10FWAMW83-GWS	10FWAMW83-GWS	10FWAMW84-GWS	10FWAMW84-GWS	10FWAMW85-GWBS
				Lab Sample ID	580-20601-7	580-20605-2	580-20639-10	580-20605-5	580-20639-11	580-20605-6	580-20639-14	580-20639-15
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/22/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	-	-	-	-	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	-	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	-	-	-	-	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	-	-	-	-	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	-	-	-	-	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	-	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	-	-	-	-	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	-	-	-	-	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	-	-	-	-	-	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	-	-	-	-	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	-	-	-	-	-	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW85	MW86	MW87	MW88	MW89	MW90	TB01
				Sample ID	10FWAMW85-GWS	10FWAMW86-GWS	10FWAMW87-GWS	10FWAMW88-GWS	10FWAMW89-GWS	10FWAMW90-GWS	10FWATB01-GWBS
				Lab Sample ID	580-20639-7	580-20639-9	580-20639-4	580-20639-5	580-20639-1	580-20639-3	580-20463-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/14/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000013]	ND [0.000012]	ND [0.000012]	0.0000036 [0.000012] J, B	ND [0.000013]	ND [0.000013]	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	ND [0.0000097]	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	ND [0.0000097]	-
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	ND [0.0000097]	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	ND [0.0000097]	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	ND [0.000019]	ND [0.000019]	ND [0.000019]	ND [0.000019]	ND [0.000019]	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	ND [0.0000097]	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000097]	0.0000041 [0.0000096] J	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	0.0000041 [0.0000097] J	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	ND [0.0000097]	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	0.000002 [0.0000097] J	0.0000023 [0.0000097] J	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	0.0000054 [0.0000097] J	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	ND [0.0000097]	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	0.0000016 [0.0000095] J	0.0000013 [0.0000097] J	0.0000017 [0.0000097] J	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	0.0000049 [0.0000097] J	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	ND [0.0000097]	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.000002 [0.0000097] J, B	0.0000019 [0.0000096] J, B	0.0000016 [0.0000096] J, B	0.0000032 [0.0000095] J, B	0.0000018 [0.0000097] J, B	0.0000024 [0.0000097] J, B	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000097]	ND [0.0000096]	ND [0.0000096]	ND [0.0000095]	ND [0.0000097]	0.0000023 [0.0000097] J	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	-	-	-	-	-	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.099 [0.098]	0.051 [0.097] J	0.046 [0.096] J	0.092 [0.097] J	0.11 [0.097]	0.12 [0.097]	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.12 [0.098]	0.06 [0.097] J	0.063 [0.096] J	0.13 [0.097]	0.1 [0.097]	0.18 [0.097]	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	-	-	-	-	-
SW6010B	Boron	7440-42-8	mg/L		-	-	-	-	-	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	-	-	-	-	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	-	-	-	-	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	-	-	-	-	-	-
SW6010B	Sodium	7440-23-5	mg/L		-	-	-	-	-	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	-	-	-	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	-	-	-	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	-	-	-	-	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW85	MW86	MW87	MW88	MW89	MW90	TB01
				Sample ID	10FWAMW85-GWS	10FWAMW86-GWS	10FWAMW87-GWS	10FWAMW88-GWS	10FWAMW89-GWS	10FWAMW90-GWS	10FWATB01-GWBS
				Lab Sample ID	580-20639-7	580-20639-9	580-20639-4	580-20639-5	580-20639-1	580-20639-3	580-20463-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/14/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	-	-	-	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	-	-	-	-	-
SW6020	Cobalt	7440-48-4	mg/L		-	-	-	-	-	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	-	-	-	-	-	-
SW6020	Iron	7439-89-6	mg/L		-	-	-	-	-	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	-	-	-	-	-
SW6020	Manganese	7439-96-5	mg/L		-	-	-	-	-	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	-	-	-	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	-	-	-	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	-	-	-	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	-	-	-	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	-	-	-	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	-	-	-	-	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	-	-	-	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	-	-	-	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	-	-	-	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	-	-	-	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	-	-	-	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	-	-	-	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	-	-	-	-	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	-	-	-	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	-	-	-	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	-	-	-	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	-	-	-	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	-	-	-	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	-	-	-	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	-	-	-	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	-	-	-	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	-	-	-	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	-	-	-	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-

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				Loc ID	MW85	MW86	MW87	MW88	MW89	MW90	TB01
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				Lab Sample ID	580-20639-7	580-20639-9	580-20639-4	580-20639-5	580-20639-1	580-20639-3	580-20463-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/14/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	-	-	-	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	-	-	-	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	-	-	-	-	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	-	-	-	-	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	-	-	-	-	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	-	-	-	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	-	-	-	-	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	0.00035 [0.001] J, B
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	0.002 [0.01] J
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	0.01 [0.005] B	ND [0.005]	ND [0.005]	0.0087 [0.005] B	0.0072 [0.005] B	ND [0.005]
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]

2010 Taku Gardens Spring Groundwater Results

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				Lab Sample ID	580-20639-7	580-20639-9	580-20639-4	580-20639-5	580-20639-1	580-20639-3	580-20463-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/14/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	0.00023 [0.001] J
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	0.0054 [0.001]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	ND [0.001]	0.00011 [0.001] J	ND [0.001]	ND [0.001]	ND [0.001]	0.00029 [0.001] J, B
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	0.00011 [0.001] J, B	0.00036 [0.001] J, B	0.00031 [0.001] J, B	0.00029 [0.001] J, B	0.0002 [0.001] J, B	ND [0.001]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	0.000036 [0.0005] J	ND [0.0005]	ND [0.0005]	0.000053 [0.0005] J	ND [0.0005]	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	0.00002 [0.0005] J	0.000013 [0.0005] J	0.000016 [0.0005] J	0.000014 [0.0005] J	0.000018 [0.0005] J	ND [0.0005]
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.00004 [0.0005] J, B	0.000041 [0.0005] J, B	ND [0.0005]	ND [0.0005]	0.000041 [0.0005] J, B	ND [0.0005]	ND [0.0005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	0.000055 [0.0005] J	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	-	-	-	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW85	MW86	MW87	MW88	MW89	MW90	TB01
				Sample ID	10FWAMW85-GWS	10FWAMW86-GWS	10FWAMW87-GWS	10FWAMW88-GWS	10FWAMW89-GWS	10FWAMW90-GWS	10FWATB01-GWBS
				Lab Sample ID	580-20639-7	580-20639-9	580-20639-4	580-20639-5	580-20639-1	580-20639-3	580-20463-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/14/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	-	-	-	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	-	-	-	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	-	-	-	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	-	-	-	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	-	-	-	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	-	-	-	-	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	-	-	-	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	-	-	-	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	-	-	-	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	-	-	-	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	-	-	-	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	-	-	-	-	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	-	-	-	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	-	-	-	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	-	-	-	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	-	-	-	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	-	-	-	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	-	-	-	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	-	-	-	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	-	-	-	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	-	-	-	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	-	-	-	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	-	-	-	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	-	-	-	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	-	-	-	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	MW85	MW86	MW87	MW88	MW89	MW90	TB01
				Sample ID	10FWAMW85-GWS	10FWAMW86-GWS	10FWAMW87-GWS	10FWAMW88-GWS	10FWAMW89-GWS	10FWAMW90-GWS	10FWATB01-GWBS
				Lab Sample ID	580-20639-7	580-20639-9	580-20639-4	580-20639-5	580-20639-1	580-20639-3	580-20463-5
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/26/2010	7/14/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	-	-	-	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	-	-	-	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	-	-	-	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	-	-	-	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	-	-	-	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	-	-	-	-	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	-	-	-	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	-	-	-	-	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater Results

				Loc ID	TB02	TB03	TB04	TB05	TB07	TB08
				Sample ID	10FWATB02-GWS	10FWATB03-GWS	10FWATB04-GWS	10FWATB05-GWS	10WATB07-GWS	10WATB08-GWS
				Lab Sample ID	580-20482-8	580-20484-7	580-20484-8	580-20601-17	580-20639-6	580-20639-8
				Matrix	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**						
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	-	-	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	-	-	-	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	-	-	-	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	-	-	-	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	-	-	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	-	-	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	-	-	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	-	-	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	-	-	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	-	-	-	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	-	-	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	-	-	-	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	-	-	-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	-	-	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	-	-	-	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	-	-	-	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	-	-	-	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	ND [0.05]	ND [0.05]	0.017 [0.05] J, B	-	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	-	-	-	-	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	-	-	-	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	-	-	-	-
SW6010B	Boron	7440-42-8	mg/L		-	-	-	-	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	-	-	-	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	-	-	-	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	-	-	-	-	-
SW6010B	Sodium	7440-23-5	mg/L		-	-	-	-	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	-	-	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	-	-	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	-	-	-	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	TB02	TB03	TB04	TB05	TB07	TB08
				Sample ID	10FWATB02-GWS	10FWATB03-GWS	10FWATB04-GWS	10FWATB05-GWS	10WATB07-GWS	10WATB08-GWS
				Lab Sample ID	580-20482-8	580-20484-7	580-20484-8	580-20601-17	580-20639-6	580-20639-8
				Matrix	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]						
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	-	-	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	-	-	-	-
SW6020	Cobalt	7440-48-4	mg/L		-	-	-	-	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	-	-	-	-	-
SW6020	Iron	7439-89-6	mg/L		-	-	-	-	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	-	-	-	-
SW6020	Manganese	7439-96-5	mg/L		-	-	-	-	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	-	-	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	-	-	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	-	-	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	-	-	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	-	-	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	-	-	-	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	-	-	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	-	-	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	-	-	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	-	-	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	-	-	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	-	-	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	-	-	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	-	-	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	-	-	-	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	-	-	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	-	-	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	-	-	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	-	-	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	-	-	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	-	-	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	-	-	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	-	-	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	-	-	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	-	-	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	-	-	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	-	-	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-

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				Lab Sample ID	580-20482-8	580-20484-7	580-20484-8	580-20601-17	580-20639-6	580-20639-8
				Matrix	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]						
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	-	-	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	-	-	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	-	-	-	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	-	-	-	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	-	-	-	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	-	-	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	-	-	-	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	0.00035 [0.001] J, B	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002] JH
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	0.0036 [0.01] J,JH
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] JH
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		0.00028 [0.001] J, B	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] JH
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	0.014 [0.005] JH
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] JH
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH

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				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]						
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] JH
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005] JH
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	0.00017 [0.001] J,B	ND [0.001]	0.011 [0.001] JH
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	0.0002 [0.001] J	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.00016 [0.001] J, B	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	0.00041 [0.001] J,JH
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001] JH
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002] JH
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	ND [0.0004] JH	ND [0.0004] JH	ND [0.0004]	ND [0.0004]	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.0007]	ND [0.0007] JH	ND [0.0007] JH	ND [0.0007]	ND [0.0007]	ND [0.0007]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	ND [0.0001] JH	ND [0.0001] JH	ND [0.0001]	ND [0.0001]	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	ND [0.0005] JH	0.000056 [0.0005] J,JH	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	ND [0.0005] JH	ND [0.0005] JH	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	ND [0.0005] JH	ND [0.0005] JH	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	ND [0.0005] JH	ND [0.0005] JH	ND [0.0005]	ND [0.0005]	0.000048 [0.0005] J,B
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	ND [0.0005] JH	ND [0.0005] JH	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	ND [0.0002] JH	ND [0.0002] JH	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	-	-	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	TB02	TB03	TB04	TB05	TB07	TB08
				Sample ID	10FWATB02-GWS	10FWATB03-GWS	10FWATB04-GWS	10FWATB05-GWS	10WATB07-GWS	10WATB08-GWS
				Lab Sample ID	580-20482-8	580-20484-7	580-20484-8	580-20601-17	580-20639-6	580-20639-8
				Matrix	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]						
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	-	-	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	-	-	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	-	-	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	-	-	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	-	-	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18	-	-	-	-	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	-	-	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	-	-	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	-	-	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	-	-	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	-	-	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	-	-	-	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	-	-	-	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	-	-	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	-	-	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	-	-	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	-	-	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	-	-	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	-	-	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	-	-	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	-	-	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	-	-	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	-	-	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	-	-	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	-	-	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	-	-	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	-	-	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	-	-	-	-

2010 Taku Gardens Spring Groundwater Results

				Loc ID	TB02	TB03	TB04	TB05	TB07	TB08
				Sample ID	10FWATB02-GWS	10FWATB03-GWS	10FWATB04-GWS	10FWATB05-GWS	10WATB07-GWS	10WATB08-GWS
				Lab Sample ID	580-20482-8	580-20484-7	580-20484-8	580-20601-17	580-20639-6	580-20639-8
				Matrix	WG	WG	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/22/2010	7/26/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]						
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	-	-	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	-	-	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	-	-	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	-	-	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	-	-	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	-	-	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	-	-	-	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	-	-	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	-	-	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	-	-	-	-

Notes:

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mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Spring Groundwater ADEC Exceedances

				Loc ID	MW03	MW06A	MW12
				Sample ID	10FWAMW03-GWS	10FWAMW06A-GWS	10FWAMW12-GWBS
				Lab Sample ID	580-20526-7	580-20559-7	580-20526-6
				Matrix	WG	WG	WG
				Sample Date	7/20/2010	7/21/2010	7/20/2010
				Lab	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**			
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	0.000018 [0.0000096] JL-	ND [0.00094]	ND [0.00095] JL-
AK102	Diesel Range Organics (C10-C25)		mg/L	1.5	0.05 [0.097] J	**9 [0.19]**	**4.4 [0.097]**
AK103	Residual Range Organics (C25-C36)		mg/L	1.1	0.041 [0.097] J	**1.1 [0.096]**	0.11 [0.097] JD
SW6020	Arsenic	7440-38-2	mg/L	0.01	**0.025 [0.002]**	0.0028 [0.002]	0.0056 [0.002]
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000029]	ND [0.0000029]	**0.00006 [0.0000096]**
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000029]	ND [0.0000029]	0.00016 [0.0000096] JC+
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.00048]	ND [0.0047]	ND [0.0048]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.000096] JL-	ND [0.00094] JL-	ND [0.00095] JL-

Notes:
[1] 18 AAC 75, Table C (ADEC 2008)
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TATW-Test America Tacoma Washington
WG-Groundwater
For data qualifier definitions see the data quality assessment.

2010 Taku Gardens Spring Groundwater ADEC Exceedances

				Loc ID	MW12	MW32	MW33
				Sample ID	10FWAMW12-GWS	10FWAMW32-GWS	10FWAMW33-GWS
				Lab Sample ID	580-20526-1	580-20526-4	580-20526-5
				Matrix	WG	WG	WG
				Sample Date	7/20/2010	7/20/2010	7/20/2010
				Lab	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**			
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00096] JL-	**0.028 [0.00048] JL-**	ND [0.00095] JL-
AK102	Diesel Range Organics (C10-C25)		mg/L	1.5	**5.3 [0.19]**	0.12 [0.097]	**10 [0.49]**
AK103	Residual Range Organics (C25-C36)		mg/L	1.1	0.15 [0.094] JD	0.052 [0.097] J	0.4 [0.2]
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.0053 [0.002]	0.00038 [0.002] J, B	**0.028 [0.002]**
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	ND [0.0000029]	**0.0004 [0.0000096] JC+**
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	0.00016 [0.0000095] JC+	ND [0.0000029]	**0.0002 [0.0000096] JC+**
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0048]	0.0034 [0.0014]	ND [0.00095]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00096] JL-	**0.018 [0.0033] JL-**	ND [0.00019] JL-

Notes:
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2010 Taku Gardens Spring Groundwater ADEC Exceedances

				Loc ID	MW36	MW40	MW45
				Sample ID	10FWAMW36-GWS	10FWAMW40-GWS	10FWAMW45-GWS
				Lab Sample ID	580-20526-10	580-20605-4	580-20605-3
				Matrix	WG	WG	WG
				Sample Date	7/20/2010	7/22/2010	7/22/2010
				Lab	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**			
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	0.000044 [0.0000095] JL-	-	-
AK102	Diesel Range Organics (C10-C25)		mg/L	1.5	-	0.14 [0.097]	0.17 [0.097]
AK103	Residual Range Organics (C25-C36)		mg/L	1.1	-	0.15 [0.097]	0.23 [0.097]
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.0065 [0.002]	**0.011 [0.002] B**	**0.011 [0.002] B**
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000029]	ND [0.0000028]	ND [0.0000029]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	ND [0.0000028]	ND [0.0000029]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000029]	ND [0.0000028]	ND [0.0000029]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	**0.028 [0.014]**	ND [0.00048]	ND [0.00048]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.000095] JL-	ND [0.000096] JL-	ND [0.000096] JL-

Notes:
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2010 Taku Gardens Spring Groundwater ADEC Exceedances

				Loc ID	MW47	MW56	MW58	MW-58
				Sample ID	10FWAMW47-GWS	10FWAMW56-GWS	10FWAMW58-GWS	10FWAMW58-GWS
				Lab Sample ID	580-20482-7	580-20482-4	580-20526-9	580-20559-1
				Matrix	WG	WG	WG	WG
				Sample Date	7/16/2010	7/16/2010	7/20/2010	7/21/2010
				Lab	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**				
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	0.00027 [0.000094] JL-	-
AK102	Diesel Range Organics (C10-C25)		mg/L	1.5	-	0.31 [0.097]	-	**3.3 [0.096]**
AK103	Residual Range Organics (C25-C36)		mg/L	1.1	-	0.15 [0.097]	-	0.61 [0.096]
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	**0.017 [0.002]**	**0.011 [0.002]**	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	ND [0.0000029]	ND [0.0000029]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000029]	ND [0.0000029]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000029]	ND [0.0000029]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	**0.00043 [0.001] J**	ND [0.0003]	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.00093]	ND [0.00093]	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.00015]	ND [0.00015]	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00015]	0.00087 [0.001] J	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00005]	0.00085 [0.0005]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	ND [0.00049]	0.0048 [0.0028]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.000097]	ND [0.000094] JL-	-

Notes:
[1] 18 AAC 75, Table C (ADEC 2008)
Bold = Result exceeds ADEC criteria
– = not analyzed
[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-Test America Tacoma Washington
WG-Groundwater
For data qualifier definitions see the data quality assessment.

2010 Taku Gardens Spring Groundwater ADEC Exceedances

				Loc ID	MW61	MW64	MW64	MW77
				Sample ID	10FWAMW61-GWS	10FWAMW64-GWBS	10FWAMW64-GWS	10FWAMW77-GWS
				Lab Sample ID	580-20482-3	580-20484-3	580-20484-2	580-20639-2
				Matrix	WG	WG	WG	WG
				Sample Date	7/16/2010	7/18/2010	7/18/2010	7/26/2010
				Lab	TATW	TATW	TATW	TATW
				QA/QC	Primary	Duplicate	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**				
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-
AK102	Diesel Range Organics (C10-C25)		mg/L	1.5	0.2 [0.097]	0.36 [0.098]	0.39 [0.097] JM-	**1.8 [0.097]**
AK103	Residual Range Organics (C25-C36)		mg/L	1.1	0.19 [0.097]	0.25 [0.098]	0.27 [0.097]	0.61 [0.097]
SW6020	Arsenic	7440-38-2	mg/L	0.01	**0.015 [0.002]**	**0.02 [0.002]**	**0.019 [0.002]**	ND [0.00024]
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000029]	ND [0.0000028]	ND [0.0000029]	ND [0.0000029]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	ND [0.0000028]	ND [0.0000029]	ND [0.0000029] JM-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000029]	ND [0.0000028]	ND [0.0000029]	ND [0.0000029]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.0003]	ND [0.0003]	ND [0.0003]	ND [0.0003]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.00093]	ND [0.00093]	ND [0.00093]	ND [0.00093]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.00015]	ND [0.00015]	ND [0.00015]	ND [0.00015]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	**0.0055 [0.001]**	0.0012 [0.001]	0.0012 [0.001]	0.001 [0.001]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	**0.0056 [0.0005]**	0.0011 [0.0005]	0.001 [0.0005]	0.00098 [0.0005]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.00048]	0.00073 [0.0015] J,JC+	ND [0.00048]	ND [0.00048]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.000096]	ND [0.000097]	ND [0.000096]	ND [0.000096] JL-

Notes:
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mg/L = milligram per liter
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2010 Taku Gardens Spring Groundwater ADEC Exceedances

				Loc ID	MW78	MW79	MW80
				Sample ID	10FWAMW78-GWS	10FWAMW79-GWS	10FWAMW80-GWS
				Lab Sample ID	580-20463-2	580-20482-1	580-20482-5
				Matrix	WG	WG	WG
				Sample Date	7/14/2010	7/16/2010	7/16/2010
				Lab	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**			
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-
AK102	Diesel Range Organics (C10-C25)		mg/L	1.5	0.087 [0.097] J	0.17 [0.095]	0.094 [0.096] J
AK103	Residual Range Organics (C25-C36)		mg/L	1.1	0.066 [0.097] J	0.17 [0.095]	0.11 [0.096]
SW6020	Arsenic	7440-38-2	mg/L	0.01	**0.014 [0.002]**	**0.029 [0.002]**	**0.013 [0.002]**
SW8081A	Aldrin	309-00-2	mg/L	0.00005	0.0000016 [0.0000096] J	ND [0.0000029]	ND [0.0000029]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.0003]	**0.00033 [0.001] J**	ND [0.0003]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.00093]	ND [0.00093]	ND [0.00093]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.00015]	ND [0.00015]	ND [0.00015]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00015]	ND [0.00015]	ND [0.00015]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00005]	ND [0.00005]	ND [0.00005]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	0.0011 [0.0014] J	ND [0.0005]	ND [0.00049]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.000096]	ND [0.000099]	ND [0.000097]

Notes:
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2010 Taku Gardens Spring Groundwater ADEC Exceedances

				Loc ID	MW81	TB01	TB08
				Sample ID	10FWAMW81-GWS	10FWATB01-GWBS	10WATB08-GWS
				Lab Sample ID	580-20526-3	580-20463-5	580-20639-8
				Matrix	WG	WG	WG
				Sample Date	7/20/2010	7/14/2010	7/26/2010
				Lab	TATW	TATW	TATW
				QA/QC	Primary	Trip Blank	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**			
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	0.000012 [0.0000095] JL-	-	-
AK102	Diesel Range Organics (C10-C25)		mg/L	1.5	0.061 [0.094] J	-	-
AK103	Residual Range Organics (C25-C36)		mg/L	1.1	0.044 [0.094] J	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	**0.011 [0.002]**	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000029]	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000029]	-	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.0003]	ND [0.0003] JH
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.00093]	ND [0.00093] JH
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	**0.0054 [0.001]**	**0.011 [0.001] JH**
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.00015]	ND [0.00015] JH
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.00005]	ND [0.00005]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.00048]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.000095] JL-	-	-

Notes:
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mg/L = milligram per liter
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2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW03	MW03	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
				Sample ID	10FWAMW03-GWBF	10FWAMW03-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW12-GWBF	10FWAMW12-GWBF
				Lab Sample ID	22614-11	22614-9	22682-4	22682-4	22682-4	22489-7	22489-7	22489-7	22682-6	22682-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	11/1/2010	11/1/2010	11/1/2010	10/27/2010	10/27/2010	10/27/2010	11/1/2010	11/1/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	0.0000036 [0.000013] J	-	-	0.00039 [0.00013]	-	-	ND [0.000013]	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	0.0000023 [0.0000097] J	-	-	0.00032 [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	0.0000017 [0.0000097] J	-	-	0.000094 [0.000097] J	-	-	ND [0.00001]	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	0.0000022 [0.0000097] J	-	-	ND [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	0.0000023 [0.0000097] J	-	-	ND [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	0.0000022 [0.000019] J	-	-	ND [0.00019]	-	-	ND [0.00002]	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	0.0000021 [0.0000097] J	-	-	ND [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	0.0000025 [0.0000097] J	-	-	ND [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	0.0000022 [0.0000097] J	-	-	ND [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	0.0000031 [0.0000097] J	-	-	0.00004 [0.000097] J	-	-	ND [0.00001]	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	0.0000026 [0.0000097] J	-	-	0.00047 [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	0.0000025 [0.0000097] J	-	-	ND [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	0.0000044 [0.0000097] J	-	-	0.0004 [0.000097]	-	-	ND [0.00001]	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	0.0000032 [0.0000097] J, B	-	-	ND [0.000097]	-	-	0.0000013 [0.00001] J, B	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	ND [0.0000097]	-	-	0.000027 [0.000097] J	-	-	ND [0.00001]	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	ND [0.05]	-	-	0.048 [0.05] J	-	-	ND [0.05]	-	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	-	0.11 [0.1]	-	-	7.2 [0.48]	-	-	0.092 [0.11] J	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.15 [0.1]	-	-	0.33 [0.48] J	-	-	0.1 [0.11] J	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	10 [5]	-	-	21 [5]	-	-	9.2 [5]
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	160 [5]	-	-	260 [5]	-	-	260 [5]
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	0.22 [0.05]	-	-	ND [0.05]	-	-	0.29 [0.05]
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	ND [0.05]	-	-	0.023 [0.05] J	-	-	0.015 [0.05] J
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	0.13 [0.1]	-	-	0.031 [0.1] J, B	-	-	0.14 [0.1]
RSK175	Methane	30479	mg/L		-	-	-	1.5 [0.00019]	-	-	0.00058 [0.00019]	-	-	2 [0.00019]
SW6010B	Aluminum	7429-90-5	mg/L		-	ND [1]	-	-	ND [1]	-	-	ND [1]	-	-
SW6010B	Boron	7440-42-8	mg/L		-	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	72 [1.1]	-	-	81 [1.1]	-	-	75 [1.1]	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	20 [1.1]	-	-	19 [1.1]	-	-	21 [1.1]	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	4.2 [3.3]	-	-	4.6 [3.3]	-	-	4.8 [3.3]	-	-
SW6010B	Sodium	7440-23-5	mg/L		-	5.1 [2]	-	-	5 [2]	-	-	9 [2]	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	0.026 [0.002]	-	-	0.0045 [0.002]	-	-	0.00054 [0.002] J	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	0.15 [0.006]	-	-	0.31 [0.006]	-	-	0.12 [0.006]	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	0.0026 [0.002]	-	-	0.0035 [0.002]	-	-	0.0022 [0.002]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW03	MW03	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
				Sample ID	10FWAMW03-GWBF	10FWAMW03-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW12-GWBF	10FWAMW12-GWBF
				Lab Sample ID	22614-11	22614-9	22682-4	22682-4	22682-4	22489-7	22489-7	22489-7	22682-6	22682-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	11/1/2010	11/1/2010	11/1/2010	10/27/2010	10/27/2010	10/27/2010	11/1/2010	11/1/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW6020	Cobalt	7440-48-4	mg/L		-	0.0011 [0.002] J	-	-	0.00019 [0.002] J	-	-	0.0046 [0.002]	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	0.00076 [0.005] J	-	-	0.00068 [0.005] J	-	-	0.002 [0.005] J	-	-
SW6020	Iron	7439-89-6	mg/L		-	12 [0.2]	-	-	20 [0.2] JM+	-	-	0.053 [0.2] J	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	ND [0.002]	-	-	0.00021 [0.002] J	-	-	ND [0.002]	-	-
SW6020	Manganese	7439-96-5	mg/L		-	0.62 [0.002]	-	-	1.3 [0.002]	-	-	0.18 [0.002]	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	0.0031 [0.002]	-	-	0.0016 [0.002] J	-	-	0.012 [0.002]	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	ND [0.002]	-	-	0.0007 [0.002] J	-	-	ND [0.002]	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	ND [0.004]	-	-	ND [0.004]	-	-	0.00007 [0.004] J, B	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	ND [0.01]	-	-	0.0026 [0.01] J, B	-	-	ND [0.01]	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	0.0034 [0.007] J	-	-	0.0028 [0.007] J	-	-	0.0042 [0.007] J	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	ND [0.0000098]	-	-	0.000043 [0.0000097]	-	-	ND [0.0000099]	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000098]	-	-	0.000071 [0.0000097]	-	-	ND [0.0000099]	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	ND [0.0000098] JL-	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	ND [0.00002] JL-	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	ND [0.0000098]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	ND [0.00002]	-	-	0.000063 [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	ND [0.000049]	-	-	ND [0.000049]	-	-	ND [0.00005]	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000098]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	ND [0.0000098]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	ND [0.0000098]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	ND [0.0000098]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	ND [0.000098]	-	-	ND [0.000097]	-	-	ND [0.000099]	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	ND [0.00098]	-	-	ND [0.00097]	-	-	ND [0.00099]	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	ND [0.00049]	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	ND [0.00049]	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	ND [0.00049]	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	ND [0.00049]	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	ND [0.00049]	ND [0.00049]	-	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW03	MW03	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
				Sample ID	10FWAMW03-GWBF	10FWAMW03-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW12-GWBF	10FWAMW12-GWBF
				Lab Sample ID	22614-11	22614-9	22682-4	22682-4	22682-4	22489-7	22489-7	22489-7	22682-6	22682-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	11/1/2010	11/1/2010	11/1/2010	10/27/2010	10/27/2010	10/27/2010	11/1/2010	11/1/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	ND [0.00049]	ND [0.00049]	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	ND [0.00049]	ND [0.00049]	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	ND [0.00027]	-	-	ND [0.00025]	-	-	ND [0.00028]	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	ND [0.00027]	-	-	ND [0.00025]	-	-	ND [0.00028]	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	ND [0.00027]	-	-	ND [0.00025]	-	-	ND [0.00028]	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	ND [0.00027]	-	-	ND [0.00025]	-	-	ND [0.00028]	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00027]	-	-	ND [0.00025]	-	-	ND [0.00028]	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	ND [0.00043]	-	-	ND [0.00041]	-	-	ND [0.00045]	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	ND [0.00027]	-	-	ND [0.00025]	-	-	ND [0.00028]	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	ND [0.00027]	-	-	ND [0.00025]	-	-	ND [0.00028]	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	ND [0.00027]	-	-	ND [0.00025]	-	-	ND [0.00028]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	ND [0.001]	-	-	0.00097 [0.001] J	-	-	ND [0.001]	-	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Acetone	67-64-1	mg/L	33	-	ND [0.01]	-	-	0.0019 [0.01] J, JL+, JC+, B	-	-	0.0032 [0.01] J	-	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW03	MW03	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
				Sample ID	10FWAMW03-GWBF	10FWAMW03-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW12-GWBF	10FWAMW12-GWBF
				Lab Sample ID	22614-11	22614-9	22682-4	22682-4	22682-4	22489-7	22489-7	22489-7	22682-6	22682-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	11/1/2010	11/1/2010	11/1/2010	10/27/2010	10/27/2010	10/27/2010	11/1/2010	11/1/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	ND [0.001]	-	-	0.00015 [0.001] J	-	-	ND [0.001]	-	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	-	-	0.00052 [0.001] J	-	-	ND [0.001]	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	-	-	0.00043 [0.001] J	-	-	ND [0.001]	-	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	-	-	0.00078 [0.001] J	-	-	ND [0.001]	-	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	ND [0.001]	-	-	0.00059 [0.001] J	-	-	ND [0.001]	-	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Toluene	108-88-3	mg/L	1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	0.00055 [0.0007] J	-	-	0.00053 [0.0007] J	-	-	ND [0.0007]	-	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	-	-	0.000085 [0.0001] J	-	-	ND [0.0001]	-	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.0005]	-	-	0.000059 [0.0005] J	-	-	ND [0.0005]	-	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	ND [0.0005]	-	-	0.00003 [0.0005] J	-	-	ND [0.0005]	-	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.0005]	-	-	0.00011 [0.0005] J, B	-	-	ND [0.0005]	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.0005]	-	-	0.000069 [0.0005] J	-	-	ND [0.0005]	-	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.0002]	-	-	0.000039 [0.0002] J	-	-	ND [0.0002]	-	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.00019]	-	-	ND [0.00019]	-	-	0.000014 [0.0002] J	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	ND [0.00049]	-	-	ND [0.00049]	-	-	ND [0.00051]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	ND [0.0024]	-	-	ND [0.0024]	-	-	ND [0.0026]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW03	MW03	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
				Sample ID	10FWAMW03-GWBF	10FWAMW03-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW12-GWBF	10FWAMW12-GWBF
				Lab Sample ID	22614-11	22614-9	22682-4	22682-4	22682-4	22489-7	22489-7	22489-7	22682-6	22682-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	11/1/2010	11/1/2010	11/1/2010	10/27/2010	10/27/2010	10/27/2010	11/1/2010	11/1/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	ND [0.0019]	-	-	ND [0.0019]	-	-	ND [0.002]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000097]	-	-	ND [0.000097]	-	-	ND [0.0001]	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	ND [0.00097]	-	-	ND [0.00097]	-	-	ND [0.001]	-	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	-	ND [0.00039]	-	-	ND [0.00039]	-	-	ND [0.00041]	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	0.000024 [0.00019] J, B	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00097]	-	-	ND [0.00097]	-	-	ND [0.001]	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.000049]	-	-	ND [0.000049]	-	-	ND [0.000051]	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.000039]	-	-	ND [0.000039]	-	-	ND [0.000041]	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	ND [0.00049]	-	-	ND [0.00049]	-	-	ND [0.00051]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.000039]	-	-	ND [0.000039]	-	-	ND [0.000041]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	0.00028 [0.00097] J	-	-	ND [0.00097]	-	-	0.00034 [0.001] J	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	0.000026 [0.00019] J, B	-	-	ND [0.00019]	-	-	0.000028 [0.0002] J, B	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	ND [0.0015]	-	-	ND [0.0015]	-	-	ND [0.0015]	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	0.000034 [0.00019] J, B	-	-	ND [0.00019]	-	-	0.000058 [0.0002] J, B	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	ND [0.00019]	-	-	ND [0.00019]	-	-	0.000057 [0.0002] J,B	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.000024]	-	-	ND [0.000024]	-	-	ND [0.000026]	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW03	MW03	MW06A	MW06A	MW06A	MW08	MW08	MW08	MW12	MW12
				Sample ID	10FWAMW03-GWBF	10FWAMW03-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW06A-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW08-GWF	10FWAMW12-GWBF	10FWAMW12-GWBF
				Lab Sample ID	22614-11	22614-9	22682-4	22682-4	22682-4	22489-7	22489-7	22489-7	22682-6	22682-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	11/1/2010	11/1/2010	11/1/2010	10/27/2010	10/27/2010	10/27/2010	11/1/2010	11/1/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	ND [0.00097]	-	-	ND [0.00097]	-	-	ND [0.001]	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.00034]	-	-	ND [0.00034]	-	-	ND [0.00036] R	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	ND [0.000039]	-	-	ND [0.000039]	-	-	ND [0.000041]	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.0052]	-	-	ND [0.0001]	-	-	ND [0.005]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.0052]	-	-	ND [0.0005]	-	-	ND [0.005]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW12	MW12	MW12	MW12	MW13	MW13	MW26	MW26	MW32
				Sample ID	10FWAMW12-GWBF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW13-GWF	10FWAMW13-GWF	10FWAMW26-GWF	10FWAMW26-GWF	10FWAMW32-GWF
				Lab Sample ID	22682-6	22682-5	22682-5	22682-5	22614-4	22614-4	22614-7	22614-7	22682-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010	11/1/2010
				Lab	TATW	TADC	TASG	TATW	TASG	TATW	TADC	TATW	TADC
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	0.0002 [0.00013]	-	-	0.00015 [0.00013]	-	0.0000034 [0.000013] J	-	0.0000058 [0.000013] J	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	0.00011 [0.000097]	-	-	0.00014 [0.000097]	-	0.0000011 [0.0000097] J	-	0.000004 [0.0000098] J	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	0.0000035 [0.0000098] J	-
8270SIM	Anthracene	120-12-7	mg/L	11	0.0001 [0.000097]	-	-	ND [0.000097]	-	0.0000009 [0.0000097] J	-	0.0000042 [0.0000098] J	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	0.0000035 [0.0000098] J	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.000019]	-	0.0000046 [0.00002] J	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	0.0000032 [0.0000098] J	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	0.0000035 [0.0000098] J	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	0.0000051 [0.0000098] J	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	ND [0.0000098]	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	0.0000035 [0.0000098] J	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	0.000041 [0.000097] J	-	-	0.000037 [0.000097] J	-	ND [0.0000097]	-	0.0000051 [0.0000098] J	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	0.000097 [0.000097]	-	-	0.00012 [0.000097]	-	0.0000013 [0.0000097] J	-	0.0000061 [0.0000098] J	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	0.0000039 [0.0000098] J	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	0.00022 [0.000097]	-	-	0.00022 [0.000097]	-	0.0000075 [0.0000097] J	-	0.0000073 [0.0000098] J	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.00018 [0.000097]	-	-	ND [0.000097]	-	0.000002 [0.0000097] J, B	-	0.0000061 [0.0000098] J, B	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.0000097]	-	0.0000044 [0.0000098] J	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	0.063 [0.05]	-	-	0.06 [0.05]	-	ND [0.05]	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	5.1 [0.49]	-	-	6.5 [0.5]	-	0.12 [0.096]	-	0.11 [0.1]	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.19 [0.49] J	-	-	0.29 [0.5] J	-	0.15 [0.096]	-	0.11 [0.1]	-
E300A	Sulfate	14808-79-8	mg/L		-	-	7.3 [5]	-	38 [5]	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	250 [5]	-	370 [5]	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	0.3 [0.05]	-	0.08 [0.05]	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	ND [0.05]	-	0.026 [0.05] J	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	0.17 [0.1]	-	0.026 [0.1] J	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	1.9 [0.00019]	-	0.011 [0.00019]	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	-	ND [1]	-	ND [1]	-	ND [1]	-
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	-	ND [2.5]	-	ND [2.5]	-	ND [2.5]	-
SW6010B	Calcium	7440-70-2	mg/L		80 [1.1]	-	-	81 [1.1]	-	130 [1.1]	-	110 [1.1]	-
SW6010B	Magnesium	7439-95-4	mg/L		20 [1.1]	-	-	20 [1.1]	-	21 [1.1]	-	23 [1.1]	-
SW6010B	Potassium	7440-09-7	mg/L		5 [3.3]	-	-	5.2 [3.3]	-	3.9 [3.3]	-	5.6 [3.3]	-
SW6010B	Sodium	7440-23-5	mg/L		4.7 [2]	-	-	4.7 [2]	-	4.4 [2]	-	4.4 [2]	-
SW6020	Antimony	7440-36-0	mg/L	0.006	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.0028 [0.002]	-	-	0.0034 [0.002]	-	0.0009 [0.002] J	-	ND [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	0.26 [0.006]	-	-	0.26 [0.006]	-	0.15 [0.006]	-	0.14 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	-	-	ND [0.002]	-	0.00018 [0.002] J	-	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	0.0038 [0.002]	-	-	0.0038 [0.002]	-	0.0016 [0.002] J	-	0.0021 [0.002]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW12	MW12	MW12	MW12	MW13	MW13	MW26	MW26	MW32
				Sample ID	10FWAMW12-GWBF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW13-GWF	10FWAMW13-GWF	10FWAMW26-GWF	10FWAMW26-GWF	10FWAMW32-GWF
				Lab Sample ID	22682-6	22682-5	22682-5	22682-5	22614-4	22614-4	22614-7	22614-7	22682-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010	11/1/2010
				Lab	TATW	TADC	TASG	TATW	TASG	TATW	TADC	TATW	TADC
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW6020	Cobalt	7440-48-4	mg/L		0.00018 [0.002] J	-	-	0.00022 [0.002] J	-	0.0027 [0.002]	-	0.0023 [0.002]	-
SW6020	Copper	7440-50-8	mg/L	1	0.00072 [0.005] J	-	-	0.00076 [0.005] J	-	0.0014 [0.005] J	-	0.0017 [0.005] J	-
SW6020	Iron	7439-89-6	mg/L		19 [0.2] JM+	-	-	20 [0.2] JM+	-	6.6 [0.2]	-	0.74 [0.2]	-
SW6020	Lead	7439-92-1	mg/L	0.015	0.0002 [0.002] J	-	-	0.00024 [0.002] J	-	ND [0.002]	-	ND [0.002]	-
SW6020	Manganese	7439-96-5	mg/L		1.2 [0.002]	-	-	1.3 [0.002]	-	0.87 [0.002]	-	0.55 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1	0.0013 [0.002] J	-	-	0.0016 [0.002] J	-	0.0088 [0.002]	-	0.0063 [0.002]	-
SW6020	Selenium	7782-49-2	mg/L	0.05	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	0.0039 [0.002]	-
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002	ND [0.004]	-	-	ND [0.004]	-	0.000095 [0.004] J, B	-	ND [0.004]	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.0018 [0.01] J, B	-	-	0.0042 [0.01] J, B	-	ND [0.01]	-	ND [0.01]	-
SW6020	Zinc	7440-66-6	mg/L	5	0.0054 [0.007] J	-	-	0.0041 [0.007] J	-	0.0041 [0.007] J	-	0.0028 [0.007] J	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000097]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000098]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000097]	-	-	0.000022 [0.0000097]	-	ND [0.0000096]	-	ND [0.0000098]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000097]	-	-	ND [0.0000097]	-	ND [0.0000096] JL-	-	ND [0.0000098] JL-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	0.000054 [0.000019] JD	-	-	0.000022 [0.000019] JD	-	ND [0.000019] JL-	-	ND [0.00002] JL-	-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000097]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000098]	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000049]	-	-	ND [0.000049]	-	ND [0.000048]	-	ND [0.000049]	-
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	0.000064 [0.0000097] JD	-	-	0.000036 [0.0000097] JD	-	ND [0.0000096]	-	ND [0.0000098]	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000097]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000098]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	0.000025 [0.0000097]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000098]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000097]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	ND [0.0000098]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	0.00001 [0.000097] J	-	-	ND [0.000097]	-	ND [0.000096]	-	ND [0.000098]	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00097]	-	-	ND [0.00097]	-	ND [0.00096]	-	ND [0.00098]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	ND [0.00048]	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	ND [0.00048]	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	ND [0.00048]	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	ND [0.00048]	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	ND [0.00048]	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW12	MW12	MW12	MW12	MW13	MW13	MW26	MW26	MW32
				Sample ID	10FWAMW12-GWBF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW13-GWF	10FWAMW13-GWF	10FWAMW26-GWF	10FWAMW26-GWF	10FWAMW32-GWF
				Lab Sample ID	22682-6	22682-5	22682-5	22682-5	22614-4	22614-4	22614-7	22614-7	22682-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010	11/1/2010
				Lab	TATW	TADC	TASG	TATW	TASG	TATW	TADC	TATW	TADC
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	ND [0.00048]	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	ND [0.00048]	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]	-	ND [0.00025]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]	-	0.00015 [0.00025] J	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]	-	ND [0.00025]	-
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]	-	ND [0.00025]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]	-	ND [0.00025]	-
SW8151A	Dalapon	75-99-0	mg/L		ND [0.0004]	-	-	ND [0.00041]	-	ND [0.00039]	-	ND [0.0004]	-
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]	-	ND [0.00025]	-
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]	-	ND [0.00025]	-
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00025]	-	-	ND [0.00025]	-	ND [0.00024]	-	ND [0.00025]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	0.00056 [0.001] J	-	-	0.00053 [0.001] J	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	0.00065 [0.001] J	-	-	0.00063 [0.001] J	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		0.00086 [0.001] J	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]	-	ND [0.01]	-
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW12	MW12	MW12	MW12	MW13	MW13	MW26	MW26	MW32
				Sample ID	10FWAMW12-GWBF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW13-GWF	10FWAMW13-GWF	10FWAMW26-GWF	10FWAMW26-GWF	10FWAMW32-GWF
				Lab Sample ID	22682-6	22682-5	22682-5	22682-5	22614-4	22614-4	22614-7	22614-7	22682-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010	11/1/2010
				Lab	TATW	TADC	TASG	TATW	TASG	TATW	TADC	TATW	TADC
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.003]	-	-	ND [0.003]	-	ND [0.003]	-	ND [0.003]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	0.00063 [0.001] J	-	-	0.00058 [0.001] J	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	-	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0017 [0.0007]	-	-	0.0017 [0.0007]	-	ND [0.0007]	-	0.0019 [0.0007]	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	-	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.000073 [0.0005] J	-	-	0.000084 [0.0005] J	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	-	0.00003 [0.0005] J	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.00013 [0.0005] J, B	-	-	0.00013 [0.0005] J, B	-	ND [0.0005]	-	0.000072 [0.0005] J	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	-	0.000077 [0.0005] J	-	ND [0.0005]	-	ND [0.0005]	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.0019]	-	-	ND [0.0019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.0029]	-	-	ND [0.0029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00049]	-	-	ND [0.00049]	-	ND [0.00049]	-	ND [0.00049]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.024]	-	-	ND [0.024]	-	ND [0.0024]	-	ND [0.0025]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.0019]	-	-	ND [0.0019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.0019]	-	-	ND [0.0019]	-	ND [0.00019]	-	0.000047 [0.0002] J	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW12	MW12	MW12	MW12	MW13	MW13	MW26	MW26	MW32
				Sample ID	10FWAMW12-GWBF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW13-GWF	10FWAMW13-GWF	10FWAMW26-GWF	10FWAMW26-GWF	10FWAMW32-GWF
				Lab Sample ID	22682-6	22682-5	22682-5	22682-5	22614-4	22614-4	22614-7	22614-7	22682-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010	11/1/2010
				Lab	TATW	TADC	TASG	TATW	TASG	TATW	TADC	TATW	TADC
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.0019]	-	-	ND [0.0019]	-	ND [0.0019]	-	ND [0.002]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000097]	-	-	ND [0.000097]	-	ND [0.000097]	-	ND [0.000098]	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.0019]	-	-	ND [0.0019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00097]	-	-	ND [0.00097]	-	ND [0.00097]	-	ND [0.00098]	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	ND [0.00039]	-	-	ND [0.00039]	-	0.000013 [0.00039] J	-	ND [0.00039]	-
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.0019]	-	-	ND [0.0019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.0019]	-	-	ND [0.0019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.0029]	-	-	ND [0.0029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.0097]	-	-	ND [0.0097]	-	ND [0.00097]	-	ND [0.00098]	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.00049]	-	-	ND [0.00049]	-	ND [0.000049]	-	ND [0.000049]	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.00039]	-	-	ND [0.00039]	-	ND [0.000039]	-	ND [0.000039]	-
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00049]	-	-	ND [0.00049]	-	ND [0.00049]	-	ND [0.00049]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000039]	-	-	ND [0.000039]	-	ND [0.000039]	-	ND [0.000039]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Benzoic acid	65-85-0	mg/L	150	ND [0.00097]	-	-	ND [0.00097]	-	ND [0.00097]	-	0.00031 [0.00098] J	-
SW8270	Benzyl alcohol	100-51-6	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	0.000031 [0.00019] J, B	-	0.000024 [0.0002] J, B	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	ND [0.00029]	-	-	ND [0.00029]	-	0.00011 [0.00029] J,JL+, B	-	0.00013 [0.00029] J,JL+, B	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0015]	-	-	ND [0.0015]	-	ND [0.0015]	-	ND [0.0015]	-
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.000019]	-	-	ND [0.000019]	-	ND [0.000019]	-	ND [0.00002]	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.0019]	-	-	ND [0.0019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	ND [0.0019]	-	-	ND [0.0019]	-	0.000056 [0.00019] J, B	-	0.000068 [0.0002] J, B	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.0019]	-	-	ND [0.0019]	-	ND [0.00019]	-	0.0000076 [0.0002] J	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	ND [0.00019]	-	-	ND [0.00019]	-	0.00013 [0.00019] J, B	-	0.0001 [0.0002] J, B	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000024]	-	-	ND [0.000024]	-	ND [0.000024]	-	ND [0.000025]	-
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.000029]	-	ND [0.000029]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW12	MW12	MW12	MW12	MW13	MW13	MW26	MW26	MW32
				Sample ID	10FWAMW12-GWBF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW12-GWF	10FWAMW13-GWF	10FWAMW13-GWF	10FWAMW26-GWF	10FWAMW26-GWF	10FWAMW32-GWF
				Lab Sample ID	22682-6	22682-5	22682-5	22682-5	22614-4	22614-4	22614-7	22614-7	22682-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010	11/1/2010
				Lab	TATW	TADC	TASG	TATW	TASG	TATW	TADC	TATW	TADC
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.00019]	-	-	ND [0.00019]	-	0.0000077 [0.00019] J	-	ND [0.0002]	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00097]	-	-	ND [0.00097]	-	ND [0.00097]	-	ND [0.00098]	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.00019]	-	-	ND [0.00019]	-	ND [0.00019]	-	ND [0.0002]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00034]	-	-	ND [0.00034]	-	ND [0.00034]	-	ND [0.00034]	-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000039]	-	-	ND [0.000039]	-	ND [0.000039]	-	ND [0.000039]	-
SW8270	Phenol	108-95-2	mg/L	11	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.00029]	-	ND [0.00029]	-
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.000029]	-	ND [0.000029]	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.005]	-	-	-	-	ND [0.0001] JH	-	ND [0.00053]
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.005]	-	-	-	-	ND [0.0005] JH	-	ND [0.00053]
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.0001]	-	-	-	-	ND [0.0001] JH	-	ND [0.00011]

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW32	MW32	MW33	MW33	MW33	MW35	MW35	MW35	MW36
				Sample ID	10FWAMW32-GWF	10FWAMW32-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW36-GWF
				Lab Sample ID	22682-3	22682-3	22682-1	22682-1	22682-1	22610-1	22610-1	22610-1	22610-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000013]	-	-	0.00084 [0.00013]	-	-	ND [0.000013]	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	-	ND [0.00019]	-	-	ND [0.00002]	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0000097]	-	-	0.00014 [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	ND [0.0000097]	-	-	ND [0.000097]	-	-	ND [0.0000098]	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	ND [0.05]	-	-	0.11 [0.05]	-	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	-	0.23 [0.099]	-	-	31 [0.97]	-	-	0.14 [0.11]	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.13 [0.099]	-	-	2.1 [0.97]	-	-	0.083 [0.11] J	-
E300A	Sulfate	14808-79-8	mg/L		48 [5]	-	-	5.3 [5]	-	-	39 [5]	-	-
E310.1	Alkalinity, Total	10300	mg/L		230 [5]	-	-	280 [5]	-	-	300 [5]	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		0.033 [0.05] J	-	-	0.19 [0.05]	-	-	ND [0.05]	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		0.24 [0.05]	-	-	ND [0.05]	-	-	3.5 [0.25]	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		ND [0.1]	-	-	0.19 [0.1]	-	-	0.027 [0.1] J	-	-
RSK175	Methane	30479	mg/L		0.017 [0.00019]	-	-	0.81 [0.00019]	-	-	ND [0.00019]	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	ND [1]	-	-	ND [1]	-	-	ND [1]	-
SW6010B	Boron	7440-42-8	mg/L		-	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-
SW6010B	Calcium	7440-70-2	mg/L		-	85 [1.1]	-	-	87 [1.1]	-	-	100 [1.1]	-
SW6010B	Magnesium	7439-95-4	mg/L		-	21 [1.1]	-	-	19 [1.1]	-	-	26 [1.1]	-
SW6010B	Potassium	7440-09-7	mg/L		-	4.6 [3.3]	-	-	4.7 [3.3]	-	-	5.5 [3.3]	-
SW6010B	Sodium	7440-23-5	mg/L		-	4.5 [2]	-	-	4.9 [2]	-	-	6.9 [2]	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	0.00062 [0.002] J	-	-	ND [0.002]	-	-	0.00052 [0.002] J	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	0.00069 [0.002] J, B	-	-	0.031 [0.002]	-	-	ND [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	-	0.15 [0.006]	-	-	0.34 [0.006]	-	-	0.12 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	0.0032 [0.002] B	-	-	0.0038 [0.002]	-	-	0.0021 [0.002]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW32	MW32	MW33	MW33	MW33	MW35	MW35	MW35	MW36
				Sample ID	10FWAMW32-GWF	10FWAMW32-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW36-GWF
				Lab Sample ID	22682-3	22682-3	22682-1	22682-1	22682-1	22610-1	22610-1	22610-1	22610-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW6020	Cobalt	7440-48-4	mg/L		-	0.0011 [0.002] J	-	-	0.00028 [0.002] J	-	-	0.0012 [0.002] J	-
SW6020	Copper	7440-50-8	mg/L	1	-	0.002 [0.005] J	-	-	0.0043 [0.005] J	-	-	0.0026 [0.005] J	-
SW6020	Iron	7439-89-6	mg/L		-	1.1 [0.2] JM+	-	-	45 [0.2] JM+	-	-	0.04 [0.2] J	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	ND [0.002]	-	-	0.00077 [0.002] J	-	-	ND [0.002]	-
SW6020	Manganese	7439-96-5	mg/L		-	0.49 [0.002]	-	-	1.9 [0.002]	-	-	0.17 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	0.0057 [0.002]	-	-	0.0028 [0.002]	-	-	0.0076 [0.002]	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	0.00056 [0.002] J	-	-	0.00054 [0.002] J	-	-	0.0028 [0.002]	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	ND [0.004]	-	-	ND [0.004]	-	-	ND [0.004]	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	ND [0.01]	-	-	0.0053 [0.01] J	-	-	ND [0.01]	-
SW6020	Zinc	7440-66-6	mg/L	5	-	0.0059 [0.007] J	-	-	0.0028 [0.007] J	-	-	0.0046 [0.007] J	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	ND [0.0000096]	-	-	ND [0.0000099]	-	-	ND [0.0000096]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000096]	-	-	0.00089 [0.0000099]	-	-	ND [0.0000096]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	ND [0.0000096]	-	-	ND [0.0000099]	-	-	ND [0.0000096]	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	ND [0.000019]	-	-	0.0012 [0.00002]	-	-	ND [0.000019]	-
SW8081A	delta-BHC	319-86-8	mg/L		-	ND [0.0000096]	-	-	0.00011 [0.0000099]	-	-	ND [0.0000096]	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	ND [0.000019]	-	-	0.00014 [0.00002]	-	-	ND [0.000019]	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	ND [0.000048]	-	-	ND [0.00005]	-	-	ND [0.000048]	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000096]	-	-	0.00015 [0.0000099]	-	-	ND [0.0000096]	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	ND [0.0000096]	-	-	ND [0.0000099]	-	-	ND [0.0000096]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	ND [0.0000096]	-	-	0.0008 [0.0000099]	-	-	ND [0.0000096]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	ND [0.0000096]	-	-	ND [0.0000099]	-	-	ND [0.0000096]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	ND [0.000096]	-	-	0.000081 [0.000099] J	-	-	ND [0.000096]	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	ND [0.00096]	-	-	ND [0.00099]	-	-	ND [0.00096]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-	-

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				Loc ID	MW32	MW32	MW33	MW33	MW33	MW35	MW35	MW35	MW36
				Sample ID	10FWAMW32-GWF	10FWAMW32-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW36-GWF
				Lab Sample ID	22682-3	22682-3	22682-1	22682-1	22682-1	22610-1	22610-1	22610-1	22610-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	2,4-DB	94-82-6	mg/L		-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	Dalapon	75-99-0	mg/L		-	ND [0.00042]	-	-	ND [0.00039]	-	-	ND [0.00039]	-
SW8151A	Dicamba	1918-00-9	mg/L		-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8151A	Dinoseb	88-85-7	mg/L		-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00024]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	ND [0.001]	-	-	0.00068 [0.001] J	-	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	-	-	0.00047 [0.001] J	-	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	ND [0.001]	-	-	0.00089 [0.001] J	-	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	-	-	0.0045 [0.01] J	-	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	ND [0.001]	-	-	0.0011 [0.001]	-	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	-	-	0.0024 [0.005] J	-	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	-	ND [0.01]	-	-	0.0032 [0.01] J	-	-	ND [0.01]	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW32	MW32	MW33	MW33	MW33	MW35	MW35	MW35	MW36
				Sample ID	10FWAMW32-GWF	10FWAMW32-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW36-GWF
				Lab Sample ID	22682-3	22682-3	22682-1	22682-1	22682-1	22610-1	22610-1	22610-1	22610-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	-	-	0.0007 [0.001] J	-	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	ND [0.001]	-	-	0.00063 [0.001] J	-	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Toluene	108-88-3	mg/L	1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	0.00068 [0.0007] J	-	-	0.001 [0.0007]	-	-	0.00027 [0.0007] J	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	0.000051 [0.0005] J	-	-	0.000094 [0.0005] J	-	-	ND [0.0005]	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	ND [0.0005]	-	-	0.000059 [0.0005] J	-	-	ND [0.0005]	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	0.00011 [0.0005] J, B	-	-	0.00011 [0.0005] J, B	-	-	0.00012 [0.0005] J, B	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.0005]	-	-	0.000055 [0.0005] J	-	-	0.000057 [0.0005] J	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	0.000034 [0.0002] J	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	ND [0.00029]	-	-	ND [0.0029]	-	-	ND [0.00029]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	ND [0.00019]	-	-	ND [0.0019]	-	-	0.00011 [0.0002] J	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	ND [0.00049]	-	-	ND [0.0049]	-	-	ND [0.00049]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	ND [0.0024]	-	-	ND [0.024]	-	-	ND [0.0025]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW32	MW32	MW33	MW33	MW33	MW35	MW35	MW35	MW36
				Sample ID	10FWAMW32-GWF	10FWAMW32-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW36-GWF
				Lab Sample ID	22682-3	22682-3	22682-1	22682-1	22682-1	22610-1	22610-1	22610-1	22610-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	ND [0.000029]	-	-	ND [0.00029]	-	-	ND [0.000029]	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	ND [0.0019]	-	-	ND [0.019]	-	-	ND [0.002]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000097]	-	-	ND [0.00097]	-	-	ND [0.000098]	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	ND [0.00097]	-	-	ND [0.0097]	-	-	ND [0.00098]	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	-	ND [0.00039]	-	-	ND [0.0039]	-	-	ND [0.00039]	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	ND [0.00029]	-	-	ND [0.0029]	-	-	ND [0.00029]	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00097]	-	-	ND [0.0097]	-	-	ND [0.00098]	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.000049]	-	-	ND [0.00049]	-	-	ND [0.000049]	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.000039]	-	-	ND [0.00039]	-	-	ND [0.000039]	-
SW8270	Anthracene	120-12-7	mg/L	11	-	ND [0.000019]	-	-	ND [0.00019]	-	-	ND [0.00002]	-
SW8270	Azobenzene	103-33-3	mg/L		-	ND [0.00049]	-	-	ND [0.0049]	-	-	ND [0.00049]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.000029]	-	-	ND [0.00029]	-	-	ND [0.000029]	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	-	ND [0.00019]	-	-	ND [0.00002]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.000039]	-	-	ND [0.00039]	-	-	ND [0.000039]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.000029]	-	-	ND [0.00029]	-	-	ND [0.000029]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.000029]	-	-	ND [0.00029]	-	-	ND [0.000029]	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	0.00058 [0.00097] J	-	-	ND [0.0097]	-	-	0.00043 [0.00098] J	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	0.000041 [0.00019] J	-	-	ND [0.0019]	-	-	0.000026 [0.0002] J, B	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	ND [0.00029]	-	-	ND [0.0029]	-	-	0.0001 [0.00029] J,JL+, B	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	0.019 [0.0073]	-	-	ND [0.015]	-	-	ND [0.0015]	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	ND [0.000019]	-	-	ND [0.00019]	-	-	ND [0.00002]	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.000029]	-	-	ND [0.00029]	-	-	ND [0.000029]	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	0.000076 [0.00019] J	-	-	ND [0.0019]	-	-	0.000054 [0.0002] J, B	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	0.00012 [0.00019] J	-	-	ND [0.0019]	-	-	0.00011 [0.0002] J,B	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.000024]	-	-	ND [0.00024]	-	-	ND [0.000025]	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	ND [0.000029]	-	-	ND [0.00029]	-	-	ND [0.000029]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW32	MW32	MW33	MW33	MW33	MW35	MW35	MW35	MW36
				Sample ID	10FWAMW32-GWF	10FWAMW32-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW33-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW35-GWF	10FWAMW36-GWF
				Lab Sample ID	22682-3	22682-3	22682-1	22682-1	22682-1	22610-1	22610-1	22610-1	22610-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	11/1/2010	11/1/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.00029]	-	-	ND [0.0029]	-	-	ND [0.00029]	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	ND [0.00029]	-	-	ND [0.0029]	-	-	ND [0.00029]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.000029]	-	-	ND [0.00029]	-	-	ND [0.000029]	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	ND [0.00097]	-	-	ND [0.0097]	-	-	ND [0.00098]	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	ND [0.00019]	-	-	ND [0.0019]	-	-	ND [0.0002]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.00034]	-	-	ND [0.0034]	-	-	ND [0.00034]	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	ND [0.000039]	-	-	ND [0.00039]	-	-	ND [0.000039]	-
SW8270	Phenol	108-95-2	mg/L	11	-	ND [0.00029]	-	-	ND [0.0029]	-	-	0.000028 [0.00029] J	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	ND [0.000029]	-	-	ND [0.00029]	-	-	ND [0.000029]	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.000098] JS-	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.000098] JS-	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.00049]	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.00049]	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.00049]	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.000098] JS-	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.000098] JS-	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.0098]	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.000098] JS-	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.00049]	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.000098] JS-	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.0098]	-	-	ND [0.001]	-	-	ND [0.0011]
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.00049]	-	-	ND [0.0001]	-	-	ND [0.00011]
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.00049]	-	-	ND [0.0001]	-	-	ND [0.00011]

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW36	MW36	MW37	MW37	MW37	MW38	MW38	MW39	MW39
				Sample ID	10FWAMW36-GWF	10FWAMW36-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW38-GWF	10FWAMW38-GWF	10FWAMW39-GWBF	10FWAMW39-GWBF
				Lab Sample ID	22610-8	22645-11	22682-7	22682-7	22682-7	22645-3	22645-3	22489-3	22489-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/31/2010	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000013]	-	-	-	0.000014 [0.000012]	-	ND [0.000013]	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	0.0000016 [0.0000098] J	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	0.0000084 [0.0000098] J	-	-	-	0.0000049 [0.0000096] J	-	ND [0.0000097]	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000012 [0.0000098] J, B	-	-	-	ND [0.0000096]	-	0.0000018 [0.0000097] J	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000098]	-	-	-	ND [0.0000096]	-	ND [0.0000097]	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	-	-	-	ND [0.05]	-	ND [0.05]	-	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	-	0.075 [0.1] J	-	-	0.3 [0.096]	-	0.19 [0.12]	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.081 [0.1] J	-	-	0.095 [0.096] J	-	0.2 [0.12]	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	24 [5]	-	-	-	-	3.2 [5] J, JD
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	210 [5]	-	-	-	-	240 [5] JD
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	ND [0.05]	-	-	-	-	0.22 [0.05]
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	0.63 [0.05]	-	-	-	-	ND [0.05]
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	ND [0.1]	-	-	-	-	0.16 [0.1] B
RSK175	Methane	30479	mg/L		-	-	-	0.0073 [0.00019]	-	-	-	-	0.4 [0.00019]
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	-	-	ND [1]	-	ND [1]	-	-
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	-	-	ND [2.5]	-	ND [2.5]	-	-
SW6010B	Calcium	7440-70-2	mg/L		84 [1.1]	-	-	-	77 [1.1]	-	110 [1.1]	-	-
SW6010B	Magnesium	7439-95-4	mg/L		20 [1.1]	-	-	-	18 [1.1]	-	21 [1.1]	-	-
SW6010B	Potassium	7440-09-7	mg/L		6 [3.3]	-	-	-	4.5 [3.3]	-	5.8 [3.3]	-	-
SW6010B	Sodium	7440-23-5	mg/L		7.1 [2]	-	-	-	5 [2]	-	5.9 [2]	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	0.0035 [0.002]	-	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.0033 [0.002]	-	-	-	ND [0.002]	-	0.0066 [0.002]	-	-
SW6020	Barium	7440-39-3	mg/L	2	0.038 [0.006]	-	-	-	0.12 [0.006]	-	0.2 [0.006]	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	0.0004 [0.002] J	-	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	0.0036 [0.002]	-	-	-	0.0037 [0.002]	-	0.0026 [0.002] B	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW36	MW36	MW37	MW37	MW37	MW38	MW38	MW39	MW39
				Sample ID	10FWAMW36-GWF	10FWAMW36-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW38-GWF	10FWAMW38-GWF	10FWAMW39-GWBF	10FWAMW39-GWBF
				Lab Sample ID	22610-8	22645-11	22682-7	22682-7	22682-7	22645-3	22645-3	22489-3	22489-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/31/2010	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW6020	Cobalt	7440-48-4	mg/L		0.018 [0.002]	-	-	-	0.0003 [0.002] J	-	0.00056 [0.002] J	-	-
SW6020	Copper	7440-50-8	mg/L	1	0.01 [0.005]	-	-	-	0.0024 [0.005] J	-	0.00087 [0.005] J	-	-
SW6020	Iron	7439-89-6	mg/L		0.044 [0.2] J	-	-	-	0.074 [0.2] J, JM+	-	7.8 [0.2] JM+	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	ND [0.002]	-	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Manganese	7439-96-5	mg/L		0.0022 [0.002]	-	-	-	0.15 [0.002]	-	0.93 [0.002]	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	0.047 [0.002]	-	-	-	0.0034 [0.002]	-	0.003 [0.002]	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	0.0068 [0.002]	-	-	-	0.00061 [0.002] J	-	0.0018 [0.002] J	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	0.00008 [0.004] J	-	-	-	ND [0.004]	-	ND [0.004]	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.013 [0.01]	-	-	-	0.0023 [0.01] J, B	-	0.0014 [0.01] J, B	-	-
SW6020	Zinc	7440-66-6	mg/L	5	0.0026 [0.007] J	-	-	-	0.0025 [0.007] J	-	ND [0.007]	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	-	-	ND [0.0002]	-	ND [0.0002]	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000094]	-	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000094]	-	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000094]	-	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000094]	-	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000047]	-	-	-	ND [0.000049]	-	ND [0.000048]	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000094]	-	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000094]	-	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000094]	-	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000094]	-	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000094]	-	-	-	ND [0.000097]	-	ND [0.000096]	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00094]	-	-	-	ND [0.00097]	-	ND [0.00096]	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW36	MW36	MW37	MW37	MW37	MW38	MW38	MW39	MW39
				Sample ID	10FWAMW36-GWF	10FWAMW36-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW38-GWF	10FWAMW38-GWF	10FWAMW39-GWBF	10FWAMW39-GWBF
				Lab Sample ID	22610-8	22645-11	22682-7	22682-7	22682-7	22645-3	22645-3	22489-3	22489-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/31/2010	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00025]	-	-	-	ND [0.00024]	-	ND [0.00025]	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00025]	-	-	-	ND [0.00024]	-	ND [0.00025]	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00025]	-	-	-	ND [0.00024]	-	ND [0.00025]	-	-
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00025]	-	-	-	ND [0.00024]	-	ND [0.00025]	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00025]	-	-	-	ND [0.00024]	-	ND [0.00025]	-	-
SW8151A	Dalapon	75-99-0	mg/L		ND [0.0004]	-	-	-	ND [0.00038]	-	ND [0.0004]	-	-
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00025]	-	-	-	ND [0.00024]	-	ND [0.00025]	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00025]	-	-	-	ND [0.00024]	-	ND [0.00025]	-	-
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00025]	-	-	-	ND [0.00024]	-	ND [0.00025]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	-	-	ND [0.002]	-	ND [0.002]	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	-	-	ND [0.01]	-	ND [0.01]	-	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	-	-	ND [0.005]	-	ND [0.005]	-	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	-	-	ND [0.005]	-	ND [0.005]	-	-
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.01]	-	-	-	ND [0.01]	-	ND [0.01]	-	-
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	-	-	ND [0.005]	-	ND [0.005]	-	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	-	-	ND [0.005]	-	ND [0.005]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW36	MW36	MW37	MW37	MW37	MW38	MW38	MW39	MW39
				Sample ID	10FWAMW36-GWF	10FWAMW36-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW38-GWF	10FWAMW38-GWF	10FWAMW39-GWBF	10FWAMW39-GWBF
				Lab Sample ID	22610-8	22645-11	22682-7	22682-7	22682-7	22645-3	22645-3	22489-3	22489-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/31/2010	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	-	-	ND [0.005]	-	ND [0.005]	-	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	-	-	ND [0.001]	-	0.00017 [0.001] J	-	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.003]	-	-	-	ND [0.003]	-	ND [0.003]	-	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	-	-	ND [0.001]	-	0.00021 [0.001] J	-	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	-	-	ND [0.002]	-	ND [0.002]	-	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	-	-	ND [0.0004]	-	ND [0.0004]	-	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.000065 [0.0007] J	-	-	-	0.00042 [0.0007] J	-	0.000068 [0.0007] J	-	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	-	-	ND [0.0001]	-	ND [0.0001]	-	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	-	-	-	ND [0.0005]	-	ND [0.0005]	-	-
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	-	-	ND [0.0005]	-	ND [0.0005]	-	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	-	-	ND [0.0005]	-	ND [0.0005]	-	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.00016 [0.0005] J, B	-	-	-	0.00011 [0.0005] J, B	-	0.00012 [0.0005] J, B	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	-	-	ND [0.0005]	-	0.00023 [0.0005] J, B	-	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	-	-	ND [0.0002]	-	ND [0.0002]	-	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	0.000015 [0.0002] J	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.00029]	-	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	0.00077 [0.0002]	-	-	-	0.000048 [0.00019] J	-	0.000035 [0.00019] J	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00049]	-	-	-	ND [0.00048]	-	ND [0.00049]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0025]	-	-	-	ND [0.0024]	-	ND [0.0024]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	0.000056 [0.0002] J	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-

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				Sample ID	10FWAMW36-GWF	10FWAMW36-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW38-GWF	10FWAMW38-GWF	10FWAMW39-GWBF	10FWAMW39-GWBF
				Lab Sample ID	22610-8	22645-11	22682-7	22682-7	22682-7	22645-3	22645-3	22489-3	22489-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/31/2010	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.000029]	-	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.002]	-	-	-	ND [0.0019]	-	ND [0.0019]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000098]	-	-	-	ND [0.000096]	-	ND [0.000097]	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00098]	-	-	-	ND [0.00096]	-	ND [0.00097]	-	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	0.0000098 [0.00039] J	-	-	-	ND [0.00038]	-	0.000022 [0.00039] J	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.00029]	-	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00098]	-	-	-	ND [0.00096]	-	ND [0.00097]	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.000049]	-	-	-	ND [0.000048]	-	ND [0.000049]	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000039]	-	-	-	ND [0.000038]	-	ND [0.000039]	-	-
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.00002]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00049]	-	-	-	ND [0.00048]	-	ND [0.00049]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000029]	-	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000039]	-	-	-	ND [0.000038]	-	ND [0.000039]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000029]	-	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000029]	-	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	0.00034 [0.00098] J	-	-	-	0.00039 [0.00096] J	-	0.00041 [0.00097] J	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		0.000027 [0.0002] J, B	-	-	-	0.000028 [0.00019] J	-	0.000048 [0.00019] J	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	0.00013 [0.00029] J,JL+, B	-	-	-	ND [0.00029]	-	0.00016 [0.00029] J	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0015]	-	-	-	ND [0.0014]	-	0.00068 [0.0015] J	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.00002]	-	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000029]	-	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000062 [0.0002] J, B	-	-	-	0.000054 [0.00019] J	-	0.000034 [0.00019] J	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	0.0000083 [0.0002] J	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.00014 [0.0002] J,B	-	-	-	0.000077 [0.00019] J	-	0.000098 [0.00019] J	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000025]	-	-	-	ND [0.000024]	-	ND [0.000024]	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.000029]	-	-	-	ND [0.000029]	-	ND [0.000029]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW36	MW36	MW37	MW37	MW37	MW38	MW38	MW39	MW39
				Sample ID	10FWAMW36-GWF	10FWAMW36-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW37-GWF	10FWAMW38-GWF	10FWAMW38-GWF	10FWAMW39-GWBF	10FWAMW39-GWBF
				Lab Sample ID	22610-8	22645-11	22682-7	22682-7	22682-7	22645-3	22645-3	22489-3	22489-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/31/2010	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00029]	-	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00029]	-	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000029]	-	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	0.00001 [0.0002] J	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00098]	-	-	-	ND [0.00096]	-	ND [0.00097]	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.0002]	-	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	0.00008 [0.00034] J	-	-	-	ND [0.00034]	-	ND [0.00034]	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000039]	-	-	-	ND [0.000038]	-	ND [0.000039]	-	-
SW8270	Phenol	108-95-2	mg/L	11	ND [0.00029]	-	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000029]	-	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.00048]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.00048]	-	-	ND [0.001]	-	ND [0.00051]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.000096]	-	-	ND [0.0001]	-	ND [0.0001]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW43	MW43
				Sample ID	10FWAMW39-GWBF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW40-GWF	10FWAMW40-GWF	10FWAMW43-GWF	10FWAMW43-GWF
				Lab Sample ID	22489-3	22489-2	22489-2	22489-2	22489-1	22489-1	22645-4	22645-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/31/2010	10/31/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000013]	-	-	ND [0.000013]	-	ND [0.000012]	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000099]	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000021 [0.0000099] J, B	-	-	0.0000012 [0.0000097] J, B	-	0.0000011 [0.0000096] J, B	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	0.0000017 [0.0000099] J, B	-	-	ND [0.0000097]	-	ND [0.0000096]	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	-	-	ND [0.05]	-	ND [0.05]	-	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	0.083 [0.1] J	-	-	0.074 [0.11] J	-	0.094 [0.096] J	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.09 [0.1] J	-	-	0.078 [0.11] J	-	0.087 [0.096] J	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	68 [5] JD	-	-	-	-	57 [5]
E310.1	Alkalinity, Total	10300	mg/L		-	-	170 [5] JD	-	-	-	-	380 [5]
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	0.22 [0.05]	-	-	-	-	0.048 [0.05] J
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	ND [0.05]	-	-	-	-	3 [0.25]
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	0.16 [0.1] B	-	-	-	-	0.026 [0.1] J
RSK175	Methane	30479	mg/L		-	-	0.41 [0.00019] JM+	-	-	-	-	0.023 [0.00019]
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	-	ND [1]	-	ND [1]	-	-
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	-	ND [2.5]	-	ND [2.5]	-	-
SW6010B	Calcium	7440-70-2	mg/L		67 [1.1]	-	-	67 [1.1]	-	68 [1.1]	-	-
SW6010B	Magnesium	7439-95-4	mg/L		16 [1.1]	-	-	15 [1.1]	-	16 [1.1]	-	-
SW6010B	Potassium	7440-09-7	mg/L		5.2 [3.3]	-	-	5.3 [3.3]	-	5.6 [3.3]	-	-
SW6010B	Sodium	7440-23-5	mg/L		10 [2]	-	-	10 [2]	-	10 [2]	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.0049 [0.002]	-	-	0.0054 [0.002]	-	0.012 [0.002]	-	-
SW6020	Barium	7440-39-3	mg/L	2	0.24 [0.006]	-	-	0.24 [0.006]	-	0.27 [0.006]	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	0.0022 [0.002]	-	-	0.0015 [0.002] J	-	0.0021 [0.002]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW43	MW43
				Sample ID	10FWAMW39-GWBF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW40-GWF	10FWAMW40-GWF	10FWAMW43-GWF	10FWAMW43-GWF
				Lab Sample ID	22489-3	22489-2	22489-2	22489-2	22489-1	22489-1	22645-4	22645-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/31/2010	10/31/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW6020	Cobalt	7440-48-4	mg/L		0.00016 [0.002] J	-	-	0.00016 [0.002] J	-	ND [0.002]	-	-
SW6020	Copper	7440-50-8	mg/L	1	0.00048 [0.005] J	-	-	0.00031 [0.005] J	-	0.00045 [0.005] J	-	-
SW6020	Iron	7439-89-6	mg/L		8.2 [0.2]	-	-	8.5 [0.2]	-	9.2 [0.2]	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	ND [0.002]	-	-	ND [0.002]	-	0.0003 [0.002] J	-	-
SW6020	Manganese	7439-96-5	mg/L		0.74 [0.002]	-	-	0.76 [0.002]	-	0.74 [0.002]	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	0.0012 [0.002] J	-	-	0.0012 [0.002] J	-	0.0012 [0.002] J	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	0.00018 [0.004] J, B	-	-	ND [0.004]	-	0.0002 [0.004] J, B	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.0009 [0.01] J, B	-	-	ND [0.01]	-	ND [0.01]	-	-
SW6020	Zinc	7440-66-6	mg/L	5	0.0027 [0.007] J	-	-	0.0046 [0.007] J	-	0.0024 [0.007] J	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.00002]	-	-	ND [0.000021]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.00002]	-	-	ND [0.000021]	-	ND [0.000019]	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.00002]	-	-	ND [0.000021]	-	ND [0.000019]	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000098]	-	-	ND [0.00001]	-	ND [0.0000096]	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000098]	-	-	ND [0.00001]	-	ND [0.0000096]	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000098]	-	-	ND [0.00001] JM-	-	ND [0.0000096]	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.00002]	-	-	ND [0.000021] JM-	-	ND [0.000019]	-	-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000098]	-	-	ND [0.00001]	-	ND [0.0000096]	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.00002]	-	-	ND [0.000021]	-	ND [0.000019]	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.00002]	-	-	ND [0.000021]	-	ND [0.000019]	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.00002]	-	-	ND [0.000021]	-	ND [0.000019]	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.00002]	-	-	ND [0.000021]	-	ND [0.000019]	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.00002]	-	-	ND [0.000021]	-	ND [0.000019]	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000049]	-	-	ND [0.000052]	-	ND [0.000048]	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.00002]	-	-	ND [0.000021] JM-	-	ND [0.000019]	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000098]	-	-	ND [0.00001]	-	ND [0.0000096]	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000098]	-	-	ND [0.00001]	-	ND [0.0000096]	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000098]	-	-	ND [0.00001]	-	ND [0.0000096]	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000098]	-	-	ND [0.00001]	-	ND [0.0000096]	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000098]	-	-	ND [0.0001]	-	ND [0.000096]	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00098]	-	-	ND [0.001]	-	ND [0.00096]	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW43	MW43
				Sample ID	10FWAMW39-GWBF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW40-GWF	10FWAMW40-GWF	10FWAMW43-GWF	10FWAMW43-GWF
				Lab Sample ID	22489-3	22489-2	22489-2	22489-2	22489-1	22489-1	22645-4	22645-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/31/2010	10/31/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00028]	-	-	ND [0.00026]	-	ND [0.00025]	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00028]	-	-	ND [0.00026]	-	ND [0.00025]	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00028]	-	-	ND [0.00026]	-	ND [0.00025]	-	-
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00028]	-	-	ND [0.00026]	-	ND [0.00025]	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00028]	-	-	ND [0.00026]	-	ND [0.00025]	-	-
SW8151A	Dalapon	75-99-0	mg/L		ND [0.00044]	-	-	ND [0.00041]	-	ND [0.00039]	-	-
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00028]	-	-	ND [0.00026]	-	ND [0.00025]	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00028]	-	-	ND [0.00026]	-	ND [0.00025]	-	-
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00028]	-	-	ND [0.00026]	-	ND [0.00025]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]	-	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	-
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]	-	-
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	-

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				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW43	MW43
				Sample ID	10FWAMW39-GWBF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW40-GWF	10FWAMW40-GWF	10FWAMW43-GWF	10FWAMW43-GWF
				Lab Sample ID	22489-3	22489-2	22489-2	22489-2	22489-1	22489-1	22645-4	22645-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/31/2010	10/31/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]	-	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.003]	-	-	ND [0.003]	-	ND [0.003]	-	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]	-	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	-	ND [0.001]	-	0.00021 [0.001] J	-	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]	-	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	-	ND [0.0004]	-	ND [0.0004]	-	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.0007]	-	-	ND [0.0007]	-	ND [0.0007]	-	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	-	ND [0.0001]	-	ND [0.0001]	-	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.000027 [0.0005] J	-	-	0.000033 [0.0005] J	-	0.00033 [0.0005] J	-	-
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]	-	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]	-	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	0.000073 [0.0005] J	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	0.000035 [0.0005] J	-	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	0.00021 [0.0002]	-	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.0003]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.0005]	-	-	ND [0.00049]	-	ND [0.00048]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0025]	-	-	ND [0.0024]	-	ND [0.0024]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-

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				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW43	MW43
				Sample ID	10FWAMW39-GWBF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW40-GWF	10FWAMW40-GWF	10FWAMW43-GWF	10FWAMW43-GWF
				Lab Sample ID	22489-3	22489-2	22489-2	22489-2	22489-1	22489-1	22645-4	22645-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/31/2010	10/31/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]								
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.00003]	-	-	ND [0.000029] JM-	-	ND [0.000029]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.002]	-	-	ND [0.0019]	-	ND [0.0019]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000099]	-	-	ND [0.000097]	-	ND [0.000096]	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00099]	-	-	ND [0.00097]	-	ND [0.00096]	-	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	ND [0.0004]	-	-	ND [0.00039]	-	ND [0.00038]	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.0003]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00099]	-	-	ND [0.00097]	-	ND [0.00096]	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.00005]	-	-	ND [0.000049]	-	ND [0.000048]	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.00004]	-	-	ND [0.000039]	-	ND [0.000038]	-	-
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.00002]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Azobenzene	103-33-3	mg/L		ND [0.0005]	-	-	ND [0.00049]	-	ND [0.00048]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.00003]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.00004]	-	-	ND [0.000039]	-	ND [0.000038]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.00003]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.00003]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	0.00037 [0.00099] J	-	-	0.0004 [0.00097] J	-	0.0006 [0.00096] J	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		0.000066 [0.0002] J, B	-	-	0.000036 [0.00019] J, B	-	ND [0.00019]	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	ND [0.0003]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	0.0041 [0.0015]	-	-	ND [0.0015]	-	ND [0.0014]	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.00002]	-	-	ND [0.000019]	-	ND [0.000019]	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.00003]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.0002]	-	-	ND [0.00019] JM-	-	ND [0.00019]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000036 [0.0002] J, B	-	-	0.000028 [0.00019] J, B	-	0.000035 [0.00019] J, B	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.000072 [0.0002] J,B	-	-	0.000052 [0.00019] J	-	0.000073 [0.00019] J,B	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000025]	-	-	ND [0.000024]	-	ND [0.000024]	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.00003]	-	-	ND [0.000029]	-	ND [0.000029]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW39	MW39	MW39	MW39	MW40	MW40	MW43	MW43
				Sample ID	10FWAMW39-GWBF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW39-GWF	10FWAMW40-GWF	10FWAMW40-GWF	10FWAMW43-GWF	10FWAMW43-GWF
				Lab Sample ID	22489-3	22489-2	22489-2	22489-2	22489-1	22489-1	22645-4	22645-4
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/31/2010	10/31/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TATW	TADC	TASG
				QA/QC	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**								
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.0003]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.0003]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.00003]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00099]	-	-	ND [0.00097]	-	ND [0.00096]	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.00019]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.0002]	-	-	ND [0.00019] JM-	-	ND [0.00019]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00035] R	-	-	ND [0.00034] R	-	0.000041 [0.00034] R	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.00004]	-	-	ND [0.000039]	-	ND [0.000038]	-	-
SW8270	Phenol	108-95-2	mg/L	11	ND [0.0003]	-	-	ND [0.00029]	-	ND [0.00029]	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.00003]	-	-	ND [0.000029]	-	ND [0.000029]	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.0006]	-	-	ND [0.00049]	-	ND [0.00098]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.00012]	-	-	ND [0.000099]	-	ND [0.000098]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW43	MW45	MW45	MW45	MW47	MW47	MW47	MW48	MW48
				Sample ID	10FWAMW43-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW48-GWF	10FWAMW48-GWF
				Lab Sample ID	22645-4	22645-7	22645-7	22645-7	22489-6	22489-6	22489-6	22489-8	22489-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000013]	-	-	ND [0.000013]	-	-	ND [0.000013]	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000097]	-	-	ND [0.0000097]	-	-	0.0000013 [0.0000097] J	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000013 [0.0000097] J	-	-	0.0000015 [0.0000097] J	-	-	0.0000013 [0.0000097] J, B	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000097]	-	-	ND [0.0000097]	-	-	0.0000017 [0.0000097] J,B	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	-	-	ND [0.05]	-	-	ND [0.05]	-	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	0.11 [0.11]	-	-	0.1 [0.098]	-	-	0.11 [0.1]	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.13 [0.11]	-	-	0.13 [0.098]	-	-	0.1 [0.1]	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	41 [5]	-	-	5.6 [5]	-	-	50 [5]
E310.1	Alkalinity, Total	10300	mg/L		-	-	330 [5]	-	-	220 [5]	-	-	330 [5]
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	0.19 [0.05]	-	-	0.095 [0.05]	-	-	0.12 [0.05]
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	0.045 [0.05] J	-	-	0.057 [0.05]	-	-	0.14 [0.05]
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	0.064 [0.1] J	-	-	0.57 [0.1] B	-	-	0.042 [0.1] J, B
RSK175	Methane	30479	mg/L		-	-	0.037 [0.00019]	-	-	0.059 [0.00019]	-	-	0.0045 [0.00019]
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	-	ND [1]	-	-	ND [1]	-	-
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-	-
SW6010B	Calcium	7440-70-2	mg/L		130 [1.1]	-	-	110 [1.1]	-	-	64 [1.1]	-	-
SW6010B	Magnesium	7439-95-4	mg/L		32 [1.1]	-	-	28 [1.1]	-	-	15 [1.1]	-	-
SW6010B	Potassium	7440-09-7	mg/L		6.1 [3.3]	-	-	6.3 [3.3]	-	-	5.5 [3.3]	-	-
SW6010B	Sodium	7440-23-5	mg/L		5.6 [2]	-	-	8.2 [2]	-	-	8.7 [2]	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	ND [0.002]	-	-	0.0076 [0.002]	-	-	0.00057 [0.002] J	-	-
SW6020	Barium	7440-39-3	mg/L	2	0.17 [0.006]	-	-	0.39 [0.006]	-	-	0.11 [0.006]	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	0.003 [0.002] B	-	-	0.0033 [0.002] B	-	-	0.0023 [0.002]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW43	MW45	MW45	MW45	MW47	MW47	MW47	MW48	MW48
				Sample ID	10FWAMW43-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW48-GWF	10FWAMW48-GWF
				Lab Sample ID	22645-4	22645-7	22645-7	22645-7	22489-6	22489-6	22489-6	22489-8	22489-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW6020	Cobalt	7440-48-4	mg/L		0.00043 [0.002] J	-	-	0.00066 [0.002] J	-	-	0.00057 [0.002] J	-	-
SW6020	Copper	7440-50-8	mg/L	1	0.0026 [0.005] J	-	-	0.001 [0.005] J	-	-	0.0021 [0.005] J	-	-
SW6020	Iron	7439-89-6	mg/L		0.11 [0.2] J, JM+	-	-	15 [0.2] JM+	-	-	0.046 [0.2] J	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Manganese	7439-96-5	mg/L		0.1 [0.002]	-	-	0.71 [0.002]	-	-	0.38 [0.002]	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	0.0038 [0.002]	-	-	0.003 [0.002]	-	-	0.003 [0.002]	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	0.014 [0.002]	-	-	0.00034 [0.002] J	-	-	ND [0.002]	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	ND [0.004]	-	-	0.00008 [0.004] J	-	-	ND [0.004]	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	ND [0.01]	-	-	0.003 [0.01] J, B	-	-	ND [0.01]	-	-
SW6020	Zinc	7440-66-6	mg/L	5	0.0026 [0.007] J	-	-	ND [0.007]	-	-	0.0032 [0.007] J	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	ND [1] JH
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	ND [1] JH
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	ND [5] JH
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	ND [1] JH
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	ND [1] JH
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	ND [1] JH
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	ND [1] JH
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	ND [1] JH
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	ND [5] JH
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	ND [1] JH
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000048]	-	-	ND [0.000049]	-	-	ND [0.000049]	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000096]	-	-	ND [0.000097]	-	-	ND [0.000098]	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00096]	-	-	ND [0.00097]	-	-	ND [0.00098]	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-	-

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				Loc ID	MW43	MW45	MW45	MW45	MW47	MW47	MW47	MW48	MW48
				Sample ID	10FWAMW43-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW48-GWF	10FWAMW48-GWF
				Lab Sample ID	22645-4	22645-7	22645-7	22645-7	22489-6	22489-6	22489-6	22489-8	22489-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00025]	-	-	ND [0.00024]	-	-	ND [0.00026]	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00025]	-	-	ND [0.00024]	-	-	0.000083 [0.00026] J	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00025]	-	-	ND [0.00024]	-	-	ND [0.00026]	-	-
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00025]	-	-	ND [0.00024]	-	-	ND [0.00026]	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00025]	-	-	ND [0.00024]	-	-	ND [0.00026]	-	-
SW8151A	Dalapon	75-99-0	mg/L		ND [0.0004]	-	-	ND [0.00039]	-	-	ND [0.00041]	-	-
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00025]	-	-	ND [0.00024]	-	-	ND [0.00026]	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00025]	-	-	ND [0.00024]	-	-	ND [0.00026]	-	-
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00025]	-	-	ND [0.00024]	-	-	ND [0.00026]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	-	ND [0.001]	-	-	0.0004 [0.001] J	-	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	-
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW43	MW45	MW45	MW45	MW47	MW47	MW47	MW48	MW48
				Sample ID	10FWAMW43-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW48-GWF	10FWAMW48-GWF
				Lab Sample ID	22645-4	22645-7	22645-7	22645-7	22489-6	22489-6	22489-6	22489-8	22489-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	0.00027 [0.001] J	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.0008 [0.001] J	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.00023 [0.0007] J	-	-	0.00037 [0.0007] J	-	-	ND [0.0007]	-	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.00011 [0.0005] J, B	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.00093 [0.0005]	-	-	0.00006 [0.0005] J, B	-	-	ND [0.0005]	-	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	0.000014 [0.0002] J	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.00019]	-	-	0.000038 [0.00019] J	-	-	0.000027 [0.00019] J	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	ND [0.00019]	-	-	0.000022 [0.00019] J	-	-	0.000018 [0.00019] J	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00049]	-	-	ND [0.00049]	-	-	ND [0.00049]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0024]	-	-	ND [0.0024]	-	-	ND [0.0024]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW43	MW45	MW45	MW45	MW47	MW47	MW47	MW48	MW48
				Sample ID	10FWAMW43-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW48-GWF	10FWAMW48-GWF
				Lab Sample ID	22645-4	22645-7	22645-7	22645-7	22489-6	22489-6	22489-6	22489-8	22489-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.0019]	-	-	ND [0.0019]	-	-	ND [0.0019]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000097]	-	-	ND [0.000097]	-	-	ND [0.000097]	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00097]	-	-	ND [0.00097]	-	-	ND [0.00097]	-	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	ND [0.00039]	-	-	0.000014 [0.00039] J	-	-	0.000014 [0.00039] J	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		0.000029 [0.00019] J	-	-	0.000022 [0.00019] J	-	-	ND [0.00019]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00097]	-	-	ND [0.00097]	-	-	ND [0.00097]	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.000049]	-	-	ND [0.000049]	-	-	ND [0.000049]	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000039]	-	-	ND [0.000039]	-	-	ND [0.000039]	-	-
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]	-	-
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00049]	-	-	ND [0.00049]	-	-	ND [0.00049]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000039]	-	-	ND [0.000039]	-	-	ND [0.000039]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	0.00035 [0.00097] J	-	-	0.00037 [0.00097] J	-	-	0.00037 [0.00097] J	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		0.000056 [0.00019] J	-	-	0.000032 [0.00019] J	-	-	0.000047 [0.00019] J, B	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	0.00013 [0.00029] J	-	-	0.00013 [0.00029] J	-	-	0.000093 [0.00029] J	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0015]	-	-	ND [0.0015]	-	-	ND [0.0015]	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.000019]	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000029 [0.00019] J	-	-	0.000032 [0.00019] J	-	-	0.00005 [0.00019] J, B	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.000065 [0.00019] J	-	-	0.00008 [0.00019] J	-	-	0.000071 [0.00019] J,B	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000024]	-	-	ND [0.000024]	-	-	ND [0.000024]	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW43	MW45	MW45	MW45	MW47	MW47	MW47	MW48	MW48
				Sample ID	10FWAMW43-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW45-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW47-GWF	10FWAMW48-GWF	10FWAMW48-GWF
				Lab Sample ID	22645-4	22645-7	22645-7	22645-7	22489-6	22489-6	22489-6	22489-8	22489-8
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00097]	-	-	ND [0.00097]	-	-	ND [0.00097]	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00034]	-	-	ND [0.00034]	-	-	0.000025 [0.00034] R	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000039]	-	-	ND [0.000039]	-	-	ND [0.000039]	-	-
SW8270	Phenol	108-95-2	mg/L	11	ND [0.00029]	-	-	0.000024 [0.00029] J	-	-	ND [0.00029]	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.000097]	-	-	ND [0.0005]	-	-	ND [0.0001]	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.00097]	-	-	ND [0.0005]	-	-	ND [0.0001]	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.000097]	-	-	ND [0.0001]	-	-	ND [0.0001]	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW48	MW53	MW53	MW53	MW56	MW56	MW56	MW57	MW57
				Sample ID	10FWAMW48-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW57-GWF	10FWAMW57-GWF
				Lab Sample ID	22489-8	22614-8	22614-8	22614-8	22645-6	22645-6	22645-6	22614-6	22614-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/28/2010	10/28/2010	10/28/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000013]	-	-	0.0000047 [0.000013] J	-	-	ND [0.000013]	-	0.0000077 [0.000013] J
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000097]	-	-	0.0000031 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000077 [0.0000099] J
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000097]	-	-	0.000003 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000059 [0.0000099] J
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000097]	-	-	0.000003 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000065 [0.0000099] J
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000097]	-	-	0.0000031 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000054 [0.0000099] J
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019]	-	-	0.0000034 [0.00002] J	-	-	ND [0.000019]	-	0.0000062 [0.00002] J
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000097]	-	-	0.0000034 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000055 [0.0000099] J
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000097]	-	-	0.0000029 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000051 [0.0000099] J
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000097]	-	-	0.0000044 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000068 [0.0000099] J
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.0000097]	-	0.0000058 [0.0000099] J
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000097]	-	-	0.0000031 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000054 [0.0000099] J
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000097]	-	-	0.0000038 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000083 [0.0000099] J
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000097]	-	-	0.0000035 [0.0000098] J	-	-	ND [0.0000097]	-	0.000008 [0.0000099] J
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000097]	-	-	0.000003 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000058 [0.0000099] J
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000097]	-	-	0.0000057 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000079 [0.0000099] J
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000011 [0.0000097] J, B	-	-	0.0000035 [0.0000098] J, B	-	-	ND [0.0000097]	-	0.0000058 [0.0000099] J, B
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000097]	-	-	0.0000036 [0.0000098] J	-	-	ND [0.0000097]	-	0.0000074 [0.0000099] J
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	-	-	ND [0.05]	-	-	ND [0.05]	-	ND [0.05]
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	0.11 [0.098]	-	-	0.092 [0.099] J	-	-	0.24 [0.1]	-	0.077 [0.098] J
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.14 [0.098]	-	-	0.11 [0.099]	-	-	0.14 [0.1]	-	0.11 [0.098]
E300A	Sulfate	14808-79-8	mg/L		-	-	40 [5]	-	-	48 [5]	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	210 [5]	-	-	270 [5]	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	0.12 [0.05]	-	-	0.33 [0.05]	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	0.036 [0.05] J	-	-	ND [0.05]	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	0.037 [0.1] J	-	-	0.085 [0.1] J	-	-	-
RSK175	Methane	30479	mg/L		-	-	0.024 [0.00019]	-	-	0.17 [0.00019]	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	-	-	ND [1]	-	-	ND [1]	-	ND [1]
SW6010B	Boron	7440-42-8	mg/L		ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-	ND [2.5]
SW6010B	Calcium	7440-70-2	mg/L		100 [1.1]	-	-	70 [1.1]	-	-	94 [1.1]	-	82 [1.1]
SW6010B	Magnesium	7439-95-4	mg/L		25 [1.1]	-	-	17 [1.1]	-	-	21 [1.1]	-	21 [1.1]
SW6010B	Potassium	7440-09-7	mg/L		5.9 [3.3]	-	-	3.6 [3.3]	-	-	5.3 [3.3]	-	4 [3.3]
SW6010B	Sodium	7440-23-5	mg/L		11 [2]	-	-	4.4 [2]	-	-	4.7 [2]	-	4.5 [2]
SW6020	Antimony	7440-36-0	mg/L	0.006	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.0068 [0.002]	-	-	ND [0.002]	-	-	0.017 [0.002]	-	ND [0.002]
SW6020	Barium	7440-39-3	mg/L	2	0.36 [0.006]	-	-	0.093 [0.006]	-	-	0.17 [0.006]	-	0.06 [0.006]
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	0.00016 [0.002] J
SW6020	Chromium	7440-47-3	mg/L	0.1	0.0025 [0.002]	-	-	0.0022 [0.002]	-	-	0.0031 [0.002] B	-	0.0025 [0.002]

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				Loc ID	MW48	MW53	MW53	MW53	MW56	MW56	MW56	MW57	MW57
				Sample ID	10FWAMW48-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW57-GWF	10FWAMW57-GWF
				Lab Sample ID	22489-8	22614-8	22614-8	22614-8	22645-6	22645-6	22645-6	22614-6	22614-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/28/2010	10/28/2010	10/28/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW6020	Cobalt	7440-48-4	mg/L		0.0023 [0.002]	-	-	0.00088 [0.002] J	-	-	0.00086 [0.002] J	-	0.002 [0.002]
SW6020	Copper	7440-50-8	mg/L	1	0.002 [0.005] J	-	-	0.002 [0.005] J	-	-	0.00063 [0.005] J	-	0.0022 [0.005] J
SW6020	Iron	7439-89-6	mg/L		11 [0.2]	-	-	0.84 [0.2]	-	-	16 [0.2] JM+	-	6.9 [0.2]
SW6020	Lead	7439-92-1	mg/L	0.015	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Manganese	7439-96-5	mg/L		0.88 [0.002]	-	-	0.49 [0.002]	-	-	1.3 [0.002]	-	0.5 [0.002]
SW6020	Nickel	7440-02-0	mg/L	0.1	0.0047 [0.002]	-	-	0.0031 [0.002]	-	-	0.0024 [0.002]	-	0.0051 [0.002]
SW6020	Selenium	7782-49-2	mg/L	0.05	0.00049 [0.002] J	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW6020	Thallium	7440-28-0	mg/L	0.002	0.000085 [0.004] J, B	-	-	ND [0.004]	-	-	0.00006 [0.004] J	-	0.00007 [0.004] J, B
SW6020	Vanadium	7440-62-2	mg/L	0.26	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]
SW6020	Zinc	7440-66-6	mg/L	5	0.0025 [0.007] J	-	-	0.0041 [0.007] J	-	-	ND [0.007]	-	0.0064 [0.007] J
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-	ND [0.0002]
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	ND [1] JH	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	ND [1] JH	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	ND [5] JH	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	ND [1] JH	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	ND [1] JH	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	ND [1] JH	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	0.62 [1] J,JH	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	ND [1] JH	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	ND [5] JH	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	ND [1] JH	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.0000098]	-	ND [0.0000098]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.0000098]	-	ND [0.0000098]
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000095]	-	-	ND [0.0000098] JL-	-	-	ND [0.0000098]	-	ND [0.0000098] JL-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.000019]	-	-	ND [0.00002] JL-	-	-	ND [0.00002]	-	ND [0.00002] JL-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.0000098]	-	ND [0.0000098]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000048]	-	-	ND [0.000049]	-	-	ND [0.000049]	-	ND [0.000049]
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.00002]	-	ND [0.00002]
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.0000098]	-	ND [0.0000098]
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.0000098]	-	ND [0.0000098]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.0000098]	-	ND [0.0000098]
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000095]	-	-	ND [0.0000098]	-	-	ND [0.0000098]	-	ND [0.0000098]
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000095]	-	-	ND [0.000098]	-	-	ND [0.000098]	-	ND [0.000098]
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00095]	-	-	ND [0.00098]	-	-	ND [0.00098]	-	ND [0.00098]
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW48	MW53	MW53	MW53	MW56	MW56	MW56	MW57	MW57
				Sample ID	10FWAMW48-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW57-GWF	10FWAMW57-GWF
				Lab Sample ID	22489-8	22614-8	22614-8	22614-8	22645-6	22645-6	22645-6	22614-6	22614-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/28/2010	10/28/2010	10/28/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.000024]	-	ND [0.00025]
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00024]	-	-	0.000086 [0.00025] J	-	-	ND [0.000024]	-	ND [0.00025]
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.000024]	-	ND [0.00025]
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.000024]	-	ND [0.00025]
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.000024]	-	ND [0.00025]
SW8151A	Dalapon	75-99-0	mg/L		ND [0.00039]	-	-	ND [0.00039]	-	-	ND [0.000039]	-	ND [0.0004]
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.000024]	-	ND [0.00025]
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.000024]	-	ND [0.00025]
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00024]	-	-	ND [0.00025]	-	-	ND [0.000024]	-	ND [0.00025]
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-	ND [0.01]
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	0.0002 [0.001] J	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW48	MW53	MW53	MW53	MW56	MW56	MW56	MW57	MW57
				Sample ID	10FWAMW48-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW57-GWF	10FWAMW57-GWF
				Lab Sample ID	22489-8	22614-8	22614-8	22614-8	22645-6	22645-6	22645-6	22614-6	22614-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/28/2010	10/28/2010	10/28/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-	ND [0.003]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	-	-	ND [0.001]	-	-	0.00099 [0.001] J	-	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.0004 [0.0007] J	-	-	0.0006 [0.0007] J	-	-	0.0023 [0.0007]	-	ND [0.0007]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	0.000059 [0.0005] J	-	0.000068 [0.0005] J
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	-	-	ND [0.0005]	-	-	0.00018 [0.0005] J, B	-	ND [0.0005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.000034 [0.0005] J	-	-	0.0001 [0.0005] J	-	-	0.0011 [0.0005]	-	0.000049 [0.0005] J
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	-	-	ND [0.0002]	-	-	0.000054 [0.0002] J	-	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.00019] JS-	-	-	0.000035 [0.0002] J	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.00029] JS-	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.0003]
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	0.000013 [0.0002] J
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.00049] JS-	-	-	ND [0.00049]	-	-	ND [0.00049]	-	ND [0.0005]
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0024] JS-	-	-	ND [0.0025]	-	-	ND [0.0024]	-	ND [0.0025]
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]

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				Loc ID	MW48	MW53	MW53	MW53	MW56	MW56	MW56	MW57	MW57
				Sample ID	10FWAMW48-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW57-GWF	10FWAMW57-GWF
				Lab Sample ID	22489-8	22614-8	22614-8	22614-8	22645-6	22645-6	22645-6	22614-6	22614-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/28/2010	10/28/2010	10/28/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.000029] JS-	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.00003]
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.0019] JS-	-	-	ND [0.002]	-	-	ND [0.0019]	-	ND [0.002]
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000097] JS-	-	-	ND [0.000098]	-	-	ND [0.000097]	-	ND [0.000099]
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00097] JS-	-	-	ND [0.00098]	-	-	ND [0.00097]	-	ND [0.00099]
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	ND [0.00039] JS-	-	-	ND [0.00039]	-	-	0.00002 [0.00039] J	-	ND [0.0004]
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.00019] JS-	-	-	0.000022 [0.0002] J, B	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.00029] JS-	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.0003]
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00097] JS-	-	-	ND [0.00098]	-	-	ND [0.00097]	-	ND [0.00099]
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.000049] JS-	-	-	ND [0.000049]	-	-	ND [0.000049]	-	ND [0.00005]
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.000039] JS-	-	-	ND [0.000039]	-	-	ND [0.000039]	-	ND [0.00004]
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.000019] JS-	-	-	ND [0.00002]	-	-	ND [0.000019]	-	ND [0.00002]
SW8270	Azobenzene	103-33-3	mg/L		ND [0.00049] JS-	-	-	ND [0.00049]	-	-	ND [0.00049]	-	ND [0.0005]
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.000029] JS-	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.00003]
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.000019] JS-	-	-	ND [0.00002]	-	-	ND [0.000019]	-	ND [0.00002]
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.000039] JS-	-	-	ND [0.000039]	-	-	ND [0.000039]	-	ND [0.00004]
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.000029] JS-	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.00003]
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.000029] JS-	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.00003]
SW8270	Benzoic acid	65-85-0	mg/L	150	0.00036 [0.00097] J,JS-	-	-	0.00029 [0.00098] J	-	-	0.00039 [0.00097] J	-	0.00031 [0.00099] J
SW8270	Benzyl alcohol	100-51-6	mg/L		0.000024 [0.00019] J, JS-, B	-	-	0.000029 [0.0002] J, B	-	-	0.000036 [0.00019] J	-	0.000019 [0.0002] J, B
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	ND [0.00029] JS-	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.0003]
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0015] JS-	-	-	ND [0.0015]	-	-	ND [0.0015]	-	ND [0.0015]
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.000019] JS-	-	-	ND [0.00002]	-	-	ND [0.000019]	-	ND [0.00002]
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.000029] JS-	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.00003]
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000041 [0.00019] J,JS-, B	-	-	0.000023 [0.0002] J, B	-	-	0.000025 [0.00019] J	-	0.000051 [0.0002] J, B
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.000064 [0.00019] J,B,JS-	-	-	0.000054 [0.0002] J, B	-	-	ND [0.00019]	-	0.000088 [0.0002] J, B
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000024] JS-	-	-	ND [0.000025]	-	-	ND [0.000024]	-	ND [0.000025]
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.000029] JS-	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.00003]

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW48	MW53	MW53	MW53	MW56	MW56	MW56	MW57	MW57
				Sample ID	10FWAMW48-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW53-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW56-GWF	10FWAMW57-GWF	10FWAMW57-GWF
				Lab Sample ID	22489-8	22614-8	22614-8	22614-8	22645-6	22645-6	22645-6	22614-6	22614-6
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/28/2010	10/28/2010	10/28/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010
				Lab	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.00029] JS-	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.0003]
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.00029] JS-	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.0003]
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.000029] JS-	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.00003]
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00097] JS-	-	-	ND [0.00098]	-	-	ND [0.00097]	-	ND [0.00099]
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.00019] JS-	-	-	ND [0.0002]	-	-	ND [0.00019]	-	ND [0.0002]
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00034] R	-	-	ND [0.00034]	-	-	ND [0.00034]	-	ND [0.00035]
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.000039] JS-	-	-	ND [0.000039]	-	-	ND [0.000039]	-	ND [0.00004]
SW8270	Phenol	108-95-2	mg/L	11	ND [0.00029] JS-	-	-	ND [0.00029]	-	-	ND [0.00029]	-	ND [0.0003]
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.000029] JS-	-	-	ND [0.000029]	-	-	ND [0.000029]	-	ND [0.00003]
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	ND [0.00051] JH	-	-	ND [0.00097]	-	-	ND [0.00051] JH	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	ND [0.0001] JH	-	-	ND [0.000097]	-	-	ND [0.0001] JH	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW58	MW58	MW58	MW61	MW61	MW61	MW62	MW62	MW62	MW64
				Sample ID	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW64-GWBF
				Lab Sample ID	22682-8	22682-8	22682-8	22645-5	22645-5	22645-5	22645-1	22645-1	22645-1	22645-10
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010
				Lab	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	0.00005 [0.000012]	-	-	ND [0.000013]	-	-	0.00024 [0.00013]	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	-	0.000018 [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	-	ND [0.0000096]	-	-	0.000001 [0.0000097] J	-	-	ND [0.000098]	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.0002]	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	-	0.00003 [0.0000096]	-	-	ND [0.0000097]	-	-	0.000044 [0.000098] J	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	-	ND [0.0000096]	-	-	0.000003 [0.0000097] J	-	-	ND [0.000098]	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	-	ND [0.0000096]	-	-	ND [0.0000097]	-	-	ND [0.000098]	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	-	ND [0.05]	-	-	ND [0.05]	-	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	-	-	1.2 [0.099]	-	-	0.16 [0.098]	-	-	29 [1.1]	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	-	0.17 [0.099]	-	-	0.16 [0.098]	-	-	4.6 [1.1]	-
E300A	Sulfate	14808-79-8	mg/L		-	26 [5]	-	-	33 [5]	-	-	140 [5]	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	300 [5]	-	-	330 [5]	-	-	650 [5]	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	0.13 [0.05]	-	-	0.27 [0.05]	-	-	0.23 [0.05]	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	0.25 [0.05]	-	-	0.4 [0.05]	-	-	3.8 [0.25]	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	0.071 [0.1] J	-	-	0.068 [0.1] J	-	-	0.05 [0.1] J	-	-
RSK175	Methane	30479	mg/L		-	0.046 [0.00019]	-	-	0.89 [0.00019]	-	-	0.063 [0.00019]	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	ND [1]	-	-	ND [1]	-	-	ND [1]	-
SW6010B	Boron	7440-42-8	mg/L		-	-	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-
SW6010B	Calcium	7440-70-2	mg/L		-	-	110 [1.1]	-	-	110 [1.1]	-	-	250 [1.1]	-
SW6010B	Magnesium	7439-95-4	mg/L		-	-	25 [1.1]	-	-	26 [1.1]	-	-	62 [1.1]	-
SW6010B	Potassium	7440-09-7	mg/L		-	-	5 [3.3]	-	-	5.6 [3.3]	-	-	8.9 [3.3]	-
SW6010B	Sodium	7440-23-5	mg/L		-	-	4.6 [2]	-	-	5 [2]	-	-	8.5 [2]	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	ND [0.002]	-	-	ND [0.002]	-	-	0.00054 [0.002] J	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	0.0096 [0.002]	-	-	0.015 [0.002]	-	-	0.0034 [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	-	-	0.32 [0.006]	-	-	0.19 [0.006]	-	-	0.35 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	0.003 [0.002] B	-	-	0.0029 [0.002] B	-	-	0.0029 [0.002] B	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW58	MW58	MW58	MW61	MW61	MW61	MW62	MW62	MW62	MW64
				Sample ID	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW64-GWBF
				Lab Sample ID	22682-8	22682-8	22682-8	22645-5	22645-5	22645-5	22645-1	22645-1	22645-1	22645-10
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010
				Lab	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW6020	Cobalt	7440-48-4	mg/L		-	-	0.0021 [0.002]	-	-	0.0006 [0.002] J	-	-	0.0078 [0.002]	-
SW6020	Copper	7440-50-8	mg/L	1	-	-	0.00074 [0.005] J	-	-	0.00068 [0.005] J	-	-	0.0056 [0.005]	-
SW6020	Iron	7439-89-6	mg/L		-	-	19 [0.2] JM+	-	-	13 [0.2] JM+	-	-	7.6 [0.2] JM+	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Manganese	7439-96-5	mg/L		-	-	1.1 [0.002]	-	-	1.9 [0.002]	-	-	3.6 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	0.0037 [0.002]	-	-	0.0021 [0.002]	-	-	0.018 [0.002]	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	0.00035 [0.002] J	-	-	ND [0.002]	-	-	0.0008 [0.002] J	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	ND [0.004]	-	-	ND [0.004]	-	-	ND [0.004]	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	0.001 [0.01] J, B	-	-	ND [0.01]	-	-	0.0015 [0.01] J, B	-
SW6020	Zinc	7440-66-6	mg/L	5	-	-	0.0028 [0.007] J	-	-	0.0027 [0.007] J	-	-	0.0036 [0.007] J	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	0.0001 [0.000019]	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.0000096]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.0000096]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.0000096]	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	0.00081 [0.000019]	-
SW8081A	delta-BHC	319-86-8	mg/L		-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-	0.00016 [0.0000096]	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	0.00032 [0.000019]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	0.00027 [0.000019]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	ND [0.000049]	-	-	ND [0.000049]	-	-	ND [0.000048]	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000019]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-	0.000024 [0.0000096]	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.0000096]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.0000096]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	ND [0.0000097]	-	-	ND [0.0000098]	-	-	0.00017 [0.0000096]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	ND [0.000097]	-	-	ND [0.000098]	-	-	ND [0.000096]	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	ND [0.00097]	-	-	ND [0.00098]	-	-	ND [0.00096]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-	-	-

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				Loc ID	MW58	MW58	MW58	MW61	MW61	MW61	MW62	MW62	MW62	MW64
				Sample ID	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW64-GWBF
				Lab Sample ID	22682-8	22682-8	22682-8	22645-5	22645-5	22645-5	22645-1	22645-1	22645-1	22645-10
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010
				Lab	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	2,4-DB	94-82-6	mg/L		-	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	Dalapon	75-99-0	mg/L		-	-	ND [0.00042]	-	-	ND [0.00039]	-	-	ND [0.00039]	-
SW8151A	Dicamba	1918-00-9	mg/L		-	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8151A	Dinoseb	88-85-7	mg/L		-	-	ND [0.00026]	-	-	ND [0.00025]	-	-	ND [0.00025]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	-	ND [0.001]	-	-	0.0029 [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	-	ND [0.001]	-	-	0.00043 [0.001] J	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	-	ND [0.001]	-	-	0.00039 [0.001] J	-	-	ND [0.001]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	-	-	ND [0.01]	-	-	ND [0.01]	-	-	0.0046 [0.01] J, B	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW58	MW58	MW58	MW61	MW61	MW61	MW62	MW62	MW62	MW64
				Sample ID	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW64-GWBF
				Lab Sample ID	22682-8	22682-8	22682-8	22645-5	22645-5	22645-5	22645-1	22645-1	22645-1	22645-10
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010
				Lab	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	-	ND [0.001]	-	-	0.0068 [0.001]	-	-	0.00046 [0.001] J	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	-	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Toluene	108-88-3	mg/L	1	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	-	ND [0.001]	-	-	0.0089 [0.001]	-	-	0.00028 [0.001] J	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	ND [0.001]	-	-	0.0076 [0.001]	-	-	0.0016 [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	-	ND [0.001]	-	-	0.00019 [0.001] J	-	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	-	ND [0.0004]	-	-	0.0034 [0.0004]	-	-	0.000056 [0.0004] J	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	-	0.00024 [0.0007] J	-	-	0.0012 [0.0007]	-	-	0.00039 [0.0007] J	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	-	ND [0.0005]	-	-	0.000064 [0.0005] J	-	-	0.000059 [0.0005] J	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	-	0.00011 [0.0005] J, B	-	-	0.00016 [0.0005] J, B	-	-	0.00012 [0.0005] J, B	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	-	0.000069 [0.0005] J	-	-	0.0075 [0.0005]	-	-	0.0014 [0.0005]	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	-	ND [0.0002]	-	-	0.00021 [0.0002]	-	-	ND [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029] JS	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	0.00017 [0.00019] J	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	ND [0.00048]	-	-	ND [0.00049]	-	-	ND [0.00049] JS	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	ND [0.0024]	-	-	ND [0.0024]	-	-	ND [0.0025] JS	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW58	MW58	MW58	MW61	MW61	MW61	MW62	MW62	MW62	MW64
				Sample ID	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW64-GWBF
				Lab Sample ID	22682-8	22682-8	22682-8	22645-5	22645-5	22645-5	22645-1	22645-1	22645-1	22645-10
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010
				Lab	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029] JS	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	ND [0.0019]	-	-	ND [0.0019]	-	-	ND [0.002] JS	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	ND [0.000096]	-	-	ND [0.000097]	-	-	ND [0.000098] JS	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	ND [0.00096]	-	-	ND [0.00097]	-	-	ND [0.00098] JS	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	-	-	0.000039 [0.00038] J	-	-	0.000018 [0.00039] J	-	-	ND [0.00039] JS	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	ND [0.00019]	-	-	0.000031 [0.00019] J	-	-	ND [0.0002] JS	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029] JS	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	ND [0.00096]	-	-	ND [0.00097]	-	-	ND [0.00098] JS	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	ND [0.000048]	-	-	ND [0.000049]	-	-	ND [0.000049] JS	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	ND [0.000038]	-	-	ND [0.000039]	-	-	ND [0.000039] JS	-
SW8270	Anthracene	120-12-7	mg/L	11	-	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002] JS	-
SW8270	Azobenzene	103-33-3	mg/L		-	-	ND [0.00048]	-	-	ND [0.00049]	-	-	ND [0.00049] JS	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029] JS	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002] JS	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	ND [0.000038]	-	-	ND [0.000039]	-	-	ND [0.000039] JS	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029] JS	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029] JS	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	0.0013 [0.00096]	-	-	0.00035 [0.00097] J	-	-	ND [0.00098] JS	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	ND [0.00019]	-	-	0.000055 [0.00019] J	-	-	ND [0.0002] JS	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	0.000093 [0.00029] J	-	-	ND [0.00029]	-	-	ND [0.00029] JS	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	ND [0.0014]	-	-	ND [0.0015]	-	-	ND [0.0015] JS	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002] JS	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029] JS	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	ND [0.00019]	-	-	0.000022 [0.00019] J	-	-	ND [0.0002] JS	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	0.00012 [0.00019] J	-	-	0.00011 [0.00019] J	-	-	ND [0.0002] JS	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	ND [0.000024]	-	-	ND [0.000024]	-	-	ND [0.000025] JS	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029] JS	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW58	MW58	MW58	MW61	MW61	MW61	MW62	MW62	MW62	MW64
				Sample ID	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW58-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW61-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW62-GWF	10FWAMW64-GWBF
				Lab Sample ID	22682-8	22682-8	22682-8	22645-5	22645-5	22645-5	22645-1	22645-1	22645-1	22645-10
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	11/1/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010
				Lab	TADC	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Duplicate
Method	Analyte	CAS Number	Units	ADEC Criteria[1]										
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029] JS	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029] JS	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029] JS	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	ND [0.00096]	-	-	ND [0.00097]	-	-	ND [0.00098] JS	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	ND [0.00019]	-	-	ND [0.00019]	-	-	ND [0.0002] JS	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	ND [0.00034]	-	-	ND [0.00034]	-	-	ND [0.00034] JS	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	ND [0.000038]	-	-	ND [0.000039]	-	-	ND [0.000039] JS	-
SW8270	Phenol	108-95-2	mg/L	11	-	-	0.000025 [0.00029] J	-	-	0.000033 [0.00029] J	-	-	ND [0.00029] JS	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029] JS	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	ND [0.00051]	-	-	ND [0.000099]	-	-	ND [0.0098]	-	-	ND [0.0001]
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	ND [0.00051]	-	-	ND [0.00099]	-	-	ND [0.0098]	-	-	ND [0.001]
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	ND [0.0001]	-	-	ND [0.000099]	-	-	ND [0.002]	-	-	ND [0.0001]

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW64	MW64	MW64	MW64	MW64	MW69	MW69	MW69	MW70
				Sample ID	10FWAMW64-GWBF	10FWAMW64-GWBF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW70-GWF
				Lab Sample ID	22645-10	22645-10	22645-9	22645-9	22645-9	22614-5	22614-5	22614-5	22614-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000013]	-	-	ND [0.000012]	-	-	ND [0.000013]	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Anthracene	120-12-7	mg/L	11	-	ND [0.0000098]	-	-	0.0000009 [0.0000096] J	-	-	ND [0.0000098]	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	0.0000023 [0.0000098] J	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	ND [0.0000098]	-	-	0.0000019 [0.0000096] J	-	-	0.0000011 [0.0000098] J, B	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	ND [0.0000098]	-	-	ND [0.0000096]	-	-	ND [0.0000098]	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	ND [0.05]	-	-	ND [0.05]	-	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	-	0.3 [0.099]	-	-	0.26 [0.098]	-	-	0.053 [0.1] J	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.22 [0.099]	-	-	0.17 [0.098]	-	-	0.073 [0.1] J	-
E300A	Sulfate	14808-79-8	mg/L		69 [5]	-	-	59 [5]	-	-	51 [5]	-	-
E310.1	Alkalinity, Total	10300	mg/L		260 [5]	-	-	280 [5]	-	-	190 [5]	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		0.18 [0.05]	-	-	0.18 [0.05]	-	-	0.1 [0.05]	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		0.25 [0.05]	-	-	0.21 [0.05]	-	-	1.4 [0.05]	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		0.075 [0.1] J	-	-	0.075 [0.1] J	-	-	0.055 [0.1] J	-	-
RSK175	Methane	30479	mg/L		0.069 [0.00019]	-	-	0.073 [0.00019] JM+	-	-	0.0084 [0.00019]	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	ND [1]	-	-	ND [1]	-	-	ND [1]	-
SW6010B	Boron	7440-42-8	mg/L		-	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-
SW6010B	Calcium	7440-70-2	mg/L		-	110 [1.1]	-	-	110 [1.1]	-	-	66 [1.1]	-
SW6010B	Magnesium	7439-95-4	mg/L		-	25 [1.1]	-	-	25 [1.1]	-	-	17 [1.1]	-
SW6010B	Potassium	7440-09-7	mg/L		-	5.7 [3.3]	-	-	5.6 [3.3]	-	-	4.7 [3.3]	-
SW6010B	Sodium	7440-23-5	mg/L		-	6.2 [2]	-	-	5.8 [2]	-	-	6.3 [2]	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	0.00062 [0.002] J	-	-	0.0004 [0.002] J	-	-	ND [0.002]	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	0.017 [0.002]	-	-	0.018 [0.002]	-	-	0.0041 [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	-	0.27 [0.006]	-	-	0.26 [0.006]	-	-	0.16 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	0.0032 [0.002] B	-	-	0.0031 [0.002] B	-	-	0.0021 [0.002]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW64	MW64	MW64	MW64	MW64	MW69	MW69	MW69	MW70
				Sample ID	10FWAMW64-GWBF	10FWAMW64-GWBF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW70-GWF
				Lab Sample ID	22645-10	22645-10	22645-9	22645-9	22645-9	22614-5	22614-5	22614-5	22614-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW6020	Cobalt	7440-48-4	mg/L		-	0.00038 [0.002] J	-	-	0.00038 [0.002] J	-	-	0.00056 [0.002] J	-
SW6020	Copper	7440-50-8	mg/L	1	-	0.00078 [0.005] J	-	-	0.0011 [0.005] J	-	-	0.0018 [0.005] J	-
SW6020	Iron	7439-89-6	mg/L		-	15 [0.2] JM+	-	-	14 [0.2] JM+	-	-	3 [0.2]	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Manganese	7439-96-5	mg/L		-	1.1 [0.002]	-	-	1.1 [0.002]	-	-	0.39 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	0.0024 [0.002]	-	-	0.0021 [0.002]	-	-	0.0031 [0.002]	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	0.0021 [0.002] JD	-	-	0.0039 [0.002] JD	-	-	ND [0.002]	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	0.00014 [0.004] J	-	-	ND [0.004]	-	-	0.00009 [0.004] J, B	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	ND [0.01]	-	-	0.0016 [0.01] J, B	-	-	ND [0.01]	-
SW6020	Zinc	7440-66-6	mg/L	5	-	ND [0.007]	-	-	0.0038 [0.007] J	-	-	0.0029 [0.007] J	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000097]	-	-	ND [0.0000097] JM-	-	-	ND [0.0000099]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	ND [0.0000097]	-	-	ND [0.0000097] JM-	-	-	ND [0.0000099] JL-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	ND [0.000019]	-	-	ND [0.000019] JM-	-	-	ND [0.00002] JL-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	ND [0.000049]	-	-	ND [0.000049]	-	-	ND [0.00005]	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	ND [0.000019]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	ND [0.0000097]	-	-	ND [0.0000097] JM-	-	-	ND [0.0000099]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	ND [0.0000097]	-	-	ND [0.0000097]	-	-	ND [0.0000099]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	ND [0.0000097]	-	-	ND [0.0000097] JM-	-	-	ND [0.0000099]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	ND [0.000097]	-	-	ND [0.000097]	-	-	ND [0.000099]	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	ND [0.00097]	-	-	ND [0.00097]	-	-	ND [0.00099]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-	-	-

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				Loc ID	MW64	MW64	MW64	MW64	MW64	MW69	MW69	MW69	MW70
				Sample ID	10FWAMW64-GWBF	10FWAMW64-GWBF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW70-GWF
				Lab Sample ID	22645-10	22645-10	22645-9	22645-9	22645-9	22614-5	22614-5	22614-5	22614-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	ND [0.00024]	-	-	ND [0.00026]	-	-	ND [0.00026]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	ND [0.00024]	-	-	ND [0.00026]	-	-	ND [0.00026]	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	ND [0.00024]	-	-	ND [0.00026]	-	-	ND [0.00026]	-
SW8151A	2,4-DB	94-82-6	mg/L		-	ND [0.00024]	-	-	ND [0.00026]	-	-	ND [0.00026]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00024]	-	-	ND [0.00026] JM-	-	-	ND [0.00026]	-
SW8151A	Dalapon	75-99-0	mg/L		-	ND [0.00039]	-	-	ND [0.00042]	-	-	ND [0.00041]	-
SW8151A	Dicamba	1918-00-9	mg/L		-	ND [0.00024]	-	-	ND [0.00026]	-	-	ND [0.00026]	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	ND [0.00024]	-	-	ND [0.00026]	-	-	ND [0.00026]	-
SW8151A	Dinoseb	88-85-7	mg/L		-	ND [0.00024]	-	-	ND [0.00026]	-	-	ND [0.00026]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	-	-	ND [0.001] JM-	-	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	-	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-
SW8260B	Benzene	71-43-2	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW64	MW64	MW64	MW64	MW64	MW69	MW69	MW69	MW70
				Sample ID	10FWAMW64-GWBF	10FWAMW64-GWBF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW70-GWF
				Lab Sample ID	22645-10	22645-10	22645-9	22645-9	22645-9	22614-5	22614-5	22614-5	22614-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	0.00063 [0.001] J	-	-	0.00057 [0.001] J	-	-	ND [0.001]	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Toluene	108-88-3	mg/L	1	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	0.00036 [0.001] J	-	-	0.0004 [0.001] J	-	-	ND [0.001]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	0.0013 [0.001]	-	-	0.0012 [0.001]	-	-	ND [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	-	-	ND [0.0004]	-	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	0.00021 [0.0007] J	-	-	0.00017 [0.0007] J	-	-	0.00016 [0.0007] J	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	0.000052 [0.0005] J	-	-	0.00005 [0.0005] J	-	-	ND [0.0005]	-
SW8260L	Benzene	71-43-2	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	0.00011 [0.0005] J, B	-	-	0.00011 [0.0005] J, B	-	-	ND [0.0005]	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	0.0012 [0.0005]	-	-	0.0011 [0.0005]	-	-	ND [0.0005]	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	0.000076 [0.0002] J	-	-	0.000075 [0.0002] J	-	-	ND [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	0.000022 [0.0002] J	-	-	0.000026 [0.00019] J	-	-	ND [0.0002]	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	0.000011 [0.0002] J	-	-	0.000015 [0.00019] J	-	-	0.000043 [0.0002] J	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	ND [0.00049]	-	-	ND [0.00048]	-	-	ND [0.00049]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	ND [0.0025]	-	-	ND [0.0024]	-	-	ND [0.0025]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW64	MW64	MW64	MW64	MW64	MW69	MW69	MW69	MW70
				Sample ID	10FWAMW64-GWBF	10FWAMW64-GWBF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW70-GWF
				Lab Sample ID	22645-10	22645-10	22645-9	22645-9	22645-9	22614-5	22614-5	22614-5	22614-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	ND [0.002]	-	-	ND [0.0019]	-	-	ND [0.002]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000098]	-	-	ND [0.000096]	-	-	ND [0.000098]	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	ND [0.00098]	-	-	ND [0.00096]	-	-	ND [0.00098]	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	-	0.000016 [0.00039] J	-	-	0.000018 [0.00038] J	-	-	ND [0.00039]	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00098]	-	-	ND [0.00096]	-	-	ND [0.00098]	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.000049]	-	-	ND [0.000048]	-	-	ND [0.000049]	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.000039]	-	-	ND [0.000038]	-	-	ND [0.000039]	-
SW8270	Anthracene	120-12-7	mg/L	11	-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8270	Azobenzene	103-33-3	mg/L		-	ND [0.00049]	-	-	ND [0.00048]	-	-	ND [0.00049]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.000039]	-	-	ND [0.000038]	-	-	ND [0.000039]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	0.00051 [0.00098] J	-	-	0.00048 [0.00096] J	-	-	0.00032 [0.00098] J	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	0.000035 [0.0002] J	-	-	0.00004 [0.00019] J	-	-	0.000033 [0.0002] J, B	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	ND [0.00029]	-	-	0.00014 [0.00029] J	-	-	0.00012 [0.00029] J, JL+, B	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	0.024 [0.0074]	-	-	ND [0.0014]	-	-	ND [0.0015]	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	ND [0.00002]	-	-	ND [0.000019]	-	-	ND [0.00002]	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	0.00004 [0.0002] J	-	-	0.000016 [0.00019] J	-	-	0.000072 [0.0002] J, B	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	ND [0.0002]	-	-	0.000013 [0.00019] J	-	-	ND [0.0002]	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	0.000075 [0.0002] J	-	-	0.000094 [0.00019] J	-	-	0.00013 [0.0002] J, B	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.000025]	-	-	ND [0.000024]	-	-	ND [0.000025]	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW64	MW64	MW64	MW64	MW64	MW69	MW69	MW69	MW70
				Sample ID	10FWAMW64-GWBF	10FWAMW64-GWBF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW64-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW69-GWF	10FWAMW70-GWF
				Lab Sample ID	22645-10	22645-10	22645-9	22645-9	22645-9	22614-5	22614-5	22614-5	22614-3
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/31/2010	10/28/2010	10/28/2010	10/28/2010	10/28/2010
				Lab	TASG	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Duplicate	Duplicate	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00029]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	ND [0.00098]	-	-	ND [0.00096]	-	-	ND [0.00098]	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	ND [0.0002]	-	-	ND [0.00019]	-	-	ND [0.0002]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	ND [0.0002]	-	-	ND [0.00019] JM-	-	-	ND [0.0002]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.00034]	-	-	ND [0.00034]	-	-	ND [0.00034]	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	ND [0.000039]	-	-	ND [0.000038]	-	-	ND [0.000039]	-
SW8270	Phenol	108-95-2	mg/L	11	-	0.00002 [0.00029] J	-	-	0.000028 [0.00029] J	-	-	ND [0.00029]	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000029]	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.0001] JM-	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.001] JM-	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.001]	-	-	ND [0.00053] JH	-	-	ND [0.00053] JH
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.0001]	-	-	ND [0.00011] JH	-	-	ND [0.00011] JH

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW70	MW76	MW77	MW77	MW77	MW78	MW78	MW78	MW79
				Sample ID	10FWAMW70-GWF	10FWAMW76-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW79-GWF
				Lab Sample ID	22614-3	22614-2	22610-2	22610-2	22610-2	22489-4	22489-4	22489-4	22489-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000013]	ND [0.000013]	-	-	0.000076 [0.000013]	-	-	ND [0.000013]	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000099]	ND [0.0000097]	-	-	0.000098 [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000099]	ND [0.0000097]	-	-	0.00004 [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Anthracene	120-12-7	mg/L	11	ND [0.0000099]	ND [0.0000097]	-	-	0.000005 [0.0000098] J	-	-	ND [0.00001]	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000099]	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000021]	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000099]	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000099]	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000099]	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000099]	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000099]	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000099]	ND [0.0000097]	-	-	0.0000026 [0.0000098] J	-	-	ND [0.00001]	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	ND [0.0000099]	ND [0.0000097]	-	-	0.00015 [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000099]	ND [0.0000097]	-	-	ND [0.0000098]	-	-	ND [0.00001]	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000099]	ND [0.0000097]	-	-	0.00029 [0.0000098]	-	-	0.0000071 [0.00001] J	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000011 [0.0000099] J, B	0.0000011 [0.0000097] J, B	-	-	0.00013 [0.0000098]	-	-	0.0000015 [0.00001] J, B	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000099]	ND [0.0000097]	-	-	0.0000018 [0.0000098] J	-	-	ND [0.00001]	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	ND [0.05]	ND [0.05]	-	-	ND [0.05]	-	-	ND [0.05]	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	0.11 [0.096]	0.17 [0.1]	-	-	1 [0.096]	-	-	0.067 [0.099] J	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.11 [0.096]	0.2 [0.1]	-	-	0.31 [0.096]	-	-	0.067 [0.099] J	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	77 [5]	-	-	15 [5]	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	430 [5]	-	-	210 [5]	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	ND [0.05]	-	-	0.19 [0.05]	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	14 [2.5]	-	-	0.095 [0.05]	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	0.26 [0.1]	-	-	0.14 [0.1] B	-	-
RSK175	Methane	30479	mg/L		-	-	-	0.0025 [0.00019]	-	-	0.065 [0.00019]	-	-
SW6010B	Aluminum	7429-90-5	mg/L		ND [1]	ND [1]	-	-	0.34 [1] J	-	-	ND [1]	-
SW6010B	Boron	7440-42-8	mg/L		0.16 [2.5] J	ND [2.5]	-	-	ND [2.5]	-	-	ND [2.5]	-
SW6010B	Calcium	7440-70-2	mg/L		100 [1.1]	240 [1.1]	-	-	130 [1.1]	-	-	62 [1.1]	-
SW6010B	Magnesium	7439-95-4	mg/L		31 [1.1]	65 [1.1]	-	-	51 [1.1]	-	-	14 [1.1]	-
SW6010B	Potassium	7440-09-7	mg/L		6.5 [3.3]	7.3 [3.3]	-	-	8.4 [3.3]	-	-	5 [3.3]	-
SW6010B	Sodium	7440-23-5	mg/L		6 [2]	7.2 [2]	-	-	7.8 [2]	-	-	10 [2]	-
SW6020	Antimony	7440-36-0	mg/L	0.006	0.0012 [0.002] J	ND [0.002]	-	-	0.0015 [0.002] J	-	-	ND [0.002]	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.00067 [0.002] J	0.0046 [0.002]	-	-	ND [0.002]	-	-	0.011 [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	0.12 [0.006]	0.091 [0.006]	-	-	0.1 [0.006]	-	-	0.2 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	ND [0.002]	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	ND [0.002]	0.00016 [0.002] J	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	0.0023 [0.002]	0.0021 [0.002]	-	-	0.0028 [0.002]	-	-	0.0023 [0.002]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW70	MW76	MW77	MW77	MW77	MW78	MW78	MW78	MW79
				Sample ID	10FWAMW70-GWF	10FWAMW76-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW79-GWF
				Lab Sample ID	22614-3	22614-2	22610-2	22610-2	22610-2	22489-4	22489-4	22489-4	22489-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW6020	Cobalt	7440-48-4	mg/L		0.002 [0.002]	0.0015 [0.002] J	-	-	0.0018 [0.002] J	-	-	ND [0.002]	-
SW6020	Copper	7440-50-8	mg/L	1	0.0046 [0.005] J	0.0033 [0.005] J	-	-	0.0019 [0.005] J	-	-	0.0004 [0.005] J	-
SW6020	Iron	7439-89-6	mg/L		0.69 [0.2]	7.9 [0.2]	-	-	0.13 [0.2] J	-	-	7.5 [0.2]	-
SW6020	Lead	7439-92-1	mg/L	0.015	ND [0.002]	0.00018 [0.002] J	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Manganese	7439-96-5	mg/L		0.26 [0.002]	0.95 [0.002]	-	-	1.2 [0.002]	-	-	0.69 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1	0.017 [0.002]	0.011 [0.002]	-	-	0.01 [0.002]	-	-	0.001 [0.002] J	-
SW6020	Selenium	7782-49-2	mg/L	0.05	0.0027 [0.002]	ND [0.002]	-	-	0.00044 [0.002] J	-	-	ND [0.002]	-
SW6020	Silver	7440-22-4	mg/L	0.1	ND [0.002]	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002	ND [0.004]	ND [0.004]	-	-	0.00014 [0.004] J	-	-	0.000085 [0.004] J, B	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	0.00093 [0.01] J, B	0.00065 [0.01] J, B	-	-	0.0012 [0.01] J	-	-	ND [0.01]	-
SW6020	Zinc	7440-66-6	mg/L	5	0.0075 [0.007]	0.0093 [0.007]	-	-	0.0066 [0.007] J	-	-	0.0025 [0.007] J	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	ND [0.0002]	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	ND [0.0000096]	ND [0.0000098] JS-	-	-	ND [0.0000096]	-	-	ND [0.000011]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000096]	ND [0.0000098] JS-	-	-	ND [0.0000096]	-	-	ND [0.000011]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	ND [0.0000096] JL-	ND [0.0000098] JL-,JS-	-	-	ND [0.0000096]	-	-	ND [0.000011]	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.000019] JL-	ND [0.00002] JL-,JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	delta-BHC	319-86-8	mg/L		ND [0.0000096]	ND [0.0000098] JS-	-	-	ND [0.0000096]	-	-	ND [0.000011]	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	Endosulfan I	959-98-8	mg/L		ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	Endosulfan II	33213-65-9	mg/L		ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	Endrin	72-20-8	mg/L	0.002	ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		ND [0.000048]	ND [0.000049] JS-	-	-	ND [0.000048]	-	-	ND [0.000054]	-
SW8081A	Endrin ketone	53494-70-5	mg/L		ND [0.000019]	ND [0.00002] JS-	-	-	ND [0.000019]	-	-	ND [0.000022]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	ND [0.0000096]	ND [0.0000098] JS-	-	-	ND [0.0000096]	-	-	ND [0.000011]	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	ND [0.0000096]	ND [0.0000098] JS-	-	-	ND [0.0000096]	-	-	ND [0.000011]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000096]	ND [0.0000098] JS-	-	-	ND [0.0000096]	-	-	ND [0.000011]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	ND [0.0000096]	ND [0.0000098] JS-	-	-	ND [0.0000096]	-	-	ND [0.000011]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	ND [0.000096]	ND [0.000098] JS-	-	-	ND [0.000096]	-	-	ND [0.00011]	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	ND [0.00096]	ND [0.00098] JS-	-	-	ND [0.00096]	-	-	ND [0.0011]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	ND [0.00049] JS-	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	ND [0.00049] JS-	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	ND [0.00049] JS-	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	ND [0.00049] JS-	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	ND [0.00049] JS-	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW70	MW76	MW77	MW77	MW77	MW78	MW78	MW78	MW79
				Sample ID	10FWAMW70-GWF	10FWAMW76-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW79-GWF
				Lab Sample ID	22614-3	22614-2	22610-2	22610-2	22610-2	22489-4	22489-4	22489-4	22489-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	ND [0.00049] JS-	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	ND [0.00049] JS-	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		ND [0.00024]	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00026]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	ND [0.00024]	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00026]	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	ND [0.00024]	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00026]	-
SW8151A	2,4-DB	94-82-6	mg/L		ND [0.00024]	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00026]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		ND [0.00024]	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00026]	-
SW8151A	Dalapon	75-99-0	mg/L		ND [0.00039]	ND [0.00039]	-	-	ND [0.00039]	-	-	ND [0.00041]	-
SW8151A	Dicamba	1918-00-9	mg/L		ND [0.00024]	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00026]	-
SW8151A	Dichlorprop	120-36-5	mg/L		ND [0.00024]	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00026]	-
SW8151A	Dinoseb	88-85-7	mg/L		ND [0.00024]	ND [0.00025]	-	-	ND [0.00025]	-	-	ND [0.00026]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.01]	ND [0.01]	-	-	ND [0.01]	-	-	ND [0.01]	-
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	0.00039 [0.001] J	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-

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				Sample ID	10FWAMW70-GWF	10FWAMW76-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW79-GWF
				Lab Sample ID	22614-3	22614-2	22610-2	22610-2	22610-2	22489-4	22489-4	22489-4	22489-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	ND [0.005]	-	-	ND [0.005]	-	-	ND [0.005]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	ND [0.001]	-	-	0.00035 [0.001] J	-	-	ND [0.001]	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.003]	ND [0.003]	-	-	ND [0.003]	-	-	ND [0.003]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	ND [0.001]	-	-	0.00067 [0.001] J	-	-	ND [0.001]	-
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	ND [0.001]	-	-	0.00016 [0.001] J	-	-	ND [0.001]	-
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	ND [0.001]	-	-	0.0012 [0.001]	-	-	ND [0.001]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	ND [0.001]	-	-	ND [0.001]	-	-	ND [0.001]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	ND [0.002]	-	-	ND [0.002]	-	-	ND [0.002]	-
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	ND [0.0004]	-	-	0.00013 [0.0004] J	-	-	ND [0.0004]	-
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.001 [0.0007]	0.00032 [0.0007] J	-	-	0.00019 [0.0007] J	-	-	ND [0.0007]	-
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	ND [0.0001]	-	-	ND [0.0001]	-	-	ND [0.0001]	-
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.00011 [0.0005] J	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	ND [0.0005]	-	-	ND [0.0005]	-	-	ND [0.0005]	-
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.0005]	ND [0.0005]	-	-	0.00013 [0.0005] J, B	-	-	ND [0.0005]	-
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	ND [0.0005]	-	-	0.0011 [0.0005]	-	-	ND [0.0005]	-
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	ND [0.0002]	-	-	ND [0.0002]	-	-	ND [0.0002]	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	0.000029 [0.0002] J	ND [0.00019]	-	-	ND [0.0002]	-	-	0.000016 [0.00021] J	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	ND [0.0005]	ND [0.00049]	-	-	ND [0.00049]	-	-	ND [0.00052]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	ND [0.0025]	ND [0.0024]	-	-	ND [0.0025]	-	-	ND [0.0026]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW70	MW76	MW77	MW77	MW77	MW78	MW78	MW78	MW79
				Sample ID	10FWAMW70-GWF	10FWAMW76-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW79-GWF
				Lab Sample ID	22614-3	22614-2	22610-2	22610-2	22610-2	22489-4	22489-4	22489-4	22489-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		ND [0.002]	ND [0.0019]	-	-	ND [0.002]	-	-	ND [0.0021]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000099]	ND [0.000097]	-	-	0.0001 [0.000098]	-	-	ND [0.0001]	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	2-Nitroaniline	88-74-4	mg/L		ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	2-Nitrophenol	88-75-5	mg/L		ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	ND [0.00099]	ND [0.00097]	-	-	ND [0.00098]	-	-	ND [0.001]	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	ND [0.0004]	ND [0.00039]	-	-	ND [0.00039]	-	-	ND [0.00041]	-
SW8270	3-Nitroaniline	99-09-2	mg/L		ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	4-Nitroaniline	100-01-6	mg/L		ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-
SW8270	4-Nitrophenol	100-02-7	mg/L		ND [0.00099]	ND [0.00097]	-	-	ND [0.00098]	-	-	ND [0.001]	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	ND [0.00005]	ND [0.000049]	-	-	0.00019 [0.000049]	-	-	ND [0.000052]	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.00004]	ND [0.000039]	-	-	ND [0.000039]	-	-	ND [0.000041]	-
SW8270	Anthracene	120-12-7	mg/L	11	ND [0.00002]	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000021]	-
SW8270	Azobenzene	103-33-3	mg/L		ND [0.0005]	ND [0.00049]	-	-	ND [0.00049]	-	-	ND [0.00052]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000021]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.00004]	ND [0.000039]	-	-	ND [0.000039]	-	-	ND [0.000041]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-
SW8270	Benzoic acid	65-85-0	mg/L	150	0.00032 [0.00099] J	0.00037 [0.00097] J	-	-	ND [0.00098]	-	-	0.0007 [0.001] J	-
SW8270	Benzyl alcohol	100-51-6	mg/L		0.00003 [0.0002] J, B	0.000026 [0.00019] J, B	-	-	ND [0.0002]	-	-	0.000047 [0.00021] J, B	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	0.00015 [0.0003] J,JL+, B	0.00016 [0.00029] J,JL+, B	-	-	ND [0.00029]	-	-	0.0001 [0.00031] J	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	ND [0.0015]	ND [0.0015]	-	-	ND [0.0015]	-	-	ND [0.0015]	-
SW8270	Carbazole	86-74-8	mg/L	0.043	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	Chrysene	218-01-9	mg/L	0.12	ND [0.00002]	ND [0.000019]	-	-	ND [0.00002]	-	-	ND [0.000021]	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	0.000067 [0.0002] J, B	0.0001 [0.00019] J, B	-	-	ND [0.0002]	-	-	0.000047 [0.00021] J, B	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	0.00014 [0.0002] J, B	0.00015 [0.00019] J, B	-	-	0.000076 [0.0002] J,B	-	-	0.000077 [0.00021] J,B	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	ND [0.000025]	ND [0.000024]	-	-	ND [0.000025]	-	-	ND [0.000026]	-
SW8270	Fluorene	86-73-7	mg/L	1.5	ND [0.00003]	ND [0.000029]	-	-	0.00028 [0.000029]	-	-	ND [0.000031]	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW70	MW76	MW77	MW77	MW77	MW78	MW78	MW78	MW79
				Sample ID	10FWAMW70-GWF	10FWAMW76-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW77-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW78-GWF	10FWAMW79-GWF
				Lab Sample ID	22614-3	22614-2	22610-2	22610-2	22610-2	22489-4	22489-4	22489-4	22489-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/28/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/27/2010	10/27/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TADC	TASG	TATW	TADC	TASG	TATW	TADC
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-
SW8270	Isophorone	78-59-1	mg/L	0.9	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	ND [0.0002]	ND [0.00019]	-	-	0.00031 [0.0002]	-	-	ND [0.00021]	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	ND [0.00099]	ND [0.00097]	-	-	ND [0.00098]	-	-	ND [0.001]	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	ND [0.0002]	ND [0.00019]	-	-	ND [0.0002]	-	-	ND [0.00021]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	ND [0.00035]	ND [0.00034]	-	-	ND [0.00034]	-	-	ND [0.00036] R	-
SW8270	Phenanthrene	85-01-8	mg/L	11	ND [0.00004]	ND [0.000039]	-	-	0.00015 [0.000039]	-	-	ND [0.000041]	-
SW8270	Phenol	108-95-2	mg/L	11	ND [0.0003]	ND [0.00029]	-	-	ND [0.00029]	-	-	ND [0.00031]	-
SW8270	Pyrene	129-00-0	mg/L	1.1	ND [0.00003]	ND [0.000029]	-	-	ND [0.000029]	-	-	ND [0.000031]	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.0019]	-	-	ND [0.00011]	-	-	ND [0.0005]
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.0019]	-	-	ND [0.00054]	-	-	ND [0.0005]
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.000096]	-	-	ND [0.00011]	-	-	ND [0.000099]

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW79	MW79	MW80	MW80	MW81	MW82	MW82	MW83	MW83
				Sample ID	10FWAMW79-GWF	10FWAMW79-GWF	10FWAMW80-GWF	10FWAMW80-GWF	10FWAMW81-GWF	10FWAMW82-GWF	10FWAMW82-GWF	10FWAMW83-GWF	10FWAMW83-GWF
				Lab Sample ID	22489-5	22489-5	22645-8	22645-8	22614-1	22610-13	22610-13	22610-5	22610-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/31/2010	10/31/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TATW	TATW	TASG	TATW	TASG	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000012]	-	ND [0.000013]	ND [0.000013]	-	ND [0.000013]	-	ND [0.000013]
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Anthracene	120-12-7	mg/L	11	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.00002]	ND [0.00002]	-	ND [0.000019]	-	ND [0.00002]
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.0000096]	-	ND [0.0000098]	ND [0.0000098]	-	ND [0.0000097]	-	ND [0.0000098]
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.0000096]	-	0.0000052 [0.0000098] J	ND [0.0000098]	-	ND [0.0000097]	-	0.0000048 [0.0000098] J
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	0.0000021 [0.0000096] J, B	-	0.0000018 [0.0000098] J	0.0000025 [0.0000098] J, B	-	ND [0.0000097]	-	0.000002 [0.0000098] J, B
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	ND [0.0000096]	-	ND [0.0000098]	0.0000019 [0.0000098] J	-	ND [0.0000097]	-	ND [0.0000098]
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	ND [0.05]	-	ND [0.05]	ND [0.05]	-	-	-	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	-	0.15 [0.095]	-	0.065 [0.099] J	0.13 [0.095]	-	0.09 [0.096] J	-	0.049 [0.098] J
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.17 [0.095]	-	0.085 [0.099] J	0.16 [0.095]	-	0.078 [0.096] J	-	0.051 [0.098] J
E300A	Sulfate	14808-79-8	mg/L		5.7 [5]	-	-	-	-	47 [5]	-	19 [5]	-
E310.1	Alkalinity, Total	10300	mg/L		250 [5]	-	-	-	-	460 [5]	-	91 [5]	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		0.23 [0.05]	-	-	-	-	ND [0.05]	-	ND [0.05]	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		ND [0.05]	-	-	-	-	3.3 [0.25]	-	1.2 [0.05]	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		0.16 [0.1] B	-	-	-	-	0.026 [0.1] J	-	0.026 [0.1] J	-
RSK175	Methane	30479	mg/L		0.37 [0.00019]	-	-	-	-	0.0015 [0.00019]	-	0.00021 [0.00019]	-
SW6010B	Aluminum	7429-90-5	mg/L		-	ND [1]	-	ND [1]	ND [1]	-	-	-	-
SW6010B	Boron	7440-42-8	mg/L		-	ND [2.5]	-	ND [2.5]	ND [2.5]	-	-	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	66 [1.1]	-	47 [1.1]	98 [1.1]	-	-	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	18 [1.1]	-	11 [1.1]	26 [1.1]	-	-	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	5.1 [3.3]	-	3.2 [3.3] J	4.5 [3.3]	-	7.4 [3.3]	-	5.1 [3.3]
SW6010B	Sodium	7440-23-5	mg/L		-	11 [2]	-	3.5 [2]	5.6 [2]	-	-	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	0.024 [0.002]	-	0.011 [0.002]	0.013 [0.002]	-	-	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	0.21 [0.006]	-	0.19 [0.006]	0.21 [0.006]	-	-	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	-	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	0.002 [0.002]	-	0.0037 [0.002]	0.0026 [0.002]	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW79	MW79	MW80	MW80	MW81	MW82	MW82	MW83	MW83
				Sample ID	10FWAMW79-GWF	10FWAMW79-GWF	10FWAMW80-GWF	10FWAMW80-GWF	10FWAMW81-GWF	10FWAMW82-GWF	10FWAMW82-GWF	10FWAMW83-GWF	10FWAMW83-GWF
				Lab Sample ID	22489-5	22489-5	22645-8	22645-8	22614-1	22610-13	22610-13	22610-5	22610-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/31/2010	10/31/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TATW	TATW	TASG	TATW	TASG	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW6020	Cobalt	7440-48-4	mg/L		-	0.0006 [0.002] J	-	0.00016 [0.002] J	0.0013 [0.002] J	-	-	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	0.001 [0.005] J	-	0.00092 [0.005] J	0.0015 [0.005] J	-	-	-	-
SW6020	Iron	7439-89-6	mg/L		-	9.7 [0.2]	-	10 [0.2] JM+	14 [0.2]	-	-	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	ND [0.002]	-	0.00022 [0.002] J	0.00058 [0.002] J	-	-	-	-
SW6020	Manganese	7439-96-5	mg/L		-	0.73 [0.002]	-	0.69 [0.002]	1.2 [0.002]	-	0.24 [0.002]	-	0.0031 [0.002]
SW6020	Nickel	7440-02-0	mg/L	0.1	-	0.0021 [0.002]	-	0.00086 [0.002] J	0.0038 [0.002]	-	-	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	ND [0.002]	-	ND [0.002]	ND [0.002]	-	-	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	0.000075 [0.004] J, B	-	0.000075 [0.004] J	ND [0.004]	-	-	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	0.00053 [0.01] J, B	-	ND [0.01]	ND [0.01]	-	-	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	0.003 [0.007] J	-	0.0024 [0.007] J	0.0042 [0.007] J	-	-	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	ND [0.0002]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	ND [0.0000096]	-	ND [0.0000097]	ND [0.0000097]	-	-	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	ND [0.0000096]	-	ND [0.0000097]	ND [0.0000097]	-	-	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	ND [0.0000096]	-	ND [0.0000097]	ND [0.0000097] JL-	-	-	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	ND [0.000019]	-	ND [0.000019]	ND [0.000019] JL-	-	-	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	ND [0.0000096]	-	ND [0.0000097]	ND [0.0000097]	-	-	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	ND [0.000048]	-	ND [0.000049]	ND [0.000049]	-	-	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	ND [0.000019]	-	ND [0.000019]	ND [0.000019]	-	-	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	ND [0.0000096]	-	ND [0.0000097]	ND [0.0000097]	-	-	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	ND [0.0000096]	-	ND [0.0000097]	ND [0.0000097]	-	-	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	ND [0.0000096]	-	ND [0.0000097]	ND [0.0000097]	-	-	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	ND [0.0000096]	-	ND [0.0000097]	ND [0.0000097]	-	-	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	ND [0.000096]	-	ND [0.000097]	ND [0.000097]	-	-	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	ND [0.00096]	-	ND [0.00097]	ND [0.00097]	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	ND [0.00049]	-	-	-	-

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				Loc ID	MW79	MW79	MW80	MW80	MW81	MW82	MW82	MW83	MW83
				Sample ID	10FWAMW79-GWF	10FWAMW79-GWF	10FWAMW80-GWF	10FWAMW80-GWF	10FWAMW81-GWF	10FWAMW82-GWF	10FWAMW82-GWF	10FWAMW83-GWF	10FWAMW83-GWF
				Lab Sample ID	22489-5	22489-5	22645-8	22645-8	22614-1	22610-13	22610-13	22610-5	22610-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/31/2010	10/31/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TATW	TATW	TASG	TATW	TASG	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]									
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	ND [0.00049]	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	ND [0.00049]	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	ND [0.00024]	-	ND [0.00026]	ND [0.00024]	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	ND [0.00024]	-	ND [0.00026]	ND [0.00024]	-	-	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	ND [0.00024]	-	ND [0.00026]	ND [0.00024]	-	-	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	ND [0.00024]	-	ND [0.00026]	ND [0.00024]	-	-	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00024]	-	ND [0.00026]	ND [0.00024]	-	-	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	ND [0.00038]	-	ND [0.00041]	ND [0.00039]	-	-	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	ND [0.00024]	-	ND [0.00026]	ND [0.00024]	-	-	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	ND [0.00024]	-	ND [0.00026]	ND [0.00024]	-	-	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	ND [0.00024]	-	ND [0.00026]	ND [0.00024]	-	-	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	0.0005 [0.001] J	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	-	ND [0.002]	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	-	ND [0.01]	ND [0.01]	-	ND [0.01]	-	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	-	ND [0.005]	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	-	ND [0.005]	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	-	0.0017 [0.01] J	-	ND [0.01]	ND [0.01]	-	ND [0.01]	-	ND [0.01]
SW8260B	Benzene	71-43-2	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	-	ND [0.005]	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	-	ND [0.005]	ND [0.005]	-	ND [0.005]	-	ND [0.005]

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW79	MW79	MW80	MW80	MW81	MW82	MW82	MW83	MW83
				Sample ID	10FWAMW79-GWF	10FWAMW79-GWF	10FWAMW80-GWF	10FWAMW80-GWF	10FWAMW81-GWF	10FWAMW82-GWF	10FWAMW82-GWF	10FWAMW83-GWF	10FWAMW83-GWF
				Lab Sample ID	22489-5	22489-5	22645-8	22645-8	22614-1	22610-13	22610-13	22610-5	22610-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/31/2010	10/31/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TATW	TATW	TASG	TATW	TASG	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	0.00087 [0.001] J
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	-	ND [0.005]	ND [0.005]	-	ND [0.005]	-	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.003]	-	ND [0.003]	ND [0.003]	-	ND [0.003]	-	ND [0.003]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	-	ND [0.001]	ND [0.001]	-	ND [0.001]	-	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	ND [0.002]	-	ND [0.002]	ND [0.002]	-	ND [0.002]	-	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	-	ND [0.0004]	ND [0.0004]	-	ND [0.0004]	-	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.0007]	-	0.00012 [0.0007] J	0.00029 [0.0007] J	-	0.00087 [0.0007]	-	ND [0.0007]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	-	ND [0.0001]	ND [0.0001]	-	ND [0.0001]	-	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	-	ND [0.0005]	ND [0.0005]	-	ND [0.0005]	-	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.0005]	-	0.00012 [0.0005] J, B	ND [0.0005]	-	0.00012 [0.0005] J, B	-	0.00012 [0.0005] J, B
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.0005]	-	0.00018 [0.0005] J, B	ND [0.0005]	-	0.000067 [0.0005] J	-	ND [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.0002]	-	ND [0.0002]	ND [0.0002]	-	ND [0.0002]	-	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	ND [0.00029]	-	ND [0.00029]	ND [0.00029]	-	-	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	ND [0.00019]	-	ND [0.0002]	0.000054 [0.0002] J	-	-	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	ND [0.00048]	-	ND [0.00049]	ND [0.00049]	-	-	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	ND [0.0024]	-	ND [0.0025]	ND [0.0025]	-	-	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW79	MW79	MW80	MW80	MW81	MW82	MW82	MW83	MW83
				Sample ID	10FWAMW79-GWF	10FWAMW79-GWF	10FWAMW80-GWF	10FWAMW80-GWF	10FWAMW81-GWF	10FWAMW82-GWF	10FWAMW82-GWF	10FWAMW83-GWF	10FWAMW83-GWF
				Lab Sample ID	22489-5	22489-5	22645-8	22645-8	22614-1	22610-13	22610-13	22610-5	22610-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/31/2010	10/31/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TATW	TATW	TASG	TATW	TASG	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	ND [0.000029]	-	ND [0.000029]	ND [0.000029]	-	-	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	ND [0.0019]	-	ND [0.002]	ND [0.002]	-	-	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000096]	-	ND [0.000098]	ND [0.000098]	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	ND [0.00096]	-	ND [0.00098]	ND [0.00098]	-	-	-	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	-	ND [0.00038]	-	0.000011 [0.00039] J	0.000017 [0.00039] J	-	-	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	ND [0.00019]	-	0.000028 [0.0002] J	ND [0.0002]	-	-	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	ND [0.00029]	-	ND [0.00029]	ND [0.00029]	-	-	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	ND [0.00096]	-	ND [0.00098]	ND [0.00098]	-	-	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.000048]	-	ND [0.000049]	ND [0.000049]	-	-	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.000038]	-	ND [0.000039]	ND [0.000039]	-	-	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	ND [0.000019]	-	ND [0.00002]	ND [0.00002]	-	-	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	ND [0.00048]	-	ND [0.00049]	ND [0.00049]	-	-	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.000029]	-	ND [0.000029]	ND [0.000029]	-	-	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.000019]	-	ND [0.00002]	ND [0.00002]	-	-	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.000038]	-	ND [0.000039]	ND [0.000039]	-	-	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.000029]	-	ND [0.000029]	ND [0.000029]	-	-	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.000029]	-	ND [0.000029]	ND [0.000029]	-	-	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	0.0004 [0.00096] J	-	0.00033 [0.00098] J	0.00038 [0.00098] J	-	-	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	0.000067 [0.00019] J, B	-	0.000027 [0.0002] J	0.000035 [0.0002] J, B	-	-	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	ND [0.00029]	-	ND [0.00029]	ND [0.00029]	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	ND [0.0014]	-	ND [0.0015]	ND [0.0015]	-	-	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	ND [0.000019]	-	ND [0.00002]	ND [0.00002]	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.000029]	-	ND [0.000029]	ND [0.000029]	-	-	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	0.000041 [0.00019] J, B	-	0.000034 [0.0002] J	0.00003 [0.0002] J, B	-	-	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	0.000079 [0.00019] J,B	-	0.00006 [0.0002] J	0.000067 [0.0002] J, B	-	-	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.000024]	-	ND [0.000025]	ND [0.000025]	-	-	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	ND [0.000029]	-	ND [0.000029]	ND [0.000029]	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW79	MW79	MW80	MW80	MW81	MW82	MW82	MW83	MW83
				Sample ID	10FWAMW79-GWF	10FWAMW79-GWF	10FWAMW80-GWF	10FWAMW80-GWF	10FWAMW81-GWF	10FWAMW82-GWF	10FWAMW82-GWF	10FWAMW83-GWF	10FWAMW83-GWF
				Lab Sample ID	22489-5	22489-5	22645-8	22645-8	22614-1	22610-13	22610-13	22610-5	22610-5
				Matrix	WG	WG	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/27/2010	10/27/2010	10/31/2010	10/31/2010	10/28/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TADC	TATW	TATW	TASG	TATW	TASG	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**									
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.00029]	-	ND [0.00029]	ND [0.00029]	-	-	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	ND [0.00029]	-	ND [0.00029]	ND [0.00029]	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.000029]	-	ND [0.000029]	ND [0.000029]	-	-	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.00019]	-	0.0000081 [0.0002] J	ND [0.0002]	-	-	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	ND [0.00096]	-	ND [0.00098]	ND [0.00098]	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	ND [0.00019]	-	ND [0.0002]	ND [0.0002]	-	-	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	ND [0.00034] R	-	ND [0.00034]	ND [0.00034]	-	-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	ND [0.000038]	-	ND [0.000039]	ND [0.000039]	-	-	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	ND [0.00029]	-	ND [0.00029]	ND [0.00029]	-	-	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	ND [0.000029]	-	ND [0.000029]	ND [0.000029]	-	-	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	ND [0.001]	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	ND [0.0001]	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	ND [0.0001]	-	-	-	-	-	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma, Washington

TADC-TestAmerica Denver, Colorado

TASG-TestAmerica Savannah, Georgia

WG-Groundwater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW84	MW84	MW85	MW85	MW86	MW87	MW88
				Sample ID	10FWAMW84-GWF	10FWAMW84-GWF	10FWAMW85-GWBF	10FWAMW85-GWF	10FWAMW86-GWF	10FWAMW87-GWF	10FWAMW88-GWF
				Lab Sample ID	22610-7	22610-7	22610-12	22610-9	22610-3	22610-10	22610-4
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	ND [0.000013]	ND [0.000013]	ND [0.000013]	ND [0.000012]	ND [0.000013]	ND [0.000012]
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Anthracene	120-12-7	mg/L	11	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	ND [0.00002]	ND [0.00002]	ND [0.00002]	ND [0.000019]	ND [0.00002]	ND [0.000019]
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Chrysene	218-01-9	mg/L	0.12	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Fluorene	86-73-7	mg/L	1.5	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Naphthalene	91-20-3	mg/L	0.73	-	0.0000042 [0.0000099] J	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	-	0.0000015 [0.0000099] J, B	0.0000015 [0.0000098] J, B	0.0000013 [0.0000099] J, B	0.0000012 [0.0000096] J, B	0.0000015 [0.00001] J, B	0.0000015 [0.0000096] J, B
8270SIM	Pyrene	129-00-0	mg/L	1.1	-	ND [0.0000099]	ND [0.0000098]	ND [0.0000099]	ND [0.0000096]	ND [0.00001]	ND [0.0000096]
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	-	-	-	-	-	-
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	-	0.15 [0.11]	0.064 [0.096] J	0.061 [0.098] J, JM-	0.032 [0.1] J	0.037 [0.1] J	0.05 [0.096] J
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	-	0.2 [0.11]	0.069 [0.096] J	0.07 [0.098] J	0.034 [0.1] J	0.044 [0.1] J	0.061 [0.096] J
E300A	Sulfate	14808-79-8	mg/L		210 [5]	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		730 [5]	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		ND [0.05]	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		98 [2.5]	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		0.028 [0.1] J	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		0.00031 [0.00019]	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	-	-	-	-	-
SW6010B	Boron	7440-42-8	mg/L		-	-	-	-	-	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	-	-	-	-	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	-	-	-	-	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	13 [3.3]	-	-	-	-	-
SW6010B	Sodium	7440-23-5	mg/L		-	-	-	-	-	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	-	-	-	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	-	-	-	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	-	-	-	-	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	-	-	-	-	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	-	-	-	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW84	MW84	MW85	MW85	MW86	MW87	MW88
				Sample ID	10FWAMW84-GWF	10FWAMW84-GWF	10FWAMW85-GWBF	10FWAMW85-GWF	10FWAMW86-GWF	10FWAMW87-GWF	10FWAMW88-GWF
				Lab Sample ID	22610-7	22610-7	22610-12	22610-9	22610-3	22610-10	22610-4
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW6020	Cobalt	7440-48-4	mg/L		-	-	-	-	-	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	-	-	-	-	-	-
SW6020	Iron	7439-89-6	mg/L		-	-	-	-	-	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	-	-	-	-	-
SW6020	Manganese	7439-96-5	mg/L		-	0.42 [0.002]	-	-	-	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	-	-	-	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	-	-	-	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	-	-	-	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	-	-	-	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	-	-	-	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	-	-	-	-	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	-	-	-	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	-	-	-	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	-	-	-	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	-	-	-	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	-	-	-	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	-	-	-	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	-	-	-	-	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	-	-	-	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	-	-	-	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	-	-	-	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	-	-	-	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	-	-	-	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	-	-	-	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	-	-	-	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	-	-	-	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	-	-	-	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	-	-	-	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW84	MW84	MW85	MW85	MW86	MW87	MW88
				Sample ID	10FWAMW84-GWF	10FWAMW84-GWF	10FWAMW85-GWBF	10FWAMW85-GWF	10FWAMW86-GWF	10FWAMW87-GWF	10FWAMW88-GWF
				Lab Sample ID	22610-7	22610-7	22610-12	22610-9	22610-3	22610-10	22610-4
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	-	-	-	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	-	-	-	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	-	-	-	-	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	-	-	-	-	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	-	-	-	-	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	-	-	-	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	-	-	-	-	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		-	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	-	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	-	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]
SW8260B	Benzene	71-43-2	mg/L	0.005	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW84	MW84	MW85	MW85	MW86	MW87	MW88
				Sample ID	10FWAMW84-GWF	10FWAMW84-GWF	10FWAMW85-GWBF	10FWAMW85-GWF	10FWAMW86-GWF	10FWAMW87-GWF	10FWAMW88-GWF
				Lab Sample ID	22610-7	22610-7	22610-12	22610-9	22610-3	22610-10	22610-4
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8260B	Chloroform	67-66-3	mg/L	0.14	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	-	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	-	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]	ND [0.003]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	-	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	-	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	-	0.0029 [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	-	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	0.000038 [0.0005] J	ND [0.0005]	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	-	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	-	0.00011 [0.0005] J, B	0.00011 [0.0005] J, B	0.00011 [0.0005] J, B	0.00011 [0.0005] J, B	0.00011 [0.0005] J, B	0.00012 [0.0005] J, B
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	-	0.000055 [0.0005] J	0.00006 [0.0005] J	0.000061 [0.0005] J	0.00012 [0.0005] J	0.000055 [0.0005] J	0.000056 [0.0005] J
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	-	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	-	-	-	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	-	-	-	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW84	MW84	MW85	MW85	MW86	MW87	MW88
				Sample ID	10FWAMW84-GWF	10FWAMW84-GWF	10FWAMW85-GWBF	10FWAMW85-GWF	10FWAMW86-GWF	10FWAMW87-GWF	10FWAMW88-GWF
				Lab Sample ID	22610-7	22610-7	22610-12	22610-9	22610-3	22610-10	22610-4
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	-	-	-	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	-	-	-	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	-	-	-	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	-	-	-	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	-	-	-	-	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	-	-	-	-	-	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	-	-	-	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	-	-	-	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	-	-	-	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	-	-	-	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	-	-	-	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	-	-	-	-	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	-	-	-	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	-	-	-	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	-	-	-	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	-	-	-	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	-	-	-	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	-	-	-	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	-	-	-	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	-	-	-	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	-	-	-	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	-	-	-	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	-	-	-	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	-	-	-	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW84	MW84	MW85	MW85	MW86	MW87	MW88
				Sample ID	10FWAMW84-GWF	10FWAMW84-GWF	10FWAMW85-GWBF	10FWAMW85-GWF	10FWAMW86-GWF	10FWAMW87-GWF	10FWAMW88-GWF
				Lab Sample ID	22610-7	22610-7	22610-12	22610-9	22610-3	22610-10	22610-4
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010	10/29/2010
				Lab	TASG	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Primary	Primary	Primary	Primary
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	-	-	-	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	-	-	-	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	-	-	-	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	-	-	-	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	-	-	-	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	-	-	-	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	-	-	-	-	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	-	-	-	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	-	-	-	-	-

Notes:

[1]18 AAC 75, Table C (ADEC 2008)
– = not analyzed
[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-TestAmerica Tacoma, Washington
TADC-TestAmerica Denver, Colorado
TASG-TestAmerica Savannah, Georgia
WG-Groundwater
For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW89	MW90	TB01	TB02	TB03	TB04	TB05
				Sample ID	10FWAMW89-GWF	10FWAMW90-GWF	10FWATB01-GWF	10FWATB02-GWF	10FWATB03-GWF	10FWATB04-GWF	10FWATB05-GWF
				Lab Sample ID	22610-11	22610-6	22489-9	22614-10	22610-14	22645-2	22682-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/27/2010	10/28/2010	10/29/2010	10/31/2010	11/1/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
8270SIM	2-Methylnaphthalene	91-57-6	mg/L	0.15	ND [0.000013]	ND [0.000013]	-	-	-	-	-
8270SIM	Acenaphthene	83-32-9	mg/L	2.2	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Acenaphthylene	208-96-8	mg/L	2.2	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Anthracene	120-12-7	mg/L	11	0.0000056 [0.0000099] J	ND [0.0000099]	-	-	-	-	-
8270SIM	Benzo(a)anthracene	56-55-3	mg/L	0.0012	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Benzo(a)pyrene	50-32-8	mg/L	0.0002	ND [0.00002]	ND [0.00002]	-	-	-	-	-
8270SIM	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Chrysene	218-01-9	mg/L	0.12	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Fluoranthene	206-44-0	mg/L	1.5	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Fluorene	86-73-7	mg/L	1.5	0.000033 [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Naphthalene	91-20-3	mg/L	0.73	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-
8270SIM	Phenanthrene	85-01-8	mg/L	11	0.0000023 [0.0000099] J, B	0.0000014 [0.0000099] J, B	-	-	-	-	-
8270SIM	Pyrene	129-00-0	mg/L	1.1	ND [0.0000099]	ND [0.0000099]	-	-	-	-	-
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2	-	-	-	ND [0.05]	ND [0.05]	ND [0.05]	ND [0.05]
AK102	Diesel-Range Organics (C10 C25)		mg/L	1.5	0.08 [0.1] J	0.092 [0.099] J	-	-	-	-	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.072 [0.1] J	0.12 [0.099]	-	-	-	-	-
E300A	Sulfate	14808-79-8	mg/L		-	-	-	-	-	-	-
E310.1	Alkalinity, Total	10300	mg/L		-	-	-	-	-	-	-
E350.1	Ammonia (un-ionized)	7664-41-7	mg/L		-	-	-	-	-	-	-
E353.2	Nitrogen, Nitrate-Nitrite	14979-65-0	mg/L		-	-	-	-	-	-	-
E365.4	Phosphorus, Total (as P)	7723-14-0	mg/L		-	-	-	-	-	-	-
RSK175	Methane	30479	mg/L		-	-	-	-	-	-	-
SW6010B	Aluminum	7429-90-5	mg/L		-	-	-	-	-	-	-
SW6010B	Boron	7440-42-8	mg/L		-	-	-	-	-	-	-
SW6010B	Calcium	7440-70-2	mg/L		-	-	-	-	-	-	-
SW6010B	Magnesium	7439-95-4	mg/L		-	-	-	-	-	-	-
SW6010B	Potassium	7440-09-7	mg/L		-	-	-	-	-	-	-
SW6010B	Sodium	7440-23-5	mg/L		-	-	-	-	-	-	-
SW6020	Antimony	7440-36-0	mg/L	0.006	-	-	-	-	-	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	-	-	-	-	-	-	-
SW6020	Barium	7440-39-3	mg/L	2	-	-	-	-	-	-	-
SW6020	Beryllium	7440-41-7	mg/L	0.004	-	-	-	-	-	-	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	-	-	-	-	-	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW89	MW90	TB01	TB02	TB03	TB04	TB05
				Sample ID	10FWAMW89-GWF	10FWAMW90-GWF	10FWATB01-GWF	10FWATB02-GWF	10FWATB03-GWF	10FWATB04-GWF	10FWATB05-GWF
				Lab Sample ID	22610-11	22610-6	22489-9	22614-10	22610-14	22645-2	22682-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/27/2010	10/28/2010	10/29/2010	10/31/2010	11/1/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW6020	Cobalt	7440-48-4	mg/L		-	-	-	-	-	-	-
SW6020	Copper	7440-50-8	mg/L	1	-	-	-	-	-	-	-
SW6020	Iron	7439-89-6	mg/L		-	-	-	-	-	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	-	-	-	-	-	-	-
SW6020	Manganese	7439-96-5	mg/L		-	-	-	-	-	-	-
SW6020	Nickel	7440-02-0	mg/L	0.1	-	-	-	-	-	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	-	-	-	-	-	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	-	-	-	-	-	-	-
SW6020	Thallium	7440-28-0	mg/L	0.002	-	-	-	-	-	-	-
SW6020	Vanadium	7440-62-2	mg/L	0.26	-	-	-	-	-	-	-
SW6020	Zinc	7440-66-6	mg/L	5	-	-	-	-	-	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	-	-	-	-	-	-	-
SW8015B	2-Butanol	78-92-2	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	Ethanol (EtOH)	64-17-5	mg/L		-	-	-	-	-	-	-
SW8015B	Ethylene glycol	107-21-1	mg/L	73	-	-	-	-	-	-	-
SW8015B	Isobutanol	78-83-1	mg/L		-	-	-	-	-	-	-
SW8015B	Isopropanol	67-63-0	mg/L		-	-	-	-	-	-	-
SW8015B	Methanol (MeOH)	67-56-1	mg/L		-	-	-	-	-	-	-
SW8015B	n-Butanol	71-36-3	mg/L	3.7	-	-	-	-	-	-	-
SW8015B	n-Propanol	71-23-8	mg/L		-	-	-	-	-	-	-
SW8015B	Propylene glycol	57-55-6	mg/L		-	-	-	-	-	-	-
SW8015B	tert-Butyl alcohol (TBA)	75-65-0	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDD	72-54-8	mg/L		-	-	-	-	-	-	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025	-	-	-	-	-	-	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025	-	-	-	-	-	-	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005	-	-	-	-	-	-	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	-	-	-	-	-	-	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	-	-	-	-	-	-	-
SW8081A	delta-BHC	319-86-8	mg/L		-	-	-	-	-	-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	-	-	-	-	-	-	-
SW8081A	Endosulfan I	959-98-8	mg/L		-	-	-	-	-	-	-
SW8081A	Endosulfan II	33213-65-9	mg/L		-	-	-	-	-	-	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L		-	-	-	-	-	-	-
SW8081A	Endrin	72-20-8	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L		-	-	-	-	-	-	-
SW8081A	Endrin ketone	53494-70-5	mg/L		-	-	-	-	-	-	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	-	-	-	-	-	-	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	-	-	-	-	-	-	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	-	-	-	-	-	-	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002	-	-	-	-	-	-	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	-	-	-	-	-	-	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	-	-	-	-	-	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW89	MW90	TB01	TB02	TB03	TB04	TB05
				Sample ID	10FWAMW89-GWF	10FWAMW90-GWF	10FWATB01-GWF	10FWATB02-GWF	10FWATB03-GWF	10FWATB04-GWF	10FWATB05-GWF
				Lab Sample ID	22610-11	22610-6	22489-9	22614-10	22610-14	22645-2	22682-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/27/2010	10/28/2010	10/29/2010	10/31/2010	11/1/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005	-	-	-	-	-	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005	-	-	-	-	-	-	-
SW8151A	2,4,5-T	93-76-5	mg/L		-	-	-	-	-	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	-	-	-	-	-	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	-	-	-	-	-	-	-
SW8151A	2,4-DB	94-82-6	mg/L		-	-	-	-	-	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-	-
SW8151A	Dalapon	75-99-0	mg/L		-	-	-	-	-	-	-
SW8151A	Dicamba	1918-00-9	mg/L		-	-	-	-	-	-	-
SW8151A	Dichlorprop	120-36-5	mg/L		-	-	-	-	-	-	-
SW8151A	Dinoseb	88-85-7	mg/L		-	-	-	-	-	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L		ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	0.00015 [0.001] J	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L		ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	ND [0.01]	0.0019 [0.01] J, B	ND [0.01]
SW8260B	Benzene	71-43-2	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7	ND [0.001]	0.0002 [0.001] J	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW89	MW90	TB01	TB02	TB03	TB04	TB05
				Sample ID	10FWAMW89-GWF	10FWAMW90-GWF	10FWATB01-GWF	10FWATB02-GWF	10FWATB03-GWF	10FWATB04-GWF	10FWATB05-GWF
				Lab Sample ID	22610-11	22610-6	22489-9	22614-10	22610-14	22645-2	22682-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/27/2010	10/28/2010	10/29/2010	10/31/2010	11/1/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8260B	Chloroform	67-66-3	mg/L	0.14	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005	ND [0.003]	ND [0.003]	ND [0.003]	0.00032 [0.003] J	0.00029 [0.003] J	ND [0.003]	ND [0.003]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L		ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]	ND [0.002]
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]	0.00003 [0.0007] J
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.000042 [0.0005] J	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.00011 [0.0005] J, B	0.00012 [0.0005] J, B	ND [0.0005]	ND [0.0005]	0.00012 [0.0005] J, B	ND [0.0005]	ND [0.0005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]	0.000057 [0.0005] J	ND [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07	-	-	-	-	-	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6	-	-	-	-	-	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3	-	-	-	-	-	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	-	-	-	-	-	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	-	-	-	-	-	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	-	-	-	-	-	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11	-	-	-	-	-	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73	-	-	-	-	-	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073	-	-	-	-	-	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-	-

2010 Taku Gardens Fall Groundwater Results

				Loc ID	MW89	MW90	TB01	TB02	TB03	TB04	TB05
				Sample ID	10FWAMW89-GWF	10FWAMW90-GWF	10FWATB01-GWF	10FWATB02-GWF	10FWATB03-GWF	10FWATB04-GWF	10FWATB05-GWF
				Lab Sample ID	22610-11	22610-6	22489-9	22614-10	22610-14	22645-2	22682-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/27/2010	10/28/2010	10/29/2010	10/31/2010	11/1/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9	-	-	-	-	-	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18	-	-	-	-	-	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L		-	-	-	-	-	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15	-	-	-	-	-	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8	-	-	-	-	-	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L		-	-	-	-	-	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L		-	-	-	-	-	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019	-	-	-	-	-	-	-
SW8270	3-Methylphenol/ 4-Methylphenol Coelution		mg/L	0.18	-	-	-	-	-	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L		-	-	-	-	-	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L		-	-	-	-	-	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L		-	-	-	-	-	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016	-	-	-	-	-	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L		-	-	-	-	-	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L		-	-	-	-	-	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L		-	-	-	-	-	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2	-	-	-	-	-	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2	-	-	-	-	-	-	-
SW8270	Anthracene	120-12-7	mg/L	11	-	-	-	-	-	-	-
SW8270	Azobenzene	103-33-3	mg/L		-	-	-	-	-	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002	-	-	-	-	-	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1	-	-	-	-	-	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012	-	-	-	-	-	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150	-	-	-	-	-	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L		-	-	-	-	-	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3	-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L		-	-	-	-	-	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077	-	-	-	-	-	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L		-	-	-	-	-	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006	-	-	-	-	-	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043	-	-	-	-	-	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12	-	-	-	-	-	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012	-	-	-	-	-	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073	-	-	-	-	-	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29	-	-	-	-	-	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370	-	-	-	-	-	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7	-	-	-	-	-	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5	-	-	-	-	-	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5	-	-	-	-	-	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5	-	-	-	-	-	-	-

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				Lab Sample ID	22610-11	22610-6	22489-9	22614-10	22610-14	22645-2	22682-2
				Matrix	WG	WG	WG	WG	WG	WG	WG
				Sample Date	10/29/2010	10/29/2010	10/27/2010	10/28/2010	10/29/2010	10/31/2010	11/1/2010
				Lab	TATW	TATW	TATW	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Method	Analyte	CAS Number	Units	ADEC Criteria[1]							
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	-	-	-	-	-	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	-	-	-	-	-	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	-	-	-	-	-	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012	-	-	-	-	-	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9	-	-	-	-	-	-	-
SW8270	Naphthalene	91-20-3	mg/L	0.73	-	-	-	-	-	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017	-	-	-	-	-	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012	-	-	-	-	-	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17	-	-	-	-	-	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-	-	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11	-	-	-	-	-	-	-
SW8270	Phenol	108-95-2	mg/L	11	-	-	-	-	-	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1	-	-	-	-	-	-	-
SW8321A	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1	-	-	-	-	-	-	-
SW8321A	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037	-	-	-	-	-	-	-
SW8321A	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018	-	-	-	-	-	-	-
SW8321A	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8321A	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013	-	-	-	-	-	-	-
SW8321A	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073	-	-	-	-	-	-	-
SW8321A	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073	-	-	-	-	-	-	-
SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077	-	-	-	-	-	-	-
SW8321A	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15	-	-	-	-	-	-	-
SW8321A	m-Nitrotoluene	99-08-1	mg/L	0.73	-	-	-	-	-	-	-
SW8321A	Nitrobenzene	98-95-3	mg/L	0.018	-	-	-	-	-	-	-
SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8	-	-	-	-	-	-	-
SW8321A	o-Nitrotoluene	88-72-2	mg/L	0.0037	-	-	-	-	-	-	-
SW8321A	p-Nitrotoluene	99-99-0	mg/L	0.05	-	-	-	-	-	-	-

Notes:
[1]18 AAC 75, Table C (ADEC 2008)
– = not analyzed
[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-TestAmerica Tacoma, Washington
TADC-TestAmerica Denver, Colorado
TASG-TestAmerica Savannah, Georgia
WG-Groundwater
For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater ADEC Exceedances

				Loc ID	MW03	MW06A	MW12	MW12
				Sample ID	10FWAMW03-GWF	10FWAMW06A-GWF	10FWAMW12-GWBF	10FWAMW12-GWF
				Lab Sample ID	22614-9	22682-4	22682-6	22682-5
				Matrix	WG	WG	WG	WG
				Sample Date	10/28/2010	11/1/2010	11/1/2010	11/1/2010
				Lab	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**				
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.11 [0.1]	**7.2 [0.48]**	**5.1 [0.49]**	**6.5 [0.5]**
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.15 [0.1]	0.33 [0.48] J	0.19 [0.49] J	0.29 [0.5] J
SW6020	Arsenic	7440-38-2	mg/L	0.01	**0.026 [0.002]**	0.0045 [0.002]	0.0028 [0.002]	0.0034 [0.002]
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	0.000071 [0.0000097]	ND [0.0000029]	0.000022 [0.0000097]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.0000029] JL-	ND [0.0000029]	0.000054 [0.000019] JD	0.000022 [0.000019] JD
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.0000029]	**0.000063 [0.000019]**	ND [0.0000029]	ND [0.0000029]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000029]	ND [0.0000029]	0.000025 [0.0000097]	ND [0.0000029]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.00045]	ND [0.00045]	ND [0.00045]	ND [0.00045]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0009]	ND [0.0009]	ND [0.0009]	ND [0.0009]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00045]	ND [0.00045]	ND [0.00045]	ND [0.00045]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.00005]	**0.000085 [0.0001] J**	ND [0.00005]	ND [0.00005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00005]	0.000069 [0.0005] J	ND [0.00005]	0.000077 [0.0005] J
SW8270	bis-(2-Ethylhexyl) phthalate	117-81-7	mg/L	0.006	ND [0.00097]	ND [0.00097]	ND [0.00097]	ND [0.00097]

Notes:
[1] 18 AAC 75, Table C (ADEC 2008)
Bold = Result exceeds ADEC criteria
– = not analyzed
[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-TestAmerica Tacoma, Washington
WG-Groundwater
For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater ADEC Exceedances

				Loc ID	MW32	MW33	MW40	MW47
				Sample ID	10FWAMW32-GWF	10FWAMW33-GWF	10FWAMW40-GWF	10FWAMW47-GWF
				Lab Sample ID	22682-3	22682-1	22489-1	22489-6
				Matrix	WG	WG	WG	WG
				Sample Date	11/1/2010	11/1/2010	10/27/2010	10/27/2010
				Lab	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**				
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.23 [0.099]	**31 [0.97]**	0.094 [0.096] J	0.11 [0.1]
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.13 [0.099]	**2.1 [0.97]**	0.087 [0.096] J	0.1 [0.1]
SW6020	Arsenic	7440-38-2	mg/L	0.01	0.00069 [0.002] J,B	**0.031 [0.002]**	**0.012 [0.002]**	0.00057 [0.002] J
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	**0.00089 [0.0000099]**	ND [0.0000029]	ND [0.0000029]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.0000029]	**0.0012 [0.00002]**	ND [0.0000029]	ND [0.0000029]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.0000029]	**0.00014 [0.00002]**	ND [0.0000029]	ND [0.0000029]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000029]	**0.0008 [0.0000099]**	ND [0.0000029]	ND [0.0000029]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.00045]	ND [0.00045]	ND [0.00045]	**0.0004 [0.001] J**
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0009]	**0.00047 [0.001] J**	ND [0.0009]	ND [0.0009]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00045]	ND [0.00045]	ND [0.00045]	ND [0.00045]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.00005]	ND [0.00005]	ND [0.00005]	ND [0.00005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00005]	0.000055 [0.0005] J	0.000035 [0.0005] J	ND [0.00005]
SW8270	bis-(2-Ethylhexyl) phthalate	117-81-7	mg/L	0.006	**0.019 [0.0073]**	ND [0.0097]	ND [0.00096]	ND [0.00097]

Notes:
[1] 18 AAC 75, Table C (ADEC 2008)
Bold = Result exceeds ADEC criteria
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mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-TestAmerica Tacoma, Washington
WG-Groundwater
For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater ADEC Exceedances

				Loc ID	MW56	MW61	MW62	MW64
				Sample ID	10FWAMW56-GWF	10FWAMW61-GWF	10FWAMW62-GWF	10FWAMW64-GWBF
				Lab Sample ID	22645-6	22645-5	22645-1	22645-10
				Matrix	WG	WG	WG	WG
				Sample Date	10/31/2010	10/31/2010	10/31/2010	10/31/2010
				Lab	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Duplicate
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**				
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.24 [0.1]	0.16 [0.098]	**29 [1.1]**	0.3 [0.099]
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.14 [0.1]	0.16 [0.098]	**4.6 [1.1]**	0.22 [0.099]
SW6020	Arsenic	7440-38-2	mg/L	0.01	**0.017 [0.002]**	**0.015 [0.002]**	0.0034 [0.002]	**0.017 [0.002]**
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.0000029]	ND [0.0000029]	**0.00081 [0.000019]**	ND [0.0000029]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]	ND [0.0000029]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.00045]	ND [0.00045]	ND [0.00045]	ND [0.00045]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0009]	ND [0.0009]	ND [0.0009]	ND [0.0009]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.00099 [0.001] J	**0.0076 [0.001]**	0.0016 [0.001]	0.0013 [0.001]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.00005]	ND [0.00005]	ND [0.00005]	ND [0.00005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.0011 [0.0005]	**0.0075 [0.0005]**	0.0014 [0.0005]	0.0012 [0.0005]
SW8270	bis-(2-Ethylhexyl) phthalate	117-81-7	mg/L	0.006	ND [0.00097]	ND [0.00097]	ND [0.00098] JS	**0.024 [0.0074]**

Notes:
[1] 18 AAC 75, Table C (ADEC 2008)
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mg/L = milligram per liter
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QA/QC - quality assurance/quality control
TATW-TestAmerica Tacoma, Washington
WG-Groundwater
For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater ADEC Exceedances

				Loc ID	MW64	MW78	MW79	MW80
				Sample ID	10FWAMW64-GWF	10FWAMW78-GWF	10FWAMW79-GWF	10FWAMW80-GWF
				Lab Sample ID	22645-9	22489-4	22489-5	22645-8
				Matrix	WG	WG	WG	WG
				Sample Date	10/31/2010	10/27/2010	10/27/2010	10/31/2010
				Lab	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**				
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-	-	-	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.26 [0.098]	0.067 [0.099] J	0.15 [0.095]	0.065 [0.099] J
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.17 [0.098]	0.067 [0.099] J	0.17 [0.095]	0.085 [0.099] J
SW6020	Arsenic	7440-38-2	mg/L	0.01	**0.018 [0.002]**	**0.011 [0.002]**	**0.024 [0.002]**	**0.011 [0.002]**
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029] JM-	ND [0.0000032]	ND [0.0000029]	ND [0.0000029]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.0000029] JM-	ND [0.0000032]	ND [0.0000029]	ND [0.0000029]
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.0000029]	ND [0.0000032]	ND [0.0000029]	ND [0.0000029]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000029]	ND [0.0000032]	ND [0.0000029]	ND [0.0000029]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.00045]	ND [0.00045]	**0.0005 [0.001] J**	ND [0.00045]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0009]	ND [0.0009]	ND [0.0009]	ND [0.0009]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.0012 [0.001]	ND [0.00045]	ND [0.00045]	ND [0.00045]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.00005]	ND [0.00005]	ND [0.00005]	ND [0.00005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.0011 [0.0005]	ND [0.00005]	ND [0.00005]	0.00018 [0.0005] J, B
SW8270	bis-(2-Ethylhexyl) phthalate	117-81-7	mg/L	0.006	ND [0.00096]	ND [0.001]	ND [0.00096]	ND [0.00098]

Notes:
[1] 18 AAC 75, Table C (ADEC 2008)
Bold = Result exceeds ADEC criteria
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[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-TestAmerica Tacoma, Washington
WG-Groundwater
For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Fall Groundwater ADEC Exceedances

				Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	MW81 10FWAMW81-GWF 22614-1 WG 10/28/2010 TATW Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	
8270SIM	Pentachlorophenol	87-86-5	mg/L	0.001	-
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5	0.13 [0.095]
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1	0.16 [0.095]
SW6020	Arsenic	7440-38-2	mg/L	0.01	**0.013 [0.002]**
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014	ND [0.0000029]
SW8081A	beta-BHC	319-85-7	mg/L	0.00047	ND [0.0000029] JL-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053	ND [0.0000029]
SW8081A	Heptachlor	76-44-8	mg/L	0.0004	ND [0.0000029]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.00045]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0009]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00045]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.00005]
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.00005]
SW8270	bis-(2-Ethylhexyl) phthalate	117-81-7	mg/L	0.006	ND [0.00098]

Notes:
[1] 18 AAC 75, Table C (ADEC 2008)
Bold = Result exceeds ADEC criteria
– = not analyzed
[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-TestAmerica Tacoma, Washington
WG-Groundwater
For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Groundwater Waste Results

					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	TAKU-W01 10FWA-TAKU-WW-W01 580-20965-1 WW 8/12/2010 TATW	TAKU-TB09 10FWA-TAKU-TB09 580-20965-2 WW 8/12/2010 TATW
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	**RCRA TCLP Concentration (mg/L)[2]**		
AK101	Gasoline-Range Organics (C6-C10)		mg/L	2.2		ND [0.05]	ND [0.05]
AK102	Diesel-Range Organics (C10-C25)		mg/L	1.5		0.49 [0.096]	-
AK103	Residual-Range Organics (C25-C36)		mg/L	1.1		0.32 [0.096]	-
SW6020	Antimony	7440-36-0	mg/L	0.006		0.0017 [0.002] J,B	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	5	ND [0.002]	-
SW6020	Barium	7440-39-3	mg/L	2	100	0.03 [0.006]	-
SW6020	Beryllium	7440-41-7	mg/L	0.004		ND [0.002]	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	1	ND [0.002]	-
SW6020	Chromium	7440-47-3	mg/L	0.1	5	0.005 [0.002]	-
SW6020	Cobalt	7440-48-4	mg/L			0.00046 [0.002] J	-
SW6020	Copper	7440-50-8	mg/L	1		0.0046 [0.005] J	-
SW6020	Iron	7439-89-6	mg/L			3.9 [0.2]	-
SW6020	Lead	7439-92-1	mg/L	0.015	5	0.0059 [0.002]	-
SW6020	Manganese	7439-96-5	mg/L			0.051 [0.002]	-
SW6020	Nickel	7440-02-0	mg/L	0.1		0.018 [0.002]	-
SW6020	Selenium	7782-49-2	mg/L	0.05	1	0.0023 [0.002] B	-
SW6020	Silver	7440-22-4	mg/L	0.1	5	ND [0.002]	-
SW6020	Thallium	7440-28-0	mg/L	0.002		0.00051 [0.004] J, B	-
SW6020	Vanadium	7440-62-2	mg/L	0.26		ND [0.01]	-
SW6020	Zinc	7440-66-6	mg/L	5		0.019 [0.007]	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	0.2	ND [0.0002]	-
SW8081A	4,4'-DDD	72-54-8	mg/L	0.0035		0.0000066 [0.00002] J	-
SW8081A	4,4'-DDE	72-55-9	mg/L	0.0025		ND [0.00002]	-
SW8081A	4,4'-DDT	50-29-3	mg/L	0.0025		ND [0.00002]	-
SW8081A	Aldrin	309-00-2	mg/L	0.00005		ND [0.00001]	-
SW8081A	alpha-BHC	319-84-6	mg/L	0.00014		ND [0.00001]	-
SW8081A	alpha-Chlordane	5103-71-9	mg/L	0.002	0.03	ND [0.00001]	-
SW8081A	beta-BHC	319-85-7	mg/L	0.00047		ND [0.00002]	-
SW8081A	delta-BHC	319-86-8	mg/L			ND [0.00001] JL-	-
SW8081A	Dieldrin	60-57-1	mg/L	0.000053		ND [0.00002]	-
SW8081A	Endosulfan I	959-98-8	mg/L			ND [0.00002]	-

2010 Taku Gardens Groundwater Waste Results

					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	TAKU-W01 10FWA-TAKU-WW-W01 580-20965-1 WW 8/12/2010 TATW	TAKU-TB09 10FWA-TAKU-TB09 580-20965-2 WW 8/12/2010 TATW
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	**RCRA TCLP Concentration (mg/L)[2]**		
SW8081A	Endosulfan II	33213-65-9	mg/L			ND [0.00002]	-
SW8081A	Endosulfan sulfate	1031-07-8	mg/L			0.0000019 [0.00002] J	-
SW8081A	Endrin	72-20-8	mg/L	0.002	0.02	ND [0.00002]	-
SW8081A	Endrin aldehyde	7421-93-4	mg/L			ND [0.00005]	-
SW8081A	Endrin ketone	53494-70-5	mg/L			ND [0.00002]	-
SW8081A	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	0.4	ND [0.00001]	-
SW8081A	gamma-Chlordane	5103-74-2	mg/L	0.002	0.03	ND [0.00001]	-
SW8081A	Heptachlor	76-44-8	mg/L	0.0004		ND [0.00001]	-
SW8081A	Heptachlor epoxide	1024-57-3	mg/L	0.0002		ND [0.00001]	-
SW8081A	Methoxychlor	72-43-5	mg/L	0.04	10	ND [0.0001]	-
SW8081A	Toxaphene	8001-35-2	mg/L	0.003	0.5	ND [0.001]	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005		ND [0.0005]	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005		ND [0.0005]	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005		ND [0.0005]	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005		ND [0.0005]	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005		ND [0.0005]	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005		ND [0.0005]	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005		ND [0.0005]	-
SW8151A	2,4,5-T	93-76-5	mg/L			ND [0.00026]	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	1	ND [0.00026]	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	10	ND [0.00026]	-
SW8151A	2,4-DB	94-82-6	mg/L			ND [0.00026]	-
SW8151A	4-Nitrophenol	100-02-7	mg/L			ND [0.00026]	-
SW8151A	Dalapon	75-99-0	mg/L			ND [0.00041]	-
SW8151A	Dicamba	1918-00-9	mg/L			ND [0.00026]	-
SW8151A	Dichlorprop	120-36-5	mg/L			ND [0.00026]	-

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					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	TAKU-W01 10FWA-TAKU-WW-W01 580-20965-1 WW 8/12/2010 TATW	TAKU-TB09 10FWA-TAKU-TB09 580-20965-2 WW 8/12/2010 TATW
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	**RCRA TCLP Concentration (mg/L)[2]**		
SW8151A	Dinoseb	88-85-7	mg/L			ND [0.00026]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L			ND [0.001]	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2		ND [0.001]	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043		ND [0.001]	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005		ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3		ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.7	ND [0.001]	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L			ND [0.001]	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012		ND [0.001]	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07		ND [0.001]	ND [0.001]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8		ND [0.001]	ND [0.001]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L			ND [0.002]	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005		ND [0.001]	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6		ND [0.001]	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.5	ND [0.001]	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005		ND [0.001]	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8		ND [0.001]	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3		ND [0.001]	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L			ND [0.001]	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	7.5	ND [0.001]	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L			ND [0.001]	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	200	ND [0.01]	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L			ND [0.001]	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L			ND [0.005]	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L			ND [0.001]	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L			0.00026 [0.001] J, B	0.00026 [0.001] J
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9		ND [0.005]	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33		ND [0.005]	ND [0.005]
SW8260B	Benzene	71-43-2	mg/L	0.005	0.5	ND [0.001]	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L			ND [0.001]	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L			ND [0.001]	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014		ND [0.001]	ND [0.001]

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					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	TAKU-W01 10FWA-TAKU-WW-W01 580-20965-1 WW 8/12/2010 TATW	TAKU-TB09 10FWA-TAKU-TB09 580-20965-2 WW 8/12/2010 TATW
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	**RCRA TCLP Concentration (mg/L)[2]**		
SW8260B	Bromoform	75-25-2	mg/L	0.11		ND [0.001]	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051		ND [0.005]	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7		0.00028 [0.001] J	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	0.5	ND [0.001]	ND [0.001]
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	100	ND [0.001]	ND [0.001]
SW8260B	Chloroethane	75-00-3	mg/L	0.29		ND [0.005]	ND [0.005]
SW8260B	Chloroform	67-66-3	mg/L	0.14	6	ND [0.001]	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066		ND [0.005]	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07		ND [0.001]	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L			ND [0.001]	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01		ND [0.001]	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37		ND [0.001]	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3		ND [0.001]	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7		ND [0.001]	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	0.5	ND [0.001]	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7		0.00024 [0.001] J	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005		ND [0.001]	ND [0.001]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47		ND [0.001]	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73		ND [0.001]	ND [0.001]
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37		0.00022 [0.001] J, B	0.00021 [0.001] J
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37		0.00017 [0.001] J, B	ND [0.001]
SW8260B	o-Xylene	95-47-6	mg/L	10		ND [0.001]	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37		ND [0.001]	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1		ND [0.001]	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37		ND [0.001]	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.7	0.00031 [0.001] J	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1		ND [0.001]	0.00008 [0.001] J
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1		ND [0.001]	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L			ND [0.001]	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.5	ND [0.001]	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11		ND [0.001]	ND [0.001]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	0.2	ND [0.001]	ND [0.001]

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					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	TAKU-W01 10FWA-TAKU-WW-W01 580-20965-1 WW 8/12/2010 TATW	TAKU-TB09 10FWA-TAKU-TB09 580-20965-2 WW 8/12/2010 TATW
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	**RCRA TCLP Concentration (mg/L)[2]**		
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10		ND [0.002]	ND [0.002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07		ND [0.0002]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6		ND [0.0002]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3		ND [0.0002]	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	7.5	ND [0.0002]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	400	ND [0.0002]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	2	ND [0.0003]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11		ND [0.0002]	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73		ND [0.00051]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073		ND [0.0025]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	0.131	ND [0.0002]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013		ND [0.0002]	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9		ND [0.00003]	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18		ND [0.0002]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L			ND [0.002]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15		0.00002 [0.0001] J	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8		ND [0.0002]	-
SW8270	2-Nitroaniline	88-74-4	mg/L			ND [0.0002]	-
SW8270	2-Nitrophenol	88-75-5	mg/L			ND [0.0002]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019		ND [0.001]	-
SW8270	3-Methylphenol/4-Methylphenol Coelution		mg/L	0.18		0.000031 [0.0004] J	-
SW8270	3-Nitroaniline	99-09-2	mg/L			ND [0.0002]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L			ND [0.0002]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L			ND [0.0002]	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016		ND [0.0002]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L			ND [0.0002]	-
SW8270	4-Nitroaniline	100-01-6	mg/L			ND [0.0003]	-
SW8270	4-Nitrophenol	100-02-7	mg/L			ND [0.001]	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2		ND [0.000051]	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2		ND [0.00004]	-

2010 Taku Gardens Groundwater Waste Results

					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	TAKU-W01 10FWA-TAKU-WW-W01 580-20965-1 WW 8/12/2010 TATW	TAKU-TB09 10FWA-TAKU-TB09 580-20965-2 WW 8/12/2010 TATW
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	**RCRA TCLP Concentration (mg/L)[2]**		
SW8270	Anthracene	120-12-7	mg/L	11		ND [0.00002]	-
SW8270	Azobenzene	103-33-3	mg/L			ND [0.00051]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012		ND [0.00003]	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002		ND [0.00002]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012		ND [0.00004]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1		ND [0.00003]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012		ND [0.00003]	-
SW8270	Benzoic acid	65-85-0	mg/L	150		0.0015 [0.0035] J,JC+	-
SW8270	Benzyl alcohol	100-51-6	mg/L			0.000025 [0.0002] J, B	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3		ND [0.0003]	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L			ND [0.0002]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077		ND [0.0002]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L			ND [0.0002]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006		ND [0.0015]	-
SW8270	Carbazole	86-74-8	mg/L	0.043		ND [0.0002]	-
SW8270	Chrysene	218-01-9	mg/L	0.12		0.0000089 [0.00002] J	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012		ND [0.00003]	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073		ND [0.0002]	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29		0.000063 [0.0002] J, B	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370		0.000031 [0.0002] J, B	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7		0.00012 [0.0002] J, B	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5		ND [0.0002]	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5		ND [0.000025]	-
SW8270	Fluorene	86-73-7	mg/L	1.5		ND [0.00003]	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	0.131	ND [0.0002]	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	0.5	ND [0.0003]	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	3	ND [0.0003]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012		ND [0.00003]	-
SW8270	Isophorone	78-59-1	mg/L	0.9		ND [0.0002]	-
SW8270	Naphthalene	91-20-3	mg/L	0.73		0.000013 [0.0002] J	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	2	ND [0.0002]	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017		ND [0.001]	-

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					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	TAKU-W01 10FWA-TAKU-WW-W01 580-20965-1 WW 8/12/2010 TATW	TAKU-TB09 10FWA-TAKU-TB09 580-20965-2 WW 8/12/2010 TATW
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	**RCRA TCLP Concentration (mg/L)[2]**		
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012		ND [0.0002]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17		ND [0.0002]	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	100	ND [0.00035]	-
SW8270	Phenanthrene	85-01-8	mg/L	11		ND [0.00004]	-
SW8270	Phenol	108-95-2	mg/L	11		ND [0.0003]	-
SW8270	Pyrene	129-00-0	mg/L	1.1		ND [0.00003]	-

Notes:
[1]18 AAC 75, Table C (ADEC 2008)
[2]McCoy and Associates, 2009. McCoy's RCRA Reference, Table 1 Maximum Concentration of Contaminants for Toxicity Characteristic.
– = not analyzed
[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-Test America Tacoma Washington
WW - Waste Water
For data qualifier definitions, see the Data Quality Assessment.

ATTACHMENT B-2

Qualified Data Tables

Attachment B-2, Table B-2-1
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	Benzene	ND	mg/L	JH
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	Carbon tetrachloride	ND	mg/L	JH
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	1,2-Dichloroethane	ND	mg/L	JH
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	1,1-Dichloroethene	ND	mg/L	JH
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	1,2-Dibromoethane	ND	mg/L	JH
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	1,1,2,2-Tetrachloroethane	ND	mg/L	JH
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	Tetrachloroethene (PCE)	ND	mg/L	JH
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	Trichloroethene (TCE)	ND	mg/L	JH
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260L	Vinyl chloride	ND	mg/L	JH
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260L	Benzene	ND	mg/L	JH
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260L	Carbon tetrachloride	ND	mg/L	JH
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260L	1,1-Dichloroethene	ND	mg/L	JH
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260L	1,2-Dibromoethane	ND	mg/L	JH
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260L	1,1,2,2-Tetrachloroethane	ND	mg/L	JH
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260L	Tetrachloroethene (PCE)	ND	mg/L	JH
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260L	Trichloroethene (TCE)	ND	mg/L	JH
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260L	Vinyl chloride	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Bromodichloromethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Bromobenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Bromochloromethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Bromomethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	n-Butylbenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	sec-Butylbenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	tert-Butylbenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Benzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Toluene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Carbon disulfide	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Chlorobenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	2-Chlorotoluene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	4-Chlorotoluene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Chloroethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Chloromethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Carbon tetrachloride	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	4-Isopropyltoluene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Dibromochloromethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Dibromomethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,1-Dichloroethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2-Dichloroethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2-Dichlorobenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,3-Dichlorobenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,4-Dichlorobenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,1-Dichloroethene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	cis-1,2-Dichloroethene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	trans-1,2-Dichloroethene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,1-Dichloropropene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	cis-1,3-Dichloropropene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	trans-1,3-Dichloropropene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2-Dichloropropane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,3-Dichloropropane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	2,2-Dichloropropane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Ethylbenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2-Dibromoethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Dichlorodifluoromethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Hexachlorobutadiene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	2-Hexanone	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Isopropylbenzene	ND	mg/L	JH

Attachment B-2, Table B-2-1
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	2-Butanone	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	4-Methyl-2-pentanone	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Methyl-tert-butyl ether (MTBE)	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Methylene chloride	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Naphthalene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	n-Propylbenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,1,2,2-Tetrachloroethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Tetrachloroethene (PCE)	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Styrene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Bromoform	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,1,1,2-Tetrachloroethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,1,1-Trichloroethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,1,2-Trichloroethane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2,4-Trichlorobenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Trichloroethene (TCE)	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Chloroform	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2,3-Trichloropropane	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2,4-Trimethylbenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,3,5-Trimethylbenzene	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Vinyl chloride	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	Xylene, Isomers m & p	ND	mg/L	JH
10FWAMW84-GWS	580-20639-14	580-20639-1	SW8260B	o-Xylene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Acetone	0.014	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Bromodichloromethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Bromobenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Bromochloromethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Bromomethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	n-Butylbenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	sec-Butylbenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	tert-Butylbenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Benzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Carbon disulfide	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Chlorobenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	2-Chlorotoluene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	4-Chlorotoluene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Chloroethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Chloromethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Carbon tetrachloride	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	4-Isopropyltoluene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Dibromochloromethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2-Dibromo-3-chloropropane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Dibromomethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,1-Dichloroethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2-Dichloroethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2-Dichlorobenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,3-Dichlorobenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,4-Dichlorobenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,1-Dichloroethene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	cis-1,2-Dichloroethene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	trans-1,2-Dichloroethene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,1-Dichloropropene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	cis-1,3-Dichloropropene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	trans-1,3-Dichloropropene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2-Dichloropropane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,3-Dichloropropane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	2,2-Dichloropropane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Ethylbenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2-Dibromoethane	ND	mg/L	JH

Attachment B-2, Table B-2-1
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Trichlorofluoromethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Dichlorodifluoromethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Hexachlorobutadiene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	2-Hexanone	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Isopropylbenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	4-Methyl-2-pentanone	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Methyl-tert-butyl ether (MTBE)	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Methylene chloride	0.011	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Naphthalene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	n-Propylbenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,1,2,2-Tetrachloroethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Tetrachloroethene (PCE)	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Styrene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Bromoform	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,1,1,2-Tetrachloroethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,1,1-Trichloroethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,1,2-Trichloroethane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2,4-Trichlorobenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Trichloroethene (TCE)	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Chloroform	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2,3-Trichloropropane	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2,4-Trimethylbenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,3,5-Trimethylbenzene	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Vinyl chloride	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	Xylene, Isomers m & p	ND	mg/L	JH
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	o-Xylene	ND	mg/L	JH

JH = Estimate due to hold time
ND = non-detect
mg/L = milligrams per liter

Attachment B-2, Table B-2-2
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	2-Butanol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	Ethanol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	Ethylene Glycol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	Isobutanol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	Isopropanol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	Methanol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	n-Butanol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	n-Propanol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	Propylene Glycol	ND	mg/L	JH
10FWAMW48-GWF	580-22489-4	580-22489-2	SW8015B	tert-Butyl Alcohol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	2-Butanol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	Ethanol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	Ethylene Glycol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	Isobutanol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	Isopropanol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	Methanol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	n-Butanol	0.62	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	n-Propanol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	Propylene Glycol	ND	mg/L	JH
10FWAMW56-GWF	580-22645-6	580-22645-2	SW8015B	tert-Butyl Alcohol	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	1,3,5-Trinitrobenzene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	1,3-Dinitrobenzene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	2,4,6-Trinitrotoluene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	2,4-Dinitrotoluene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	2,6-Dinitrotoluene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	m-Nitrotoluene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	Nitrobenzene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	o-Nitrotoluene	ND	mg/L	JH
10FWAMW26-GWF	580-22614-7	580-22614	SW8321A	p-Nitrotoluene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	1,3,5-Trinitrobenzene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	1,3-Dinitrobenzene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	2,4,6-Trinitrotoluene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	2,4-Dinitrotoluene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	2,6-Dinitrotoluene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	m-Nitrotoluene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	Nitrobenzene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	o-Nitrotoluene	ND	mg/L	JH
10FWAMW53-GWF	580-22614-8	580-22614	SW8321A	p-Nitrotoluene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	1,3,5-Trinitrobenzene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	1,3-Dinitrobenzene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	2,4,6-Trinitrotoluene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	2,4-Dinitrotoluene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	2,6-Dinitrotoluene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	m-Nitrotoluene	ND	mg/L	JH

Attachment B-2, Table B-2-2
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Hold Time Exceedances

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Result	Units	Qualifier
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	Nitrobenzene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	o-Nitrotoluene	ND	mg/L	JH
10FWAMW57-GWF	580-22614-6	580-22614	SW8321A	p-Nitrotoluene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	1,3,5-Trinitrobenzene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	1,3-Dinitrobenzene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	2,4,6-Trinitrotoluene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	2,4-Dinitrotoluene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	2,6-Dinitrotoluene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	m-Nitrotoluene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	Nitrobenzene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	o-Nitrotoluene	ND	mg/L	JH
10FWAMW69-GWF	580-22614-5	580-22614	SW8321A	p-Nitrotoluene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	1,3,5-Trinitrobenzene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	1,3-Dinitrobenzene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	2,4,6-Trinitrotoluene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	2,4-Dinitrotoluene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	2,6-Dinitrotoluene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	2-Amino-4,6-dinitrotoluene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	4-Amino-2,6-dinitrotoluene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	Methyl-2,4,6-trinitrophenylnitramine	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	m-Nitrotoluene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	Nitrobenzene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	o-Nitrotoluene	ND	mg/L	JH
10FWAMW70-GWF	580-22614-3	580-22614	SW8321A	p-Nitrotoluene	ND	mg/L	JH

JH = Estimate due to hold time
ND = non-detect
mg/L = milligrams per liter

Attachment B-2, Table B-2-3
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
Method Blank	68346-8	68346	SW8260B	1,2,4-Trimethylbenzene	0.000352	mg/L	
10FWATB02-GWS	580-20482-8	68346	SW8260B	1,2,4-Trimethylbenzene	0.00035	mg/L	J, B
10FWATB01-GWBS	580-20463-5	68346	SW8260B	1,2,4-Trimethylbenzene	0.00035	mg/L	J, B
10FWAMW39-GWBS	580-20463-4	68346	SW8260B	1,2,4-Trimethylbenzene	0.00035	mg/L	J, B
Method Blank	70208-18	68485	8270SIM	2-Methylnaphthalene	0.0000034	mg/L	
10FWAMW88-GWS	580-20639-5	68485	8270SIM	2-Methylnaphthalene	0.0000036	mg/L	J, B
10FWAMW84-GWS	580-20605-6	68485	8270SIM	2-Methylnaphthalene	0.0000043	mg/L	J, B
Method Blank	68346-8	68346	SW8260B	4-Isopropyltoluene	0.000278	mg/L	
10FWATB02-GWS	580-20482-8	68346	SW8260B	4-Isopropyltoluene	0.00028	mg/L	J, B
10FWAMW78-GWS	580-20463-2	68346	SW8260B	4-Isopropyltoluene	0.00027	mg/L	J, B
Method Blank	70387-7	70387	SW8260B	4-Isopropyltoluene	0.000263	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	70387	SW8260B	4-Isopropyltoluene	0.00026	mg/L	J, B
10FWA-TAKU-TB09	580-20965-2	70387	SW8260B	4-Isopropyltoluene	0.00026	mg/L	J, B
Method Blank	70047-14	69967	SW6020	Antimony	0.0016	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	69967	SW6020	Antimony	0.0017	mg/L	J,B
10FWAMW77-GWS	580-20639-2	69967	SW6020	Antimony	0.0029	mg/L	B
10FWAMW45-GWS	580-20605-3	69967	SW6020	Antimony	0.0013	mg/L	J, B
10FWAMW40-GWS	580-20605-4	69967	SW6020	Antimony	0.0026	mg/L	B
Method Blank	69586-69	69557	SW6020	Arsenic	0.000269	mg/L	
10FWAMW32-GWS	580-20526-4	69557	SW6020	Arsenic	0.00038	mg/L	J, B
Method Blank	69343-20	68485	SW8270	Benzyl alcohol	0.0000208	mg/L	
10FWAMW45-GWS	580-20605-3	68485	SW8270	Benzyl alcohol	0.000037	mg/L	J, B
10FWAMW40-GWS	580-20605-4	68485	SW8270	Benzyl alcohol	0.000041	mg/L	J, B
Method Blank	71120-6	69798	SW8270	Benzyl alcohol	0.0000152	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	69798	SW8270	Benzyl alcohol	0.000025	mg/L	J, B
Method Blank	68076-8	67938	SW8270	Benzyl butyl phthalate	0.000379	mg/L	
10FWAMW78-GWS	580-20463-2	67938	SW8270	Benzyl butyl phthalate	0.00012	mg/L	J, B
10FWAMW47-GWS	580-20475-1	67938	SW8270	Benzyl butyl phthalate	0.00031	mg/L	B
10FWAMW39-GWS	580-20463-3	67938	SW8270	Benzyl butyl phthalate	0.00011	mg/L	J, B
10FWAMW39-GWBS	580-20463-4	67938	SW8270	Benzyl butyl phthalate	0.00011	mg/L	J, B
10FWAMW13-GWS	580-20463-1	67938	SW8270	Benzyl butyl phthalate	0.00014	mg/L	J, B
Method Blank	69343-5	68021	SW8270	Benzyl butyl phthalate	0.0000983	mg/L	
10FWAMW80-GWS	580-20482-5	68021	SW8270	Benzyl butyl phthalate	0.00014	mg/L	J, B
10FWAMW79-GWS	580-20482-1	68021	SW8270	Benzyl butyl phthalate	0.000095	mg/L	J, B
10FWAMW70-GWS	580-20484-5	68021	SW8270	Benzyl butyl phthalate	0.00013	mg/L	J, B
10FWAMW69-GWS	580-20482-2	68021	SW8270	Benzyl butyl phthalate	0.00013	mg/L	J, B
10FWAMW64-GWS	580-20484-2	68021	SW8270	Benzyl butyl phthalate	0.00011	mg/L	J, B
10FWAMW64-GWBS	580-20484-3	68021	SW8270	Benzyl butyl phthalate	0.00015	mg/L	J, B
10FWAMW62-GWS	580-20484-6	68021	SW8270	Benzyl butyl phthalate	0.00011	mg/L	J, B
10FWAMW61-GWS	580-20482-3	68021	SW8270	Benzyl butyl phthalate	0.0001	mg/L	J, B
10FWAMW56-GWS	580-20482-4	68021	SW8270	Benzyl butyl phthalate	0.00013	mg/L	J, B
10FWAMW53-GWS	580-20484-1	68021	SW8270	Benzyl butyl phthalate	0.00014	mg/L	J, B
10FWAMW26-GWS	580-20484-4	68021	SW8270	Benzyl butyl phthalate	0.0001	mg/L	J, B
Method Blank	69565-3	68261	SW8270	Benzyl butyl phthalate	0.000123	mg/L	
10FWAMW76-GWS	580-20526-2	68261	SW8270	Benzyl butyl phthalate	0.00021	mg/L	J, B
10FWAMW58-GWS	580-20526-9	68261	SW8270	Benzyl butyl phthalate	0.00017	mg/L	J, B
10FWAMW36-GWS	580-20526-10	68261	SW8270	Benzyl butyl phthalate	0.00014	mg/L	J, B
10FWAMW33-GWS	580-20526-5	68261	SW8270	Benzyl butyl phthalate	0.00022	mg/L	J, B
10FWAMW32-GWS	580-20526-4	68261	SW8270	Benzyl butyl phthalate	0.00014	mg/L	J, B
10FWAMW03-GWS	580-20526-7	68261	SW8270	Benzyl butyl phthalate	0.00011	mg/L	J, B
Method Blank	69565-5	68300	SW8270	Benzyl butyl phthalate	0.000123	mg/L	
10FWAMW57-GWS	580-20559-8	68300	SW8270	Benzyl butyl phthalate	0.000095	mg/L	J, B
10FWAMW38-GWS	580-20559-6	68300	SW8270	Benzyl butyl phthalate	0.00011	mg/L	J, B
10FWAMW37-GWS	580-20559-4	68300	SW8270	Benzyl butyl phthalate	0.00012	mg/L	J, B
10FWAMW35-GWS	580-20559-3	68300	SW8270	Benzyl butyl phthalate	0.0001	mg/L	J, B
10FWAMW08-GWS	580-20559-9	68300	SW8270	Benzyl butyl phthalate	0.00013	mg/L	J, B
Method Blank	69343-20	68485	SW8270	Benzyl butyl phthalate	0.00016	mg/L	
10FWAMW77-GWS	580-20639-2	68485	SW8270	Benzyl butyl phthalate	0.00021	mg/L	J,B
10FWAMW45-GWS	580-20605-3	68485	SW8270	Benzyl butyl phthalate	0.00015	mg/L	J,B

Attachment B-2, Table B-2-3
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
10FWAMW40-GWS	580-20605-4	68485	SW8270	Benzyl butyl phthalate	0.00023	mg/L	J, B
Method Blank	70047-14	69967	SW6020	Chromium	0.000375	mg/L	
10FWAMW45-GWS	580-20605-3	69967	SW6020	Chromium	0.001	mg/L	J, B
Method Blank	69023-4	68021	8270SIM	Chrysene	0.0000027	mg/L	
10FWAMW80-GWS	580-20482-5	68021	8270SIM	Chrysene	0.000007	mg/L	J, B
10FWAMW80-GWS	580-20482-5	68021	SW8270	Chrysene	0.0000073	mg/L	J, B
10FWAMW79-GWS	580-20482-1	68021	8270SIM	Chrysene	0.0000034	mg/L	J, B
10FWAMW70-GWS	580-20484-5	68021	8270SIM	Chrysene	0.0000022	mg/L	J, B
10FWAMW69-GWS	580-20482-2	68021	8270SIM	Chrysene	0.0000029	mg/L	J, B
10FWAMW64-GWS	580-20484-2	68021	8270SIM	Chrysene	0.0000087	mg/L	J, B
10FWAMW64-GWS	580-20484-2	68021	SW8270	Chrysene	0.00001	mg/L	J, B
10FWAMW64-GWBS	580-20484-3	68021	8270SIM	Chrysene	0.0000061	mg/L	J, B
10FWAMW56-GWS	580-20482-4	68021	8270SIM	Chrysene	0.0000031	mg/L	J, B
10FWAMW26-GWS	580-20484-4	68021	8270SIM	Chrysene	0.0000034	mg/L	J, B
Method Blank	69153-4	68261	8270SIM	Chrysene	0.0000027	mg/L	
10FWAMW76-GWS	580-20526-2	68261	8270SIM	Chrysene	0.000002	mg/L	J, B
10FWAMW58-GWS	580-20526-9	68261	8270SIM	Chrysene	0.000021	mg/L	J, B
10FWAMW36-GWS	580-20526-10	68261	8270SIM	Chrysene	0.0000043	mg/L	J, B
10FWAMW03-GWS	580-20526-7	68261	8270SIM	Chrysene	0.0000027	mg/L	J, B
Method Blank	68076-8	67938	SW8270	Diethyl phthalate	0.000162	mg/L	
10FWAMW78-GWS	580-20463-2	67938	SW8270	Diethyl phthalate	0.000035	mg/L	J,B
10FWAMW48-GWS	580-20475-2	67938	SW8270	Diethyl phthalate	0.00003	mg/L	J,B
10FWAMW47-GWS	580-20475-1	67938	SW8270	Diethyl phthalate	0.00014	mg/L	J,B
10FWAMW39-GWS	580-20463-3	67938	SW8270	Diethyl phthalate	0.000067	mg/L	J,B
10FWAMW39-GWBS	580-20463-4	67938	SW8270	Diethyl phthalate	0.000036	mg/L	J,B
10FWAMW13-GWS	580-20463-1	67938	SW8270	Diethyl phthalate	0.000077	mg/L	J,B
Method Blank	69343-5	68021	SW8270	Diethyl phthalate	0.0000316	mg/L	
10FWAMW80-GWS	580-20482-5	68021	SW8270	Diethyl phthalate	0.000036	mg/L	J, B
10FWAMW79-GWS	580-20482-1	68021	SW8270	Diethyl phthalate	0.00004	mg/L	J, B
10FWAMW70-GWS	580-20484-5	68021	SW8270	Diethyl phthalate	0.000052	mg/L	J, B
10FWAMW69-GWS	580-20482-2	68021	SW8270	Diethyl phthalate	0.000032	mg/L	J, B
10FWAMW64-GWS	580-20484-2	68021	SW8270	Diethyl phthalate	0.000039	mg/L	J, B
10FWAMW64-GWBS	580-20484-3	68021	SW8270	Diethyl phthalate	0.000049	mg/L	J, B
10FWAMW62-GWS	580-20484-6	68021	SW8270	Diethyl phthalate	0.000055	mg/L	J, B
10FWAMW61-GWS	580-20482-3	68021	SW8270	Diethyl phthalate	0.000043	mg/L	J, B
10FWAMW56-GWS	580-20482-4	68021	SW8270	Diethyl phthalate	0.000036	mg/L	J, B
10FWAMW53-GWS	580-20484-1	68021	SW8270	Diethyl phthalate	0.00003	mg/L	J, B
10FWAMW26-GWS	580-20484-4	68021	SW8270	Diethyl phthalate	0.000034	mg/L	J, B
Method Blank	69565-3	68261	SW8270	Diethyl phthalate	0.000114	mg/L	
10FWAMW81-GWS	580-20526-3	68261	SW8270	Diethyl phthalate	0.00004	mg/L	J,B
10FWAMW76-GWS	580-20526-2	68261	SW8270	Diethyl phthalate	0.00011	mg/L	J,B
10FWAMW36-GWS	580-20526-10	68261	SW8270	Diethyl phthalate	0.00005	mg/L	J,B
10FWAMW32-GWS	580-20526-4	68261	SW8270	Diethyl phthalate	0.000092	mg/L	J,B
10FWAMW03-GWS	580-20526-7	68261	SW8270	Diethyl phthalate	0.000063	mg/L	J,B
Method Blank	69565-5	68300	SW8270	Diethyl phthalate	0.0000561	mg/L	
10FWAMW57-GWS	580-20559-8	68300	SW8270	Diethyl phthalate	0.000036	mg/L	J, B
10FWAMW43-GWS	580-20559-5	68300	SW8270	Diethyl phthalate	0.000052	mg/L	J, B
10FWAMW38-GWS	580-20559-6	68300	SW8270	Diethyl phthalate	0.000046	mg/L	J, B
10FWAMW37-GWS	580-20559-4	68300	SW8270	Diethyl phthalate	0.000052	mg/L	J, B
10FWAMW35-GWS	580-20559-3	68300	SW8270	Diethyl phthalate	0.000049	mg/L	J, B
10FWAMW08-GWS	580-20559-9	68300	SW8270	Diethyl phthalate	0.000049	mg/L	J, B
Method Blank	69343-20	68485	SW8270	Diethyl phthalate	0.0000327	mg/L	
10FWAMW45-GWS	580-20605-3	68485	SW8270	Diethyl phthalate	0.000037	mg/L	J, B
10FWAMW40-GWS	580-20605-4	68485	SW8270	Diethyl phthalate	0.000054	mg/L	J, B
Method Blank	71120-6	69798	SW8270	Diethyl phthalate	0.0000415	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	69798	SW8270	Diethyl phthalate	0.000063	mg/L	J, B
Method Blank	69565-3	68261	SW8270	Dimethyl phthalate	0.000009	mg/L	
10FWAMW81-GWS	580-20526-3	68261	SW8270	Dimethyl phthalate	0.00001	mg/L	J, B
Method Blank	71120-6	69798	SW8270	Dimethyl phthalate	0.0000296	mg/L	

Attachment B-2, Table B-2-3
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
10FWA-TAKU-WW-W01	580-20965-1	69798	SW8270	Dimethyl phthalate	0.000031	mg/L	J, B
Method Blank	68076-8	67938	SW8270	Di-n-butyl phthalate	0.000277	mg/L	
10FWAMW78-GWS	580-20463-2	67938	SW8270	Di-n-butyl phthalate	0.000065	mg/L	J, B
10FWAMW48-GWS	580-20475-2	67938	SW8270	Di-n-butyl phthalate	0.000059	mg/L	J, B
10FWAMW47-GWS	580-20475-1	67938	SW8270	Di-n-butyl phthalate	0.0002	mg/L	B
10FWAMW39-GWS	580-20463-3	67938	SW8270	Di-n-butyl phthalate	0.00012	mg/L	J, B
10FWAMW39-GWBS	580-20463-4	67938	SW8270	Di-n-butyl phthalate	0.000081	mg/L	J, B
10FWAMW13-GWS	580-20463-1	67938	SW8270	Di-n-butyl phthalate	0.00012	mg/L	J, B
Method Blank	69343-5	68021	SW8270	Di-n-butyl phthalate	0.000171	mg/L	
10FWAMW80-GWS	580-20482-5	68021	SW8270	Di-n-butyl phthalate	0.000077	mg/L	J,B
10FWAMW79-GWS	580-20482-1	68021	SW8270	Di-n-butyl phthalate	0.000061	mg/L	J,B
10FWAMW70-GWS	580-20484-5	68021	SW8270	Di-n-butyl phthalate	0.000085	mg/L	J,B
10FWAMW69-GWS	580-20482-2	68021	SW8270	Di-n-butyl phthalate	0.000077	mg/L	J,B
10FWAMW64-GWS	580-20484-2	68021	SW8270	Di-n-butyl phthalate	0.000071	mg/L	J, B
10FWAMW64-GWBS	580-20484-3	68021	SW8270	Di-n-butyl phthalate	0.000099	mg/L	J, B
10FWAMW62-GWS	580-20484-6	68021	SW8270	Di-n-butyl phthalate	0.000062	mg/L	J, B
10FWAMW61-GWS	580-20482-3	68021	SW8270	Di-n-butyl phthalate	0.000062	mg/L	J,B
10FWAMW56-GWS	580-20482-4	68021	SW8270	Di-n-butyl phthalate	0.000062	mg/L	J,B
10FWAMW53-GWS	580-20484-1	68021	SW8270	Di-n-butyl phthalate	0.000069	mg/L	J, B
10FWAMW26-GWS	580-20484-4	68021	SW8270	Di-n-butyl phthalate	0.000062	mg/L	J,B
Method Blank	69565-3	68261	SW8270	Di-n-butyl phthalate	0.000133	mg/L	
10FWAMW81-GWS	580-20526-3	68261	SW8270	Di-n-butyl phthalate	0.000067	mg/L	J,B
10FWAMW76-GWS	580-20526-2	68261	SW8270	Di-n-butyl phthalate	0.00016	mg/L	J,B
10FWAMW58-GWS	580-20526-9	68261	SW8270	Di-n-butyl phthalate	0.00015	mg/L	J,B
10FWAMW36-GWS	580-20526-10	68261	SW8270	Di-n-butyl phthalate	0.000096	mg/L	J,B
10FWAMW32-GWS	580-20526-4	68261	SW8270	Di-n-butyl phthalate	0.00012	mg/L	J,B
10FWAMW03-GWS	580-20526-7	68261	SW8270	Di-n-butyl phthalate	0.0001	mg/L	J,B
Method Blank	69565-5	68300	SW8270	Di-n-butyl phthalate	0.0000985	mg/L	
10FWAMW57-GWS	580-20559-8	68300	SW8270	Di-n-butyl phthalate	0.00005	mg/L	J, B
10FWAMW43-GWS	580-20559-5	68300	SW8270	Di-n-butyl phthalate	0.000071	mg/L	J, B
10FWAMW38-GWS	580-20559-6	68300	SW8270	Di-n-butyl phthalate	0.000079	mg/L	J, B
10FWAMW37-GWS	580-20559-4	68300	SW8270	Di-n-butyl phthalate	0.000089	mg/L	J, B
10FWAMW35-GWS	580-20559-3	68300	SW8270	Di-n-butyl phthalate	0.00008	mg/L	J, B
10FWAMW08-GWS	580-20559-9	68300	SW8270	Di-n-butyl phthalate	0.0001	mg/L	J, B
Method Blank	69343-20	68485	SW8270	Di-n-butyl phthalate	0.0000578	mg/L	
10FWAMW77-GWS	580-20639-2	68485	SW8270	Di-n-butyl phthalate	0.000094	mg/L	J, B
10FWAMW45-GWS	580-20605-3	68485	SW8270	Di-n-butyl phthalate	0.00007	mg/L	J, B
10FWAMW40-GWS	580-20605-4	68485	SW8270	Di-n-butyl phthalate	0.0001	mg/L	J, B
Method Blank	71120-6	69798	SW8270	Di-n-butyl phthalate	0.000103	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	69798	SW8270	Di-n-butyl phthalate	0.00012	mg/L	J, B
Method Blank	68491-4	68491	AK101	Gasoline Range Organics (C6-C10)	0.0182	MG/L	
10FWATB05-GWS	580-20601-17	68491	AK101	Gasoline Range Organics (C6-C10)	0.017	MG/L	J, B
10FWAMW81-GWS	580-20601-7	68491	AK101	Gasoline Range Organics (C6-C10)	0.017	MG/L	J, B
10FWAMW76-GWS	580-20601-6	68491	AK101	Gasoline Range Organics (C6-C10)	0.02	MG/L	J, B
10FWAMW58-GWS	580-20601-8	68491	AK101	Gasoline Range Organics (C6-C10)	0.025	MG/L	J, B
10FWAMW57-GWS	580-20601-15	68491	AK101	Gasoline Range Organics (C6-C10)	0.017	MG/L	J, B
10FWAMW38-GWS	580-20601-13	68491	AK101	Gasoline Range Organics (C6-C10)	0.015	MG/L	J, B
10FWAMW37-GWS	580-20601-11	68491	AK101	Gasoline Range Organics (C6-C10)	0.018	MG/L	J, B
10FWAMW36-GWS	580-20601-9	68491	AK101	Gasoline Range Organics (C6-C10)	0.016	MG/L	J, B
10FWAMW35-GWS	580-20601-10	68491	AK101	Gasoline Range Organics (C6-C10)	0.015	MG/L	J, B
10FWAMW33-GWS	580-20601-1	68491	AK101	Gasoline Range Organics (C6-C10)	0.075	MG/L	B
10FWAMW32-GWS	580-20601-2	68491	AK101	Gasoline Range Organics (C6-C10)	0.034	MG/L	J, B
10FWAMW12-GWS	580-20601-3	68491	AK101	Gasoline Range Organics (C6-C10)	0.076	MG/L	B
10FWAMW12-GWBS	580-20601-4	68491	AK101	Gasoline Range Organics (C6-C10)	0.08	MG/L	B
10FWAMW08-GWS	580-20601-16	68491	AK101	Gasoline Range Organics (C6-C10)	0.016	MG/L	J, B
10FWAMW06A-GWS	580-20601-14	68491	AK101	Gasoline Range Organics (C6-C10)	0.065	MG/L	B
10FWAMW03-GWS	580-20601-5	68491	AK101	Gasoline Range Organics (C6-C10)	0.027	MG/L	J, B
Method Blank	68454-7	68454	SW8260B	Isopropylbenzene	0.000227	mg/L	
10FWAMW64-GWS	580-20484-2	68454	SW8260B	Isopropylbenzene	0.00023	mg/L	J, B

Attachment B-2, Table B-2-3
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
Method Blank	68700-5	68700	SW8260B	Methylene chloride	0.000146	mg/L	
10FWATB05-GWS	580-20601-17	68700	SW8260B	Methylene chloride	0.00017	mg/L	J, B
Method Blank	68346-8	68346	SW8260B	n-Butylbenzene	0.00028	mg/L	
10FWATB01-GWBS	580-20463-5	68346	SW8260B	n-Butylbenzene	0.00029	mg/L	J, B
10FWAMW78-GWS	580-20463-2	68346	SW8260B	n-Butylbenzene	0.00028	mg/L	J, B
Method Blank	68454-7	68454	SW8260B	n-Butylbenzene	0.00029	mg/L	
10FWAMW64-GWS	580-20484-2	68454	SW8260B	n-Butylbenzene	0.00028	mg/L	J, B
10FWAMW53-GWS	580-20484-1	68454	SW8260B	n-Butylbenzene	0.00031	mg/L	J, B
Method Blank	70387-7	70387	SW8260B	n-Butylbenzene	0.000217	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	70387	SW8260B	n-Butylbenzene	0.00022	mg/L	J, B
10FWA-TAKU-TB09	580-20965-2	70387	SW8260B	n-Butylbenzene	0.00021	mg/L	J, B
Method Blank	70387-7	70387	SW8260B	n-Propylbenzene	0.00017	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	70387	SW8260B	n-Propylbenzene	0.00017	mg/L	J, B
Method Blank	68350-10	67938	8270SIM	Phenanthrene	0.0000025	mg/L	
10FWAMW78-GWS	580-20463-2	67938	8270SIM	Phenanthrene	0.000002	mg/L	J, B
10FWAMW48-GWS	580-20475-2	67938	8270SIM	Phenanthrene	0.0000016	mg/L	J, B
10FWAMW47-GWS	580-20475-1	67938	8270SIM	Phenanthrene	0.0000023	mg/L	J, B
10FWAMW39-GWS	580-20463-3	67938	8270SIM	Phenanthrene	0.0000021	mg/L	J, B
10FWAMW39-GWBS	580-20463-4	67938	8270SIM	Phenanthrene	0.0000026	mg/L	J, B
10FWAMW13-GWS	580-20463-1	67938	8270SIM	Phenanthrene	0.0000021	mg/L	J, B
Method Blank	70208-18	68485	8270SIM	Phenanthrene	0.0000027	mg/L	
10FWAMW90-GWS	580-20639-3	68485	8270SIM	Phenanthrene	0.0000024	mg/L	J, B
10FWAMW89-GWS	580-20639-1	68485	8270SIM	Phenanthrene	0.0000018	mg/L	J, B
10FWAMW88-GWS	580-20639-5	68485	8270SIM	Phenanthrene	0.0000032	mg/L	J, B
10FWAMW87-GWS	580-20639-4	68485	8270SIM	Phenanthrene	0.0000016	mg/L	J, B
10FWAMW86-GWS	580-20639-9	68485	8270SIM	Phenanthrene	0.0000019	mg/L	J, B
10FWAMW85-GWS	580-20639-7	68485	8270SIM	Phenanthrene	0.000002	mg/L	J, B
10FWAMW85-GWBS	580-20639-15	68485	8270SIM	Phenanthrene	0.0000023	mg/L	J, B
10FWAMW84-GWS	580-20605-6	68485	8270SIM	Phenanthrene	0.0000034	mg/L	J, B
10FWAMW45-GWS	580-20605-3	68485	SW8270	Phenanthrene	0.0000065	mg/L	J, B
10FWAMW45-GWS	580-20605-3	68485	8270SIM	Phenanthrene	0.000003	mg/L	J, B
10FWAMW40-GWS	580-20605-4	68485	8270SIM	Phenanthrene	0.0000015	mg/L	J, B
Method Blank	69343-5	68021	SW8270	Phenol	0.0000718	mg/L	
10FWAMW79-GWS	580-20482-1	68021	SW8270	Phenol	0.00035	mg/L	B
Method Blank	70047-14	69967	SW6020	Selenium	0.00154	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	69967	SW6020	Selenium	0.0023	mg/L	B
10FWAMW77-GWS	580-20639-2	69967	SW6020	Selenium	0.0013	mg/L	J, B
10FWAMW45-GWS	580-20605-3	69967	SW6020	Selenium	0.0017	mg/L	J, B
10FWAMW40-GWS	580-20605-4	69967	SW6020	Selenium	0.0021	mg/L	B
Method Blank	68346-8	68346	SW8260B	Tetrachloroethene (PCE)	0.000161	mg/L	
10FWATB02-GWS	580-20482-8	68346	SW8260B	Tetrachloroethene (PCE)	0.00016	mg/L	J, B
10FWAMW80-GWS	580-20482-5	68346	SW8260B	Tetrachloroethene (PCE)	0.00015	mg/L	J, B
10FWAMW61-GWS	580-20482-3	68346	SW8260B	Tetrachloroethene (PCE)	0.0002	mg/L	J, B
10FWAMW56-GWS	580-20482-4	68346	SW8260B	Tetrachloroethene (PCE)	0.00022	mg/L	J, B
Method Blank	68454-7	68454	SW8260B	Tetrachloroethene (PCE)	0.000157	mg/L	
10FWAMW64-GWS	580-20484-2	68454	SW8260B	Tetrachloroethene (PCE)	0.00016	mg/L	J, B
10FWAMW64-GWBS	580-20484-3	68454	SW8260B	Tetrachloroethene (PCE)	0.00016	mg/L	J, B
10FWAMW62-GWS	580-20484-6	68454	SW8260B	Tetrachloroethene (PCE)	0.00016	mg/L	J, B
10FWAMW53-GWS	580-20484-1	68454	SW8260B	Tetrachloroethene (PCE)	0.00017	mg/L	J, B
10FWAMW26-GWS	580-20484-4	68454	SW8260B	Tetrachloroethene (PCE)	0.00015	mg/L	J, B
Method Blank	68700-5	68700	SW8260B	Tetrachloroethene (PCE)	0.00032	mg/L	
10FWAMW36-GWS	580-20601-9	68700	SW8260B	Tetrachloroethene (PCE)	0.00037	mg/L	J, B
Method Blank	68800-4	68800	SW8260L	Tetrachloroethene (PCE)	0.00004	mg/L	
10WATB08-GWS	580-20639-8	68800	SW8260L	Tetrachloroethene (PCE)	0.000048	mg/L	J, B
10FWAMW89-GWS	580-20639-1	68800	SW8260L	Tetrachloroethene (PCE)	0.000041	mg/L	J, B
10FWAMW86-GWS	580-20639-9	68800	SW8260L	Tetrachloroethene (PCE)	0.000041	mg/L	J, B
10FWAMW85-GWS	580-20639-7	68800	SW8260L	Tetrachloroethene (PCE)	0.00004	mg/L	J, B
10FWAMW77-GWS	580-20639-2	68800	SW8260L	Tetrachloroethene (PCE)	0.000041	mg/L	J, B
Method Blank	69018-13	69018	SW8260L	Tetrachloroethene (PCE)	0.0000606	mg/L	

Attachment B-2, Table B-2-3
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
10FWAMW84-GWS	580-20639-14	69018	SW8260L	Tetrachloroethene (PCE)	0.000047	mg/L	J, B
10FWAMW82-GWS	580-20639-10	69018	SW8260L	Tetrachloroethene (PCE)	0.00004	mg/L	J, B
Method Blank	69488-14	69444	SW6020	Thallium	0.000389	mg/L	
10FWAMW78-GWS	580-20463-2	69444	SW6020	Thallium	0.00068	mg/L	J, B
10FWAMW39-GWBS	580-20463-4	69444	SW6020	Thallium	0.00049	mg/L	J, B
10FWAMW13-GWS	580-20463-1	69444	SW6020	Thallium	0.0011	mg/L	J, B
Method Blank	69586-14	69502	SW6020	Thallium	0.000472	mg/L	
10FWAMW80-GWS	580-20482-5	69502	SW6020	Thallium	0.0006	mg/L	J, B
10FWAMW79-GWS	580-20482-1	69502	SW6020	Thallium	0.00032	mg/L	J, B
10FWAMW70-GWS	580-20484-5	69502	SW6020	Thallium	0.00072	mg/L	J, B
10FWAMW69-GWS	580-20482-2	69502	SW6020	Thallium	0.00027	mg/L	J, B
10FWAMW64-GWS	580-20484-2	69502	SW6020	Thallium	0.00022	mg/L	J, B
10FWAMW64-GWBS	580-20484-3	69502	SW6020	Thallium	0.0012	mg/L	J, B
10FWAMW62-GWS	580-20484-6	69502	SW6020	Thallium	0.00049	mg/L	J, B
10FWAMW61-GWS	580-20482-3	69502	SW6020	Thallium	0.00029	mg/L	J, B
10FWAMW56-GWS	580-20482-4	69502	SW6020	Thallium	0.00022	mg/L	J, B
10FWAMW53-GWS	580-20484-1	69502	SW6020	Thallium	0.00041	mg/L	J, B
10FWAMW48-GWS	580-20475-2	69502	SW6020	Thallium	0.00039	mg/L	J, B
10FWAMW47-GWS	580-20475-1	69502	SW6020	Thallium	0.0004	mg/L	J, B
10FWAMW26-GWS	580-20484-4	69502	SW6020	Thallium	0.00087	mg/L	J, B
Method Blank	69586-69	69557	SW6020	Thallium	0.000725	mg/L	
10FWAMW81-GWS	580-20526-3	69557	SW6020	Thallium	0.001	mg/L	J, B
10FWAMW76-GWS	580-20526-2	69557	SW6020	Thallium	0.0014	mg/L	J, B
10FWAMW58-GWS	580-20526-9	69557	SW6020	Thallium	0.00038	mg/L	J, B
10FWAMW36-GWS	580-20526-10	69557	SW6020	Thallium	0.00041	mg/L	J, B
10FWAMW33-GWS	580-20526-5	69557	SW6020	Thallium	0.00061	mg/L	J, B
10FWAMW32-GWS	580-20526-4	69557	SW6020	Thallium	0.00079	mg/L	J, B
10FWAMW12-GWS	580-20526-1	69557	SW6020	Thallium	0.00043	mg/L	J, B
10FWAMW12-GWBS	580-20526-6	69557	SW6020	Thallium	0.0005	mg/L	J, B
10FWAMW03-GWS	580-20526-7	69557	SW6020	Thallium	0.00042	mg/L	J, B
Method Blank	69949-14	69878	SW6020	Thallium	0.00048	mg/L	
10FWAMW57-GWS	580-20559-8	69878	SW6020	Thallium	0.00039	mg/L	J, B
10FWAMW43-GWS	580-20559-5	69878	SW6020	Thallium	0.00066	mg/L	J, B
10FWAMW38-GWS	580-20559-6	69878	SW6020	Thallium	0.00054	mg/L	J, B
10FWAMW37-GWS	580-20559-4	69878	SW6020	Thallium	0.001	mg/L	J, B
10FWAMW35-GWS	580-20559-3	69878	SW6020	Thallium	0.0002	mg/L	J, B
10FWAMW08-GWS	580-20559-9	69878	SW6020	Thallium	0.00032	mg/L	J, B
10FWAMW06A-GWS	580-20559-7	69878	SW6020	Thallium	0.00039	mg/L	J, B
Method Blank	70047-14	69967	SW6020	Thallium	0.00103	mg/L	
10FWA-TAKU-WW-W01	580-20965-1	69967	SW6020	Thallium	0.00051	mg/L	J, B
10FWAMW77-GWS	580-20639-2	69967	SW6020	Thallium	0.00062	mg/L	J, B
10FWAMW45-GWS	580-20605-3	69967	SW6020	Thallium	0.00044	mg/L	J, B
10FWAMW40-GWS	580-20605-4	69967	SW6020	Thallium	0.00094	mg/L	J, B
10WATB08-GWS Trip Blank	580-20639-8	69021	SW8260B	Acetone	0.014	mg/L	JH
10FWAMW40-GWS	580-20639-12	69021	SW8260B	Acetone	0.0069	mg/L	B
10FWAMW45-GWS	580-20639-13	69021	SW8260B	Acetone	0.0099	mg/L	B
10FWAMW77-GWS	580-20639-2	69021	SW8260B	Acetone	0.0075	mg/L	B
10FWAMW82-GWS	580-20639-10	69021	SW8260B	Acetone	0.0038	mg/L	J,B
10FWAMW83-GWS	580-20639-11	69021	SW8260B	Acetone	0.0089	mg/L	B
10FWAMW84-GWS	580-20639-14	69021	SW8260B	Acetone	0.0021	mg/L	J,B
10FWAMW86-GWS	580-20639-9	69021	SW8260B	Acetone	0.01	mg/L	B
10FWAMW89-GWS	580-20639-1	69021	SW8260B	Acetone	0.0087	mg/L	B
10FWAMW90-GWS	580-20639-3	69021	SW8260B	Acetone	0.0072	mg/L	B
10FWATB04-GWS Trip Blank	580-20484-8	68583	SW8260L	1,2-Dichloroethane	0.000056	mg/L	J,JH
10FWAMW53-GWS	580-20484-1	68583	SW8260L	1,2-Dichloroethane	0.000019	mg/L	J,B
10FWAMW62-GWS	580-20484-6	68583	SW8260L	1,2-Dichloroethane	0.000031	mg/L	J,B
10FWAMW64-GWBS	580-20484-3	68583	SW8260L	1,2-Dichloroethane	0.000076	mg/L	J,B

Attachment B-2, Table B-2-3
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
10FWAMW64-GWS	580-20484-2	68583	SW8260L	1,2-Dichloroethane	0.000057	mg/L	J,B
10FWAMW70-GWS	580-20484-5	68583	SW8260L	1,2-Dichloroethane	0.00015	mg/L	J,B
10WATB08-GWS Trip Blank	580-20639-8	69021	SW8260B	Toluene	0.00041	mg/L	J,JH
10FWAMW45-GWS	580-20639-13	69021	SW8260B	Toluene	0.00029	mg/L	J, B
10FWAMW77-GWS	580-20639-2	69021	SW8260B	Toluene	0.00028	mg/L	J, B
10FWAMW85-GWBS	580-20639-15	69182	SW8260B	Toluene	0.00022	mg/L	J, B
10FWAMW86-GWS	580-20639-9	69021	SW8260B	Toluene	0.00011	mg/L	J, B
10FWAMW87-GWS	580-20639-4	69283	SW8260B	Toluene	0.00036	mg/L	J, B
10FWAMW88-GWS	580-20639-5	69182	SW8260B	Toluene	0.00031	mg/L	J, B
10FWAMW89-GWS	580-20639-1	69021	SW8260B	Toluene	0.00029	mg/L	J, B
10FWAMW90-GWS	580-20639-3	69021	SW8260B	Toluene	0.0002	mg/L	J, B

Attachment B-2, Table B-2-4
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
Method Blank	74886-1	74886	SW8270	4-Chloro-3-methylphenol	0.0000209	mg/L	
10FWAMW03-GWF	22614-9	74886	SW8270	4-Chloro-3-methylphenol	0.000024	mg/L	J, B
10FWAMW53-GWF	22614-8	74886	SW8270	4-Chloro-3-methylphenol	0.000022	mg/L	J, B
Method Blank	75386-6	75386	SW8260B	Acetone	0.00252	mg/L	
10FWATB04-GWF	22645-2	75386	SW8260B	Acetone	0.0019	mg/L	J, B
Method Blank	75490-7	75490	SW8260B	Acetone	0.00174	mg/L	
10FWAMW06A-GWF	22682-4	75490	SW8260B	Acetone	0.0019	mg/L	J, B
Method Blank	76344-21	76344	SW6020	Arsenic	0.000625	mg/L	
10FWAMW32-GWF	22682-3	76344	SW6020	Arsenic	0.00069	mg/L	J. B
Method Blank	74678-1	74678	SW8270	Benzyl alcohol	0.0000208	mg/L	
10FWAMW79-GWF	22489-5	74678	SW8270	Benzyl alcohol	0.000067	mg/L	J, B
10FWAMW78-GWF	22489-4	74678	SW8270	Benzyl alcohol	0.000047	mg/L	J, B
10FWAMW48-GWF	22489-8	74678	SW8270	Benzyl alcohol	0.000024	mg/L	J, B
10FWAMW47-GWF	22489-6	74678	SW8270	Benzyl alcohol	0.000047	mg/L	J, B
10FWAMW39-GWF	22489-2	74678	SW8270	Benzyl alcohol	0.000036	mg/L	J, B
10FWAMW39-GWBF	22489-3	74678	SW8270	Benzyl alcohol	0.000066	mg/L	J, B
10FWAMW08-GWF	22489-7	74678	SW8270	Benzyl alcohol	0.000028	mg/L	J, B
Method Blank	74886-1	74886	SW8270	Benzyl alcohol	0.000022	mg/L	
10FWAMW81-GWF	22614-1	74886	SW8270	Benzyl alcohol	0.000035	mg/L	J, B
10FWAMW76-GWF	22614-2	74886	SW8270	Benzyl alcohol	0.000026	mg/L	J, B
10FWAMW70-GWF	22614-3	74886	SW8270	Benzyl alcohol	0.00003	mg/L	J, B
10FWAMW69-GWF	22614-5	74886	SW8270	Benzyl alcohol	0.000033	mg/L	J, B
10FWAMW57-GWF	22614-6	74886	SW8270	Benzyl alcohol	0.000019	mg/L	J, B
10FWAMW53-GWF	22614-8	74886	SW8270	Benzyl alcohol	0.000029	mg/L	J, B
10FWAMW36-GWF	22610-8	74886	SW8270	Benzyl alcohol	0.000027	mg/L	J, B
10FWAMW35-GWF	22610-1	74886	SW8270	Benzyl alcohol	0.000026	mg/L	J, B
10FWAMW26-GWF	22614-7	74886	SW8270	Benzyl alcohol	0.000024	mg/L	J, B
10FWAMW13-GWF	22614-4	74886	SW8270	Benzyl alcohol	0.000031	mg/L	J, B
10FWAMW03-GWF	22614-9	74886	SW8270	Benzyl alcohol	0.000026	mg/L	J, B
Method Blank	74886-1	74886	SW8270	Benzyl butyl phthalate	0.000107	mg/L	
10FWAMW76-GWF	22614-2	74886	SW8270	Benzyl butyl phthalate	0.00016	mg/L	J, B
10FWAMW70-GWF	22614-3	74886	SW8270	Benzyl butyl phthalate	0.00015	mg/L	J, B
10FWAMW69-GWF	22614-5	74886	SW8270	Benzyl butyl phthalate	0.00012	mg/L	J, B
10FWAMW36-GWF	22610-8	74886	SW8270	Benzyl butyl phthalate	0.00013	mg/L	J, B
10FWAMW35-GWF	22610-1	74886	SW8270	Benzyl butyl phthalate	0.0001	mg/L	J, B
10FWAMW26-GWF	22614-7	74886	SW8270	Benzyl butyl phthalate	0.00013	mg/L	J, B
10FWAMW13-GWF	22614-4	74886	SW8270	Benzyl butyl phthalate	0.00011	mg/L	J, B
Method Blank	76344-21	76344	SW6020	Chromium	0.000695	mg/L	
10FWAMW64-GWF	22645-9	76344	SW6020	Chromium	0.0031	mg/L	B
10FWAMW64-GWBF	22645-10	76344	SW6020	Chromium	0.0032	mg/L	B
10FWAMW62-GWF	22645-1	76344	SW6020	Chromium	0.0029	mg/L	B
10FWAMW61-GWF	22645-5	76344	SW6020	Chromium	0.0029	mg/L	B
10FWAMW58-GWF	22682-8	76344	SW6020	Chromium	0.003	mg/L	B
10FWAMW56-GWF	22645-6	76344	SW6020	Chromium	0.0031	mg/L	B
10FWAMW45-GWF	22645-7	76344	SW6020	Chromium	0.0033	mg/L	B
10FWAMW43-GWF	22645-4	76344	SW6020	Chromium	0.003	mg/L	B
10FWAMW38-GWF	22645-3	76344	SW6020	Chromium	0.0026	mg/L	B
10FWAMW32-GWF	22682-3	76344	SW6020	Chromium	0.0032	mg/L	B
Method Blank	74678-1	74678	SW8270	Diethyl phthalate	0.0000357	mg/L	
10FWAMW79-GWF	22489-5	74678	SW8270	Diethyl phthalate	0.000041	mg/L	J, B
10FWAMW78-GWF	22489-4	74678	SW8270	Diethyl phthalate	0.000047	mg/L	J, B
10FWAMW48-GWF	22489-8	74678	SW8270	Diethyl phthalate	0.000041	mg/L	J, B
10FWAMW47-GWF	22489-6	74678	SW8270	Diethyl phthalate	0.00005	mg/L	J, B
10FWAMW40-GWF	22489-1	74678	SW8270	Diethyl phthalate	0.000035	mg/L	J, B
10FWAMW39-GWF	22489-2	74678	SW8270	Diethyl phthalate	0.000028	mg/L	J, B
10FWAMW39-GWBF	22489-3	74678	SW8270	Diethyl phthalate	0.000036	mg/L	J, B

Attachment B-2, Table B-2-4
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
10FWAMW08-GWF	22489-7	74678	SW8270	Diethyl phthalate	0.000058	mg/L	J, B
Method Blank	74886-1	74886	SW8270	Diethyl phthalate	0.0000297	mg/L	
10FWAMW81-GWF	22614-1	74886	SW8270	Diethyl phthalate	0.00003	mg/L	J, B
10FWAMW76-GWF	22614-2	74886	SW8270	Diethyl phthalate	0.0001	mg/L	J, B
10FWAMW70-GWF	22614-3	74886	SW8270	Diethyl phthalate	0.000067	mg/L	J, B
10FWAMW69-GWF	22614-5	74886	SW8270	Diethyl phthalate	0.000072	mg/L	J, B
10FWAMW57-GWF	22614-6	74886	SW8270	Diethyl phthalate	0.000051	mg/L	J, B
10FWAMW53-GWF	22614-8	74886	SW8270	Diethyl phthalate	0.000023	mg/L	J, B
10FWAMW36-GWF	22610-8	74886	SW8270	Diethyl phthalate	0.000062	mg/L	J, B
10FWAMW35-GWF	22610-1	74886	SW8270	Diethyl phthalate	0.000054	mg/L	J, B
10FWAMW26-GWF	22614-7	74886	SW8270	Diethyl phthalate	0.000068	mg/L	J, B
10FWAMW13-GWF	22614-4	74886	SW8270	Diethyl phthalate	0.000056	mg/L	J, B
10FWAMW03-GWF	22614-9	74886	SW8270	Diethyl phthalate	0.000034	mg/L	J, B
Method Blank	74678-1	74678	SW8270	Di-n-butyl phthalate	0.0000558	mg/L	
10FWAMW79-GWF	22489-5	74678	SW8270	Di-n-butyl phthalate	0.000079	mg/L	J, B
10FWAMW78-GWF	22489-4	74678	SW8270	Di-n-butyl phthalate	0.000077	mg/L	J, B
10FWAMW48-GWF	22489-8	74678	SW8270	Di-n-butyl phthalate	0.000064	mg/L	J, B
10FWAMW47-GWF	22489-6	74678	SW8270	Di-n-butyl phthalate	0.000071	mg/L	J, B
10FWAMW40-GWF	22489-1	74678	SW8270	Di-n-butyl phthalate	0.000073	mg/L	J, B
10FWAMW39-GWF	22489-2	74678	SW8270	Di-n-butyl phthalate	0.000052	mg/L	J, B
10FWAMW39-GWBF	22489-3	74678	SW8270	Di-n-butyl phthalate	0.000072	mg/L	J, B
10FWAMW08-GWF	22489-7	74678	SW8270	Di-n-butyl phthalate	0.000057	mg/L	J, B
Method Blank	74886-1	74886	SW8270	Di-n-butyl phthalate	0.000105	mg/L	
10FWAMW81-GWF	22614-1	74886	SW8270	Di-n-butyl phthalate	0.000067	mg/L	J,B
10FWAMW77-GWF	22610-2	74886	SW8270	Di-n-butyl phthalate	0.000076	mg/L	J,B
10FWAMW76-GWF	22614-2	74886	SW8270	Di-n-butyl phthalate	0.00015	mg/L	J,B
10FWAMW70-GWF	22614-3	74886	SW8270	Di-n-butyl phthalate	0.00014	mg/L	J,B
10FWAMW69-GWF	22614-5	74886	SW8270	Di-n-butyl phthalate	0.00013	mg/L	J,B
10FWAMW57-GWF	22614-6	74886	SW8270	Di-n-butyl phthalate	0.000088	mg/L	J,B
10FWAMW53-GWF	22614-8	74886	SW8270	Di-n-butyl phthalate	0.000054	mg/L	J,B
10FWAMW36-GWF	22610-8	74886	SW8270	Di-n-butyl phthalate	0.00014	mg/L	J,B
10FWAMW35-GWF	22610-1	74886	SW8270	Di-n-butyl phthalate	0.00011	mg/L	J,B
10FWAMW26-GWF	22614-7	74886	SW8270	Di-n-butyl phthalate	0.0001	mg/L	J,B
10FWAMW13-GWF	22614-4	74886	SW8270	Di-n-butyl phthalate	0.00013	mg/L	J,B
Method Blank	74678-1	74678	8270SIM	Phenanthrene	0.0000024	mg/L	
10FWAMW79-GWF	22489-5	74678	8270SIM	Phenanthrene	0.0000021	mg/L	J, B
10FWAMW78-GWF	22489-4	74678	8270SIM	Phenanthrene	0.0000015	mg/L	J, B
10FWAMW48-GWF	22489-8	74678	8270SIM	Phenanthrene	0.0000011	mg/L	J, B
10FWAMW47-GWF	22489-6	74678	8270SIM	Phenanthrene	0.0000013	mg/L	J, B
10FWAMW40-GWF	22489-1	74678	8270SIM	Phenanthrene	0.0000011	mg/L	J, B
10FWAMW39-GWF	22489-2	74678	8270SIM	Phenanthrene	0.0000012	mg/L	J, B
10FWAMW39-GWBF	22489-3	74678	8270SIM	Phenanthrene	0.0000021	mg/L	J, B
10FWAMW08-GWF	22489-7	74678	8270SIM	Phenanthrene	0.0000013	mg/L	J, B
Method Blank	74886-1	74886	8270SIM	Phenanthrene	0.0000016	mg/L	
10FWAMW81-GWF	22614-1	74886	8270SIM	Phenanthrene	0.0000025	mg/L	J, B
10FWAMW76-GWF	22614-2	74886	8270SIM	Phenanthrene	0.0000011	mg/L	J, B
10FWAMW70-GWF	22614-3	74886	8270SIM	Phenanthrene	0.0000011	mg/L	J, B
10FWAMW69-GWF	22614-5	74886	8270SIM	Phenanthrene	0.0000011	mg/L	J, B
10FWAMW57-GWF	22614-6	74886	8270SIM	Phenanthrene	0.0000058	mg/L	J, B
10FWAMW53-GWF	22614-8	74886	8270SIM	Phenanthrene	0.0000035	mg/L	J, B
10FWAMW36-GWF	22610-8	74886	8270SIM	Phenanthrene	0.0000012	mg/L	J, B
10FWAMW26-GWF	22614-7	74886	8270SIM	Phenanthrene	0.0000061	mg/L	J, B
10FWAMW13-GWF	22614-4	74886	8270SIM	Phenanthrene	0.000002	mg/L	J, B
10FWAMW03-GWF	22614-9	74886	8270SIM	Phenanthrene	0.0000032	mg/L	J, B
Method Blank	74981-1	74981	8270SIM	Phenanthrene	0.0000019	mg/L	
10FWAMW90-GWF	22610-6	74981	8270SIM	Phenanthrene	0.0000014	mg/L	J, B

Attachment B-2, Table B-2-4
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
10FWAMW89-GWF	22610-11	74981	8270SIM	Phenanthrene	0.0000023	mg/L	J, B
10FWAMW88-GWF	22610-4	74981	8270SIM	Phenanthrene	0.0000015	mg/L	J, B
10FWAMW87-GWF	22610-10	74981	8270SIM	Phenanthrene	0.0000015	mg/L	J, B
10FWAMW86-GWF	22610-3	74981	8270SIM	Phenanthrene	0.0000012	mg/L	J, B
10FWAMW85-GWF	22610-9	74981	8270SIM	Phenanthrene	0.0000013	mg/L	J, B
10FWAMW85-GWBF	22610-12	74981	8270SIM	Phenanthrene	0.0000015	mg/L	J, B
10FWAMW84-GWF	22610-7	74981	8270SIM	Phenanthrene	0.0000015	mg/L	J, B
10FWAMW83-GWF	22610-5	74981	8270SIM	Phenanthrene	0.000002	mg/L	J, B
Method Blank	185200-1	185200	E365.4	Phosphorus, Total (as P)	0.0255	MG/L	
10FWAMW79-GWF	22489-5	185200	E365.4	Phosphorus, Total (as P)	0.16	MG/L	J, B
10FWAMW78-GWF	22489-4	185200	E365.4	Phosphorus, Total (as P)	0.14	MG/L	J, B
10FWAMW48-GWF	22489-8	185200	E365.4	Phosphorus, Total (as P)	0.042	MG/L	J, B
10FWAMW47-GWF	22489-6	185200	E365.4	Phosphorus, Total (as P)	0.57	MG/L	J, B
10FWAMW39-GWF	22489-2	185200	E365.4	Phosphorus, Total (as P)	0.16	MG/L	J, B
10FWAMW39-GWBF	22489-3	185200	E365.4	Phosphorus, Total (as P)	0.16	MG/L	J, B
10FWAMW08-GWF	22489-7	185200	E365.4	Phosphorus, Total (as P)	0.031	MG/L	J, B
Method Blank	74678-1	74678	8270SIM	Pyrene	0.0000021	mg/L	
10FWAMW47-GWF	22489-6	74678	8270SIM	Pyrene	0.0000017	mg/L	J, B
10FWAMW39-GWBF	22489-3	74678	8270SIM	Pyrene	0.0000017	mg/L	J, B
Method Blank	75417-4	75417	SW8260L	Tetrachloroethene (PCE)	0.000124	mg/L	
10FWATB03-GWF	22610-14	75417	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
10FWAMW90-GWF	22610-6	75417	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
10FWAMW89-GWF	22610-11	75417	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW88-GWF	22610-4	75417	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
10FWAMW87-GWF	22610-10	75417	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW86-GWF	22610-3	75417	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW85-GWF	22610-9	75417	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW85-GWBF	22610-12	75417	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW84-GWF	22610-7	75417	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW83-GWF	22610-5	75417	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
10FWAMW82-GWF	22610-13	75417	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
10FWAMW77-GWF	22610-2	75417	SW8260L	Tetrachloroethene (PCE)	0.00013	mg/L	J, B
10FWAMW36-GWF	22610-8	75417	SW8260L	Tetrachloroethene (PCE)	0.00016	mg/L	J, B

Attachment B-2, Table B-2-4
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
10FWAMW35-GWF	22610-1	75417	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
Method Blank	75522-4	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	
10FWAMW80-GWF	22645-8	75522	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
10FWAMW64-GWF	22645-9	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW64-GWBF	22645-10	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW62-GWF	22645-1	75522	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
10FWAMW61-GWF	22645-5	75522	SW8260L	Tetrachloroethene (PCE)	0.00016	mg/L	J, B
10FWAMW58-GWF	22682-8	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW56-GWF	22645-6	75522	SW8260L	Tetrachloroethene (PCE)	0.00018	mg/L	J, B
10FWAMW43-GWF	22645-4	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW38-GWF	22645-3	75522	SW8260L	Tetrachloroethene (PCE)	0.00012	mg/L	J, B
10FWAMW37-GWF	22682-7	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW33-GWF	22682-1	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW32-GWF	22682-3	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
10FWAMW12-GWF	22682-5	75522	SW8260L	Tetrachloroethene (PCE)	0.00013	mg/L	J, B
10FWAMW12-GWBF	22682-6	75522	SW8260L	Tetrachloroethene (PCE)	0.00013	mg/L	J, B
10FWAMW06A-GWF	22682-4	75522	SW8260L	Tetrachloroethene (PCE)	0.00011	mg/L	J, B
Method Blank	76241-21	76241	SW6020	Thallium	0.000095	mg/L	
10FWAMW79-GWF	22489-5	76241	SW6020	Thallium	0.000075	mg/L	J, B
10FWAMW78-GWF	22489-4	76241	SW6020	Thallium	0.000085	mg/L	J, B
10FWAMW69-GWF	22614-5	76241	SW6020	Thallium	0.00009	mg/L	J, B
10FWAMW57-GWF	22614-6	76241	SW6020	Thallium	0.00007	mg/L	J, B
10FWAMW48-GWF	22489-8	76241	SW6020	Thallium	0.000085	mg/L	J, B
10FWAMW40-GWF	22489-1	76241	SW6020	Thallium	0.0002	mg/L	J, B
10FWAMW39-GWBF	22489-3	76241	SW6020	Thallium	0.00018	mg/L	J, B
10FWAMW13-GWF	22614-4	76241	SW6020	Thallium	0.000095	mg/L	J, B
10FWAMW08-GWF	22489-7	76241	SW6020	Thallium	0.00007	mg/L	J, B
Method Blank	76241-21	76241	SW6020	Vanadium	0.000665	mg/L	
10FWAMW79-GWF	22489-5	76241	SW6020	Vanadium	0.00053	mg/L	J, B
10FWAMW76-GWF	22614-2	76241	SW6020	Vanadium	0.00065	mg/L	J, B
10FWAMW70-GWF	22614-3	76241	SW6020	Vanadium	0.00093	mg/L	J, B
10FWAMW39-GWBF	22489-3	76241	SW6020	Vanadium	0.0009	mg/L	J, B
Method Blank	76344-21	76344	SW6020	Vanadium	0.00103	mg/L	
10FWAMW64-GWF	22645-9	76344	SW6020	Vanadium	0.0016	mg/L	J, B
10FWAMW62-GWF	22645-1	76344	SW6020	Vanadium	0.0015	mg/L	J, B
10FWAMW58-GWF	22682-8	76344	SW6020	Vanadium	0.001	mg/L	J, B
10FWAMW45-GWF	22645-7	76344	SW6020	Vanadium	0.003	mg/L	J, B
10FWAMW38-GWF	22645-3	76344	SW6020	Vanadium	0.0014	mg/L	J, B
10FWAMW37-GWF	22682-7	76344	SW6020	Vanadium	0.0023	mg/L	J, B

Attachment B-2, Table B-2-4
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Blank Contamination Summary

Sample ID	Lab Sample ID	QC Lab Lot	Method	Analyte	Result	Units	Qualifier
10FWAMW12-GWF	22682-5	76344	SW6020	Vanadium	0.0042	mg/L	J, B
10FWAMW12-GWBF	22682-6	76344	SW6020	Vanadium	0.0018	mg/L	J, B
10FWAMW06A-GWF	22682-4	76344	SW6020	Vanadium	0.0026	mg/L	J, B
10FWATB04-GWF Trip Blank	22645-2	75522	SW8260L	Trichloroethene (TCE)	0.000057	mg/L	J
10FWAMW38-GWF	22645-3	75522	SW8260L	Trichloroethene (TCE)	0.00023	mg/L	J, B
10FWAMW45-GWF	22645-7	75522	SW8260L	Trichloroethene (TCE)	0.00006	mg/L	J, B
10FWAMW80-GWF	22645-8	75522	SW8260L	Trichloroethene (TCE)	0.00018	mg/L	J, B
10FWATB04-GWF Trip Blank	22645-2	75386	SW8260B	Acetone	0.0019	mg/L	J, B
10FWAMW62-GWF	22645-1	75587	SW8260B	Acetone	0.0046	mg/L	J, B

B = compound detected greater than 1/2 PQL in associated blank
mg/L = milligrams per liter
NA = not applicable

Attachment B-2, Table B-2-5

2010 Taku Gardens **Groundwater Monitoring**

Spring Sampling Event-Laboratory Control Spike/Laboratory Control Spike Duplicate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Results	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Laboratory Control Spike	68076-9	QC580-20463-1	LCS	SW8270	Benzyl butyl phthalate	0.00129	129	45	115	Percent	-
10FWAMW13-GWS	580-20463-1	580-20463-1	-	SW8270	Benzyl butyl phthalate	0.00014	-	45	115	mg/L	JL+
10FWAMW78-GWS	580-20463-2	580-20463-1	-	SW8270	Benzyl butyl phthalate	0.00012	-	45	115	mg/L	JL+
10FWAMW39-GWS	580-20463-3	580-20463-1	-	SW8270	Benzyl butyl phthalate	0.00011	-	45	115	mg/L	JL+
10FWAMW39-GWBS	580-20463-4	580-20463-1	-	SW8270	Benzyl butyl phthalate	0.00011	-	45	115	mg/L	JL+
10FWAMW47-GWS	580-20475-1	580-20475-1	-	SW8270	Benzyl butyl phthalate	0.00031	-	45	115	mg/L	JL+
Laboratory Control Spike	68076-9	QC580-20463-1	LCS	SW8270	Di-n-butyl phthalate	0.00124	124	55	115	Percent	-
10FWAMW13-GWS	580-20463-1	580-20463-1	-	SW8270	Di-n-butyl phthalate	0.00012	-	55	115	mg/L	JL+
10FWAMW78-GWS	580-20463-2	580-20463-1	-	SW8270	Di-n-butyl phthalate	0.000065	-	55	115	mg/L	JL+
10FWAMW39-GWS	580-20463-3	580-20463-1	-	SW8270	Di-n-butyl phthalate	0.00012	-	55	115	mg/L	JL+
10FWAMW39-GWBS	580-20463-4	580-20463-1	-	SW8270	Di-n-butyl phthalate	0.000081	-	55	115	mg/L	JL+
10FWAMW47-GWS	580-20475-1	580-20475-1	-	SW8270	Di-n-butyl phthalate	0.0002	-	55	115	mg/L	JL+
10FWAMW48-GWS	580-20475-2	580-20475-1	-	SW8270	Di-n-butyl phthalate	0.000059	-	55	115	mg/L	JL+
Laboratory Control Spike	69153-7	QC580-20526-1	LCS	8270SIM	Pentachlorophenol	0.000301	30.6517	40	115	Percent	-
10FWAMW03-GWS	580-20526-7	580-20526-1	-	8270SIM	Pentachlorophenol	0.000018	-	40	115	mg/L	JL-
10FWAMW12-GWBS	580-20526-6	580-20526-1	-	8270SIM	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW12-GWS	580-20526-1	580-20526-1	-	8270SIM	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW32-GWS	580-20526-4	580-20526-1	-	8270SIM	Pentachlorophenol	0.028	-	40	115	mg/L	JL-
10FWAMW33-GWS	580-20526-5	580-20526-1	-	8270SIM	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW36-GWS	580-20526-10	580-20526-1	-	8270SIM	Pentachlorophenol	0.000044	-	40	115	mg/L	JL-
10FWAMW58-GWS	580-20526-9	580-20526-1	-	8270SIM	Pentachlorophenol	0.00027	-	40	115	mg/L	JL-
10FWAMW76-GWS	580-20526-2	580-20526-1	-	8270SIM	Pentachlorophenol	0.000012	-	40	115	mg/L	JL-
10FWAMW81-GWS	580-20526-3	580-20526-1	-	8270SIM	Pentachlorophenol	0.000012	-	40	115	mg/L	JL-
10FWAMW03-GWS	580-20526-7	580-20526-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
Laboratory Control Spike	69565-4	QC580-20526-1	LCS	SW8270	Pentachlorophenol	0.000109	11.0998	40	115	Percent	-
10FWAMW12-GWBS	580-20526-6	580-20526-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW12-GWS	580-20526-1	580-20526-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW32-GWS	580-20526-4	580-20526-1	-	SW8270	Pentachlorophenol	0.018	-	40	115	mg/L	JL-
10FWAMW33-GWS	580-20526-5	580-20526-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW36-GWS	580-20526-10	580-20526-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW58-GWS	580-20526-9	580-20526-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW76-GWS	580-20526-2	580-20526-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW81-GWS	580-20526-3	580-20526-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW06A-GWS	580-20559-7	580-20559-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
Laboratory Control Spike	69565-6	QC580-20559-1	LCS	SW8270	Pentachlorophenol	0.000187	19.0428	40	115	Percent	-
10FWAMW08-GWS	580-20559-9	580-20559-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW35-GWS	580-20559-3	580-20559-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW37-GWS	580-20559-4	580-20559-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW38-GWS	580-20559-6	580-20559-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW43-GWS	580-20559-5	580-20559-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW57-GWS	580-20559-8	580-20559-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
Laboratory Control Spike	69343-21	QC580-20605-1	LCS	SW8270	Pentachlorophenol	0.000328	33.4012	40	115	Percent	-
10FWAMW40-GWS	580-20605-4	580-20605-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10FWAMW45-GWS	580-20605-3	580-20605-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
10WAMW77-GWS	580-20639-2	580-20639-1	-	SW8270	Pentachlorophenol	ND	-	40	115	mg/L	JL-
Laboratory Control Spike	68735-5	QC580-20601-1	LCS	SW8260L	1,1-Dichloroethene	0.00675	136.3636	70	130	Percent	-
10FWAMW03-GWS	580-20601-5	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00046	-	70	130	mg/L	JL+
10FWAMW06A-GWS	580-20601-14	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00031	-	70	130	mg/L	JL+
10FWAMW12-GWBS	580-20601-4	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.0016	-	70	130	mg/L	JL+
10FWAMW12-GWS	580-20601-3	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.0017	-	70	130	mg/L	JL+
10FWAMW32-GWS	580-20601-2	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00051	-	70	130	mg/L	JL+
10FWAMW33-GWS	580-20601-1	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00077	-	70	130	mg/L	JL+
10FWAMW35-GWS	580-20601-10	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00022	-	70	130	mg/L	JL+
10FWAMW36-GWS	580-20601-9	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.000037	-	70	130	mg/L	JL+
10FWAMW37-GWS	580-20601-11	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00032	-	70	130	mg/L	JL+
10FWAMW38-GWS	580-20601-13	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.000029	-	70	130	mg/L	JL+
10FWAMW43-GWS	580-20601-12	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00026	-	70	130	mg/L	JL+
10FWAMW57-GWS	580-20601-15	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.000037	-	70	130	mg/L	JL+
10FWAMW58-GWS	580-20601-8	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.0002	-	70	130	mg/L	JL+
10FWAMW76-GWS	580-20601-6	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00011	-	70	130	mg/L	JL+
10FWAMW81-GWS	580-20601-7	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00029	-	70	130	mg/L	JL+
Laboratory Control Spike	68800-5	QC580-20601-1	LCS	SW8260L	1,1-Dichloroethene	0.0067	135.3535	70	130	Percent	-
10FWAMW03-GWS	580-20601-5	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00029	-	70	130	mg/L	JL+
10FWAMW32-GWS	580-20601-2	580-20601-1	-	SW8260L	1,1-Dichloroethene	0.00028	-	70	130	mg/L	JL+
Laboratory Control Spike	68800-5	QC580-20639-1	LCS	SW8260L	1,1-Dichloroethene	0.0067	135.3535	70	130	Percent	-
10WAMW45-GWS	580-20639-13	580-20639-1	-	SW8260L	1,1-Dichloroethene	0.00015	-	70	130	mg/L	JL+
Laboratory Control Spike	69960-7	QC580-20965-1	LCS	SW8081A	delta-BHC	0.0000727	36.35	45	135	Percent	-
10FWA-TAKU-WW-W01	580-20965-1	580-20965-1	-	SW8081A	delta-BHC	ND	-	45	135	mg/L	JL-

JL+ = estimated with a possible high bias

JL- = estimated with a possible low bias

mg/L= milligrams per liter

ND = not detected

Attachment B-2, Table B-2-6
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Laboratory Control Spike/Laboratory Control Spike Duplicate Outliers

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Laboratory Control Spike	580-74678/2-A	580-22489	LCS	SW8270C	Pentachlorophenol	-	3	40	115	Percent	-
10FWAMW40-GWF	580-22489-1	580-22489	-	SW8270C	Pentachlorophenol	0.000041	-	-	-	mg/L	R
10FWAMW39-GWF	580-22489-2	580-22489	-	SW8270C	Pentachlorophenol	ND	-	-	-	mg/L	R
10FWAMW39-GWBF	580-22489-3	580-22489	-	SW8270C	Pentachlorophenol	ND	-	-	-	mg/L	R
10FWAMW78-GWF	580-22489-4	580-22489	-	SW8270C	Pentachlorophenol	ND	-	-	-	mg/L	R
10FWAMW79-GWF	580-22489-5	580-22489	-	SW8270C	Pentachlorophenol	ND	-	-	-	mg/L	R
10FWAMW47-GWF	580-22489-6	580-22489	-	SW8270C	Pentachlorophenol	0.000025	-	-	-	mg/L	R
10FWAMW08-GWF	580-22489-7	580-22489	-	SW8270C	Pentachlorophenol	ND	-	-	-	mg/L	R
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Pentachlorophenol	ND	-	-	-	mg/L	R
Laboratory Control Spike Duplicate	580-74886/3-A	580-22610	LCSD	SW8270C	Benzyl Butyl Phthalate	-	118	45	115	Percent	-
10FWAMW35-GWF	580-22610-1	580-22610	-	SW8270C	Benzyl Butyl Phthalate	0.0001	-	-	-	mg/L	JL+
10FWAMW36-GWF	580-22610-8	580-22610		SW8270C	Benzyl Butyl Phthalate	0.00013	-	-	-	mg/L	JL+
Laboratory Control Spike	580-75490/2-A	580-22682	LCS	SW8260B	Acetone	-	175	40	140	Percent	-
10FWAMW06A-GWF	580-22682-4	580-22682	-	SW8260B	Acetone	0.0019	-	-	-	mg/L	JL+
Laboratory Control Spike Duplicate	580-74886/3-A	580-22610	LCSD	SW8270C	Benzyl Butyl Phthalate	-	118	45	115	Percent	-
10FWAMW69-GWF	580-22614-5	580-22614	-	SW8270C	Benzyl Butyl Phthalate	0.00012	-	-	-	mg/L	JL+
10FWAMW70-GWF	580-22614-3	580-22614	-	SW8270C	Benzyl Butyl Phthalate	0.00015	-	-	-	mg/L	JL+
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8270C	Benzyl Butyl Phthalate	0.00016	-	-	-	mg/L	JL+
10FWAMW13-GWF	580-22614-4	580-22614	-	SW8270C	Benzyl Butyl Phthalate	0.00011	-	-	-	mg/L	JL+
10FWAMW26-GWF	580-22614-7	580-22614	-	SW8270C	Benzyl Butyl Phthalate	0.00013	-	-	-	mg/L	JL+
Laboratory Control Spike Duplicate	580-74885/3-A	580-22614	LCSD	SW8081A	beta-BHC	-	60	65	125	Percent	-
10FWAMW81-GWF	580-22614-1	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
10FWAMW70-GWF	580-22614-3	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
10FWAMW13-GWF	580-22614-4	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
10FWAMW69-GWF	580-22614-5	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
10FWAMW57-GWF	580-22614-6	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
10FWAMW26-GWF	580-22614-7	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
10FWAMW53-GWF	580-22614-8	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
10FWAMW03-GWF	580-22614-9	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JL-
Laboratory Control Spike Duplicate	580-74885/3-A	580-22614	LCSD	SW8081A	alpha-Chlordane	-	65	65	125	Percent	-
10FWAMW81-GWF	580-22614-1	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-
10FWAMW79-GWF	580-22614-3	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-
10FWAMW13-GWF	580-22614-4	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-
10FWAMW69-GWF	580-22614-5	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-
10FWAMW57-GWF	580-22614-6	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-
10FWAMW26-GWF	580-22614-7	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-
10FWAMW53-GWF	580-22614-8	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-
10FWAMW03-GWF	580-22614-9	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JL-

JL+ = estimated with a possible high bias
JL- = estimated with a possible low bias
R = result was rejected
mg/L= milligrams per liter
ND = not detected

Attachment B-2, Table B-2-7
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event- Surrogate Recovery Outlier

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
10FWAMW06A-GWS	580-20559-7	580-20559	Surrogate	SW8081A	Tetrachloro-m-xylene	200	200	25	140	Percent	-
10FWAMW06A-GWS	580-20559-7	580-20559	-	SW8081A	4,4'-DDE	0.0000092	-	-	-	mg/L	JS+
10FWAMW37-GWS	580-20559-4	580-20559	Surrogate	SW8081A	Tetrachloro-m-xylene	23	23	25	140	Percent	-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Aldrin	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	alpha-BHC	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	delta-BHC	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	gamma-BHC (Lindane)	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	gamma-Chlordane	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	4,4'-DDD	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	4,4'-DDE	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	4,4'-DDT	0.0000039	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Dieldrin	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Endosulfan I	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Endosulfan II	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Endosulfan sulfate	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Endrin	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Endrin aldehyde	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Endrin ketone	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Heptachlor epoxide	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Heptachlor	ND	-	-	-	mg/L	JS-
10FWAMW37-GWS	580-20559-4	580-20559	-	SW8081A	Methoxychlor	ND	-	-	-	mg/L	JS-
10FWAMW76-GWS	580-20526-2	580-20526	Surrogate	SW8082	Decachlorobiphenyl	34	34	40	135	Percent	-
10FWAMW76-GWS	580-20526-2	580-20526	-	SW8082	PCB-1016 (Aroclor 1016)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWS	580-20526-2	580-20526	-	SW8082	PCB-1221 (Aroclor 1221)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWS	580-20526-2	580-20526	-	SW8082	PCB-1232 (Aroclor 1232)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWS	580-20526-2	580-20526	-	SW8082	PCB-1242 (Aroclor 1242)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWS	580-20526-2	580-20526	-	SW8082	PCB-1248 (Aroclor 1248)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWS	580-20526-2	580-20526	-	SW8082	PCB-1254 (Aroclor 1254)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWS	580-20526-2	580-20526	-	SW8082	PCB-1260 (Aroclor 1260)	ND	-	-	-	mg/L	JS-

JS+ = estimated with a possible high bias
JS- = estimated with a possible low bias
mg/L= milligrams per liter
ND = not detected

Attachment B-2, Table B-2-8
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Surrogate Recovery Outlier

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
10FWAMW48-GWF	580-22489-8	580-22489	Surrogate	SW8270C	2-Fluorobiphenyl	-	38	50	110	Percent	-
10FWAMW48-GWF	580-22489-8	580-22489	Surrogate	SW8270C	Nitrobenzene-d5	-	37	40	110	Percent	-
10FWAMW48-GWF	580-22489-8	580-22489	Surrogate	SW8270C	Terphenyl-d14	-	46	50	135	Percent	-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	1,2,4-Trichlorobenzene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	1,2-Dichlorobenzene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	1,3-Dichlorobenzene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	1,4-Dichlorobenzene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2,4,5-Trichlorophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2,4,6-Trichlorophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2,4-Dichlorophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2,4-Dinitrophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2-Chloronaphthalene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2-Chlorophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2-Methyl-4,6-dinitrophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2-Methylnaphthalene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2-Methylphenol (o-Cresol)	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2-Nitroaniline	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	2-Nitrophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	3,3'-Dichlorobenzidine	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	3-Methylphenol/4-Methylphenol Coelution	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	3-Nitroaniline	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	4-Bromophenyl phenyl ether	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	4-Chloro-3-methylphenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	4-Chlorophenyl phenyl ether	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	4-Nitroaniline	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	4-Nitrophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Acenaphthene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Acenaphthylene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Anthracene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Azobenzene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Benzo(a)anthracene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Benzo(a)pyrene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Benzo(b)fluoranthene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Benzo(g,h,i)perylene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Benzo(k)fluoranthene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Benzoic acid	0.00036	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Benzyl alcohol	0.000024	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Benzyl butyl phthalate	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	bis-(2-Chloroethoxy)methane	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	bis-(2-Chloroethyl)ether	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	bis(2-Chloroisopropyl)ether	ND	-	-	-	mg/L	JS-

Attachment B-2, Table B-2-8
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Surrogate Recovery Outlier

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	bis-(2-Ethylhexyl)phthalate	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Carbazole	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Chrysene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Dibenzo(a,h)anthracene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Dibenzofuran	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Diethyl phthalate	0.000041	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Dimethyl phthalate	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Di-n-butyl phthalate	0.000064	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Di-n-octyl phthalate	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Fluoranthene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Fluorene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Hexachlorobenzene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Hexachlorobutadiene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Hexachloroethane	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Indeno(1,2,3-cd)pyrene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Isophorone	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Naphthalene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Nitrobenzene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	n-Nitrosodimethylamine	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	n-Nitrosodi-n-propylamine	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	n-Nitrosodiphenylamine	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Pentachlorophenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Phenanthrene	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Phenol	ND	-	-	-	mg/L	JS-
10FWAMW48-GWF	580-22489-8	580-22489	-	SW8270C	Pyrene	ND	-	-	-	mg/L	JS-
10FWAMW62-GWF	580-22645-1	580-22645	Surrogate	SW8270C	Nitrobenzene-d5	-	31	40	110	Percent	-
10FWAMW62-GWF	580-22645-1	580-22645	Surrogate	SW8270C	Terphenyl-d14	-	156	50	135	Percent	-
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	1,2-Dichlorobenzene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	1,3-Dichlorobenzene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	1,4-Dichlorobenzene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2,4,5-Trichlorophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2,4,6-Trichlorophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2,4-Dichlorophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2,4-Dimethylphenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2,4-Dinitrophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2,4-Dinitrotoluene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2-Chloronaphthalene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2-Chlorophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2-Methyl-4,6-dinitrophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2-Methylnaphthalene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2-Methylphenol (o-Cresol)	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2-Nitroaniline	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	2-Nitrophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	3,3'-Dichlorobenzidine	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	3-Methylphenol/4-Methylphenol Coelution	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	3-Nitroaniline	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	4-Bromophenyl phenyl ether	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	4-Chloro-3-methylphenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	4-Chloroaniline	ND	-	-	-	mg/L	JS

Attachment B-2, Table B-2-8
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Surrogate Recovery Outlier

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	4-Chlorophenyl phenyl ether	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	4-Nitroaniline	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	4-Nitrophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Acenaphthene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Acenaphthylene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Anthracene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Azobenzene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Benzo(a)anthracene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Benzo(a)pyrene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Benzo(b)fluoranthene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Benzo(g,h,i)perylene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Benzo(k)fluoranthene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Benzoic acid	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Benzyl alcohol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Benzyl butyl phthalate	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	bis-(2-Chloroethoxy)methane	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	bis-(2-Chloroethyl)ether	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	bis(2-Chloroisopropyl)ether	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	bis-(2-Ethylhexyl)phthalate	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Carbazole	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Chrysene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Dibenzo(a,h)anthracene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Dibenzofuran	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Diethyl phthalate	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Dimethyl phthalate	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Di-n-butyl phthalate	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Di-n-octyl phthalate	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Fluoranthene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Fluorene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Hexachlorobenzene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Hexachlorobutadiene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Hexachloroethane	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Indeno(1,2,3-cd)pyrene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Isophorone	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Naphthalene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Nitrobenzene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	n-Nitrosodimethylamine	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	n-Nitrosodi-n-propylamine	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	n-Nitrosodiphenylamine	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Pentachlorophenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Phenanthrene	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Phenol	ND	-	-	-	mg/L	JS
10FWAMW62-GWF	580-22645-1	580-22645	-	SW8270C	Pyrene	ND	-	-	-	mg/L	JS
10FWAMW33-GWF	580-22682-1	580-22682	Surrogate	SW8321A	Nitrobenzene-d5	-	31	48	130	Percent	-
10FWAMW33-GWF	580-22682-1	580-22682	-	SW8321A	1,3,5-Trinitrobenzene	ND	-	-	-	mg/L	JS-
10FWAMW33-GWF	580-22682-1	580-22682	-	SW8321A	1,3-Dinitrobenzene	ND	-	-	-	mg/L	JS-
10FWAMW33-GWF	580-22682-1	580-22682	-	SW8321A	2-Amino-4,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
10FWAMW33-GWF	580-22682-1	580-22682	-	SW8321A	4-Amino-2,6-dinitrotoluene	ND	-	-	-	mg/L	JS-
10FWAMW33-GWF	580-22682-1	580-22682	-	SW8321A	Methyl-2,4,6-trinitrophenylnitramine	ND	-	-	-	mg/L	JS-
10FWAMW33-GWF	580-22682-1	580-22682	-	SW8321A	Nitrobenzene	ND	-	-	-	mg/L	JS-

Attachment B-2, Table B-2-8
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Surrogate Recovery Outlier

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Upper Control Limit	Lower Control Limit	Units	Qualifier
10FWAMW76-GWF	580-22614-2	580-22614	Surrogate	SW8081A	Decachlorobiphenyl	-	26	30	135	Percent	-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	4,4'-DDD	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	4,4'-DDE	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	4,4'-DDT	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Aldrin	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	alpha-BHC	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	delta-BHC	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Dieldrin	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Endosulfan I	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Endosulfan II	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Endosulfan sulfate	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Endrin	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Endrin aldehyde	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Endrin ketone	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	gamma-BHC (Lindane)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	gamma-Chlordane	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Heptachlor	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Heptachlor epoxide	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Methoxychlor	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8081A	Toxaphene	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	Surrogate	SW8082	Tetrachloro-m-Xylene	-	30	60	150	Percent	-
10FWAMW76-GWF	580-22614-2	580-22614	Surrogate	SW8082	Decachlorobiphenyl	-	20	40	135	Percent	-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8082	PCB-1016 (Aroclor 1016)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8082	PCB-1221 (Aroclor 1221)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8082	PCB-1232 (Aroclor 1232)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8082	PCB-1242 (Aroclor 1242)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8082	PCB-1248 (Aroclor 1248)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8082	PCB-1254 (Aroclor 1254)	ND	-	-	-	mg/L	JS-
10FWAMW76-GWF	580-22614-2	580-22614	-	SW8082	PCB-1260 (Aroclor 1260)	ND	-	-	-	mg/L	JS-

JS+ = estimated with a possible high bias
JS- = estimated with a possible low bias
JS = estimated
mg/L= milligrams per liter
ND = not detected

Attachment B-2, Table B-2-9
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Matrix Spike/Matrix Spike Duplicate Outlier

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
10FWAMW64-GWS	580-20484-2	580-20484-1	-	AK102	Diesel Range Organics (C10-C25)	0.39	-	0	0	mg/L	JM-
Matrix Spike Duplicate	68754-27	QC580-20484-1	MSD	AK102	Diesel Range Organics (C10-C25)	0.741	73.431	75	125	Percent	-
10FWAMW39-GWS	580-20463-3	580-20463-1	-	SW8270	3,3'-Dichlorobenzidine	ND	-	20	110	mg/L	JM-
Matrix Spike	68076-13	QC580-20463-1	MS	SW8270	3,3'-Dichlorobenzidine	ND	0	20	110	Percent	-
Matrix Spike Duplicate	68076-14	QC580-20463-1	MSD	SW8270	3,3'-Dichlorobenzidine	ND	0	20	110	Percent	-
10FWAMW64-GWS	580-20484-2	580-20484-1	-	SW8270	3,3'-Dichlorobenzidine	ND	-	20	110	mg/L	JM-
Matrix Spike	68076-13	QC580-20463-1	MS	SW8270	3,3'-Dichlorobenzidine	ND	0	20	110	Percent	-
Matrix Spike Duplicate	68076-14	QC580-20463-1	MSD	SW8270	3,3'-Dichlorobenzidine	ND	0	20	110	Percent	-
10FWAMW03-GWS	580-20526-7	580-20526-1	-	SW8270	3,3'-Dichlorobenzidine	ND	-	20	110	mg/L	JM-
Matrix Spike	69565-11	QC580-20526-1	MS	SW8270	3,3'-Dichlorobenzidine	ND	0	20	110	Percent	-
Matrix Spike Duplicate	69565-12	QC580-20526-1	MSD	SW8270	3,3'-Dichlorobenzidine	ND	0	20	110	Percent	-
10FWAMW43-GWS	580-20559-5	580-20559-1	-	SW8270	3,3'-Dichlorobenzidine	ND	-	20	110	mg/L	JM-
Matrix Spike	69565-24	QC580-20559-1	MS	SW8270	3,3'-Dichlorobenzidine	ND	0	20	110	Percent	-
Matrix Spike Duplicate	69565-25	QC580-20559-1	MSD	SW8270	3,3'-Dichlorobenzidine	ND	0	20	110	Percent	-
10FWAMW03-GWS	580-20526-7	580-20526-1	-	SW8270	4-Chloroaniline	ND	-	15	110	mg/L	JM-
Matrix Spike Duplicate	69565-12	QC580-20526-1	MSD	SW8270	4-Chloroaniline	0.000106	11.0187	15	110	Percent	-
10WAMW77-GWS	580-20639-2	580-20639-1	-	SW8081A	alpha-BHC	ND	-	60	130	mg/L	JM-
Matrix Spike	69576-39	QC580-20639-1	MS	SW8081A	alpha-BHC	0.000115	56.3725	60	130	Percent	-
Matrix Spike Duplicate	69576-40	QC580-20639-1	MSD	SW8081A	alpha-BHC	0.000105	54.1237	60	130	Percent	-
10WAMW77-GWS	580-20639-2	580-20639-1	-	SW8081A	beta-BHC	ND		65	125	mg/L	JM-
Matrix Spike	69576-39	QC580-20639-1	MS	SW8081A	beta-BHC	0.000126	61.7647	65	125	Percent	-
Matrix Spike Duplicate	69576-40	QC580-20639-1	MSD	SW8081A	beta-BHC	0.000116	59.7938	65	125	Percent	-
10FWAMW03-GWS	580-20526-7	580-20526-1	-	SW8270	n-Nitrosodiphenylamine	ND	-	50	110	mg/L	JM-
Matrix Spike	69565-11	QC580-20526-1	MS	SW8270	n-Nitrosodiphenylamine	0.000472	49.1667	50	110	Percent	-
10FWAMW03-GWS	580-20526-7	580-20526-1	-	8270SIM	Pentachlorophenol	0.000018	-	40	115	mg/L	JM+
Matrix Spike	69153-20	QC580-20526-1	MS	8270SIM	Pentachlorophenol	0.00123	128.3898	40	115	Percent	-
Matrix Spike Duplicate	69153-21	QC580-20526-1	MSD	8270SIM	Pentachlorophenol	0.00124	129.4492	40	115	Percent	-
10FWAMW43-GWS	580-20559-5	580-20559-1	-	8270SIM	Pentachlorophenol	0.0000067	-	40	115	mg/L	JM+
Matrix Spike	69153-25	QC580-20559-1	MS	8270SIM	Pentachlorophenol	0.00125	131.6637	40	115	Percent	-
Matrix Spike Duplicate	69153-26	QC580-20559-1	MSD	8270SIM	Pentachlorophenol	0.00121	128.6539	40	115	Percent	-
10FWAMW35-GWS	580-20559-3	580-20559-1	-	SW6020	Antimony	ND	-	80	120	mg/L	JM-
Matrix Spike	69949-18	QC580-20559-1	MS	SW6020	Antimony	2.33	77.66666667	80	120	Percent	-
10FWAMW45-GWS	580-20605-3	580-20605-1	-	SW6020	Antimony	0.0013	-	80	120	mg/L	JM-
Matrix Spike	70047-18	QC580-20605-1	MS	SW6020	Antimony	2.27	75.66666667	80	120	Percent	-

JM+ = estimated with a possible high bias
JM- = estimated with a possible low bias
mg/L= milligrams per liter
ND = not detected

Attachment B-2, Table B-2-10
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Matrix Spike/Matrix Spike Duplicate Outlier

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
10FWAMW39-GWF	580-22489-2	580-22489-1	-	SW8270C	2-Chloronaphthalene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22489-2MS	580-22489-1	MS	SW8270C	2-Chloronaphthalene	-	49	50	105	Percent	-
10FWAMW39-GWF	580-22489-2	580-22489-1	-	SW8270C	Dibenzofuran	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22489-2MS	580-22489-1	MS	SW8270C	Dibenzofuran	-	53	55	105	Percent	-
10FWAMW39-GWF	580-22489-2	580-22489-1	-	SW8270C	3,3'-Dichlorobenzidine	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22489-2MS	580-22489-1	MS	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
Matrix Spike Duplicate	580-22489-2MSD	580-22489-1	MSD	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
10FWAMW39-GWF	580-22489-2	580-22489-1	-	SW8270C	Azobenzene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22489-2MS	580-22489-1	MS	SW8270C	Azobenzene	-	53	55	115	Percent	-
10FWAMW39-GWF	580-22489-2	580-22489-1	-	SW8270C	N-Nitrosodiphenylamine	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22489-2MS	580-22489-1	MS	SW8270C	N-Nitrosodiphenylamine	-	47	50	110	Percent	-
10FWAMW39-GWF	580-22489-2	580-22489-1	-	RSK-175	Methane	0.41		-	-	mg/L	JM+
Matrix Spike	580-22489-2MS	580-22489-1	MS	RSK-175	Methane	-	283	75	125	Percent	-
Matrix Spike Duplicate	580-22489-2MSD	580-22489-1	MSD	RSK-175	Methane	-	234	75	125	Percent	-
10FWAMW39-GWF	580-22489-2	580-22489-1	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22489-2MS	580-22489-1	MS	SW8081A	beta-BHC	-	63	65	125	Percent	-
10FWAMW39-GWF	580-22489-2	580-22489-1	-	SW8081A	endrin ketone	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22489-2MS	580-22489-1	MS	SW8081A	endrin ketone	-	70	75	125	Percent	-
10FWAMW39-GWF	580-22489-2	580-22489-1	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22489-2MS	580-22489-1	MS	SW8081A	alpha-Chlordane	-	62	65	125	Percent	-
Matrix Spike Duplicate	580-22489-2MSD	580-22489-1	MSD	SW8081A	alpha-Chlordane	-	64	65	125	Percent	-
10FWAMW85-GWF	580-22610-9	580-22610	-	AK102	Diesel Range Organics	0.061	-	-	-	mg/L	JM-
Matrix Spike Duplicate	580-22610-9	580-22610	MSD	AK102	Diesel Range Organics	-	64	75	125	Percent	-
10FWAMW64-GWF	580-22645-9	580-22645	-	SW8260B	2,2-Dichloropropane	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22645-9MS	580-22645	MS	SW8260B	2,2-Dichloropropane	-	56	70	135	Percent	-
Matrix Spike Duplicate	580-22645-9MSD	580-22645	MSD	SW8260B	2,2-Dichloropropane	-	56	70	135	Percent	-
10FWAMW64-GWF	580-22645-9	580-22645	-	SW8270C	3,3'-Dichlorobenzidine	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22645-9MS	580-22645	MS	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8270C	3,3'-Dichlorobenzidine	-	0	20	110	Percent	-
10FWAMW64-GWF	580-22645-9MS	580-22645	-	SW8270C	N-Nitrosodiphenylamine	ND	-	-	-	mg/L	JM-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8270C	N-Nitrosodiphenylamine	-	47	50	110	Percent	-
10FWAMW64-GWF	580-22645-9MS	580-22645	-	SW8151A	4-Nitrophenol	ND	-	-	-	mg/L	JM-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8151A	4-Nitrophenol	-	31	50	150	Percent	-
10FWAMW64-GWF	580-22645-9MS	580-22645	-	RSK-175	Methane	0.073	-	-	-	mg/L	JM+
Matrix Spike	580-22645-9MS	580-22645	MS	RSK-175	Methane	-	126	75	125	Percent	-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	RSK-175	Methane	-	137	75	125	Percent	-
10FWAMW64-GWF	580-22645-9MS	580-22645	-	SW8081A	alpha-BHC	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22645-9MS	580-22645	MS	SW8081A	alpha-BHC	-	58	60	130	Percent	-

Attachment B-2, Table B-2-10
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Matrix Spike/Matrix Spike Duplicate Outlier

Sample ID	Laboratory Sample ID	Laboratory SDG	QC Type	Method	Analyte	Result	Recovery	Lower Control Limit	Upper Control Limit	Units	Qualifier
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8081A	alpha-BHC	-	58	60	130	Percent	-
10FWAMW64-GWF	580-22645-9MS	580-22645	-	SW8081A	beta-BHC	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22645-9MS	580-22645	MS	SW8081A	beta-BHC	-	58	65	125	Percent	-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8081A	beta-BHC	-	58	65	125	Percent	-
10FWAMW64-GWF	580-22645-9MS	580-22645	-	SW8081A	Heptachlor Epoxide	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22645-9MS	580-22645	MS	SW8081A	Heptachlor Epoxide	-	58	60	130	Percent	-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8081A	Heptachlor Epoxide	-	58	60	130	Percent	-
10FWAMW64-GWF	580-22645-9MS	580-22645	-	SW8081A	alpha-Chlordane	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22645-9MS	580-22645	MS	SW8081A	alpha-Chlordane	-	58	65	125	Percent	-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8081A	alpha-Chlordane	-	59	65	125	Percent	-
10FWAMW64-GWF	580-22645-9	580-22645	-	SW8081A	gamma-Chlordane	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22645-9MS	580-22645	MS	SW8081A	gamma-Chlordane	-	58	60	125	Percent	-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8081A	gamma-Chlordane	-	58	60	125	Percent	-
10FWAMW64-GWF	580-22645-9	580-22645	-	SW8321A	2,6-Dinitrotoluene	ND	-	-	-	mg/L	JM-
Matrix Spike	580-22645-9MS	580-22645	MS	SW8321A	2,6-Dinitrotoluene	-	63	67	132	Percent	-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8321A	2,6-Dinitrotoluene	-	63	67	132	Percent	-
10FWAMW64-GWF	580-22645-9	580-22645	-	SW8321A	RDX	ND	-	-	-	mg/L	JM-
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW8321A	RDX	-	68	72	130	Percent	-
10FWAMW64-GWF	580-22645-9	580-22645	-	SW6020A	Iron	14	-	-	-	mg/L	JM+
Matrix Spike Duplicate	580-22645-9MS	580-22645	MSD	SW6020A	Iron	-	121	80	120	Percent	-

JM+ = estimated with a possible high bias
JM- = estimated with a possible low bias
mg/L= milligrams per liter
ND = not detected

Attachment B-2, Table B-2-11
2010 Taku Gardens Groundwater Monitoring
Spring/Fall Sampling Event-Calibration Outliers

Sample ID	Lab Sample ID	SDG	QC Lab Lot	Method	Analyte	Result	DL	LOQ	Units	Qualifier
10FWAMW03-GWS	580-20601-5	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00046	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW06A-GWS	580-20601-14	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00031	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW12-GWBS	580-20601-4	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.0016	0.000027	0.0007	mg/L	JL+,JC+
10FWAMW12-GWS	580-20601-3	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.0017	0.000027	0.0007	mg/L	JL+,JC+
10FWAMW32-GWS	580-20601-2	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00051	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW33-GWS	580-20601-1	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00077	0.000027	0.0007	mg/L	JL+,JC+
10FWAMW35-GWS	580-20601-10	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00022	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW36-GWS	580-20601-9	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.000037	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW37-GWS	580-20601-11	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00032	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW38-GWS	580-20601-13	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.000029	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW43-GWS	580-20601-12	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00026	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW57-GWS	580-20601-15	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.000037	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW58-GWS	580-20601-8	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.0002	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW76-GWS	580-20601-6	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00011	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW81-GWS	580-20601-7	580-20601-1	68735	SW8260L	1,1-Dichloroethene	0.00029	0.000027	0.0007	mg/L	J,JL+,JC+
10FWAMW62-GWS	580-20484-6	580-20484-1	68017	SW8081A	4,4'-DDT	0.0000075	0.000001	0.000019	mg/L	J,JC+
10FWAMW33-GWS	580-20526-5	580-20526-1	68207	SW8081A	alpha-BHC	0.0004	0.0000025	0.0000096	mg/L	JC+
10FWAMW12-GWBS	580-20526-6	580-20526-1	68207	SW8081A	gamma-BHC (Lindane)	0.00016	0.0000006	0.0000096	mg/L	JC+
10FWAMW12-GWS	580-20526-1	580-20526-1	68207	SW8081A	gamma-BHC (Lindane)	0.00016	0.0000006	0.0000095	mg/L	JC+
10FWAMW33-GWS	580-20526-5	580-20526-1	68207	SW8081A	gamma-BHC (Lindane)	0.0002	0.0000006	0.0000096	mg/L	JC+
10FWAMW03-GWS	580-20526-7	580-20526-1	68261	SW8270	Benzoic acid	0.00053	0.0002	0.00096	mg/L	J,JC+
10FWAMW32-GWS	580-20526-4	580-20526-1	68261	SW8270	Benzoic acid	0.00059	0.0002	0.00095	mg/L	J,JC+
10FWAMW36-GWS	580-20526-10	580-20526-1	68261	SW8270	Benzoic acid	0.00064	0.0002	0.00095	mg/L	J,JC+
10FWAMW76-GWS	580-20526-2	580-20526-1	68261	SW8270	Benzoic acid	0.0008	0.0002	0.00095	mg/L	J,JC+
10FWAMW81-GWS	580-20526-3	580-20526-1	68261	SW8270	Benzoic acid	0.00054	0.0002	0.00095	mg/L	J,JC+
10FWAMW64-GWBS	580-20484-3	580-20484-1	68021	SW8270	bis-(2-Ethylhexyl)phthalate	0.00073	0.00057	0.0015	mg/L	J,JC+
10FWAMW06A-GWF	22682-4	580-22682-1	75490	SW8260B	Acetone	0.0019	0.0017	0.01	mg/L	J, JL+, JC+

Attachment B-2, Table B-2-12
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Field Duplicate Results that Failed RPD Criteria

Method	Analyte	Primary Sample Concentration (mg/L)	Primary Sample PQL (mg/L)	Data Flag	Field Duplicate Concentration (mg/L)	Field Duplicate PQL (mg/L)	Data Flag	RPD
10FWAMW12-GWS/10FWAMW12-GWBS								
AK103	Residual-Range Organics (C25-C36)	0.15	0.094	JD	0.11	0.097	JD	30.76923077

JD = poor duplicate precision
mg/L= milligrams per liter

Attachment B-2, Table B-2-13
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Field Duplicate Results that Failed RPD Criteria

Method	Analyte	Primary Sample Concentration (mg/L)	Primary Sample PQL (mg/L)	Data Flag	Field Duplicate Concentration (mg/L)	Field Duplicate PQL (mg/L)	Data Flag	RPD
10FWAMW12-GWF/10FWAMW12-GWBF								
SW8081A	beta-BHC	0.000022	0.000019	JD	0.000054	0.000019	JD	84.21
SW8081A	gamma-BHC (Lindane)	0.000036	0.0000097	JD	0.000064	0.0000097	JD	56
10FWAMW39-GWF/10FWAMW39-GWBF								
E300A	Sulfate	68	5	JD	3.2	5	JD	182.02
E310.1	Alkalinity, Total	170	5	JD	240	5	JD	34.15
10FWAMW64-GWF/10FWAMW64-GWBF								
SW6020	Selenium	0.0039	0.002	JD	0.0021	0.002	JD	60

JD = poor duplicate precision
mg/L= milligrams per liter

Attachment B-2, Table B-2-14
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Detection Limits Greater that ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Units	Result	ADEC Action Level	DL	PQL	Dilution Factor	Reason for Dilution
10FWAMW03-GWS	580-20601-5	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW06A-GWS	580-20601-14	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW08-GWS	580-20601-16	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW12-GWBS	580-20601-4	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW12-GWS	580-20601-3	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW13-GWS	580-20463-1	580-20463-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW26-GWS	580-20484-4	580-20484-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW32-GWS	580-20601-2	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW33-GWS	580-20601-1	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW35-GWS	580-20601-10	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW36-GWS	580-20601-9	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW37-GWS	580-20601-11	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW38-GWS	580-20601-13	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW39-GWBS	580-20463-4	580-20463-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW39-GWS	580-20463-3	580-20463-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW43-GWS	580-20601-12	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW48-GWS	580-20482-6	580-20482-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW53-GWS	580-20484-1	580-20484-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW56-GWS	580-20482-4	580-20482-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW57-GWS	580-20601-15	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW58-GWS	580-20601-8	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW61-GWS	580-20482-3	580-20482-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW62-GWS	580-20484-6	580-20484-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW64-GWBS	580-20484-3	580-20484-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW64-GWS	580-20484-2	580-20484-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW69-GWS	580-20482-2	580-20482-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW70-GWS	580-20484-5	580-20484-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW76-GWS	580-20601-6	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW78-GWS	580-20463-2	580-20463-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW80-GWS	580-20482-5	580-20482-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW81-GWS	580-20601-7	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWATB01-GWBS	580-20463-5	580-20463-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWATB02-GWS	580-20482-8	580-20482-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWATB05-GWS	580-20601-17	580-20601-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW40-GWS	580-20639-12	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW45-GWS	580-20639-13	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW77-GWS	580-20639-2	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW82-GWS	580-20639-10	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW83-GWS	580-20639-11	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW85-GWS	580-20639-7	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	

Attachment B-2, Table B-2-14
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Detection Limits Greater that ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Units	Result	ADEC Action Level	DL	PQL	Dilution Factor	Reason for Dilution
10WAMW85-GWS	580-20639-15	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW86-GWS	580-20639-9	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW87-GWS	580-20639-4	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW88-GWS	580-20639-5	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW89-GWS	580-20639-1	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WAMW90-GWS	580-20639-3	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WATB07-GWS	580-20639-6	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.00012	0.0003	0.001	1	
10FWAMW03-GWS	580-20601-5	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW06A-GWS	580-20601-14	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW08-GWS	580-20601-16	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW12-GWBS	580-20601-4	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW12-GWS	580-20601-3	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW13-GWS	580-20463-1	580-20463-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW26-GWS	580-20484-4	580-20484-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW32-GWS	580-20601-2	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW33-GWS	580-20601-1	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW35-GWS	580-20601-10	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW36-GWS	580-20601-9	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW37-GWS	580-20601-11	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW38-GWS	580-20601-13	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW39-GWBS	580-20463-4	580-20463-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW39-GWS	580-20463-3	580-20463-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW43-GWS	580-20601-12	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW47-GWS	580-20482-7	580-20482-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW48-GWS	580-20482-6	580-20482-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW53-GWS	580-20484-1	580-20484-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW56-GWS	580-20482-4	580-20482-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW57-GWS	580-20601-15	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW58-GWS	580-20601-8	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW61-GWS	580-20482-3	580-20482-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW62-GWS	580-20484-6	580-20484-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW64-GWBS	580-20484-3	580-20484-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW64-GWS	580-20484-2	580-20484-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW69-GWS	580-20482-2	580-20482-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW70-GWS	580-20484-5	580-20484-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW76-GWS	580-20601-6	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW78-GWS	580-20463-2	580-20463-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW79-GWS	580-20482-1	580-20482-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW80-GWS	580-20482-5	580-20482-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW81-GWS	580-20601-7	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWATB01-GWBS	580-20463-5	580-20463-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWATB02-GWS	580-20482-8	580-20482-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	

Attachment B-2, Table B-2-14
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Detection Limits Greater that ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Units	Result	ADEC Action Level	DL	PQL	Dilution Factor	Reason for Dilution
10FWATB03-GWS	580-20484-7	580-20484-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWATB04-GWS	580-20484-8	580-20484-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWATB05-GWS	580-20601-17	580-20601-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW40-GWS	580-20639-12	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW45-GWS	580-20639-13	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW77-GWS	580-20639-2	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW82-GWS	580-20639-10	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW83-GWS	580-20639-11	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW84-GWS	580-20639-14	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW85-GWS	580-20639-7	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW85-GWS	580-20639-15	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW86-GWS	580-20639-9	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW87-GWS	580-20639-4	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW88-GWS	580-20639-5	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW89-GWS	580-20639-1	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WAMW90-GWS	580-20639-3	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WATB07-GWS	580-20639-6	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10WATB08-GWS	580-20639-8	580-20639-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.00093	0.001	1	
10FWAMW06A-GWS	580-20559-7	580-20559-1	8270SIM	Benzo(a)pyrene	mg/L	ND	0.0002	0.00047	0.0019	100	Matrix affect on internal standard
10FWAMW06A-GWS	580-20559-7	580-20559-1	8270SIM	Benzo(a)pyrene	mg/L	ND	0.0002	0.00047	0.0019	100	Matrix affect on internal standard
10FWAMW12-GWBS	580-20526-6	580-20526-1	8270SIM	Benzo(a)pyrene	mg/L	ND	0.0002	0.00048	0.0019	100	Matrix affect on internal standard
10FWAMW12-GWBS	580-20526-6	580-20526-1	8270SIM	Benzo(a)pyrene	mg/L	ND	0.0002	0.00048	0.0019	100	Matrix affect on internal standard
10FWAMW12-GWS	580-20526-1	580-20526-1	8270SIM	Benzo(a)pyrene	mg/L	ND	0.0002	0.00048	0.0019	100	Matrix affect on internal standard
10FWAMW12-GWS	580-20526-1	580-20526-1	8270SIM	Benzo(a)pyrene	mg/L	ND	0.0002	0.00048	0.0019	100	Matrix affect on internal standard
10FWAMW33-GWS	580-20526-5	580-20526-1	8270SIM	Benzo(a)pyrene	mg/L	ND	0.0002	0.00048	0.0019	100	Matrix affect on internal standard
10FWAMW33-GWS	580-20526-5	580-20526-1	8270SIM	Benzo(a)pyrene	mg/L	ND	0.0002	0.00048	0.0019	100	Matrix affect on internal standard
10FWAMW06A-GWS	580-20559-7	580-20559-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.00012	0.00047	0.00094	100	Matrix affect on internal standard
10FWAMW06A-GWS	580-20559-7	580-20559-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.00012	0.00047	0.00094	100	Matrix affect on internal standard
10FWAMW12-GWBS	580-20526-6	580-20526-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.00012	0.00048	0.00095	100	Matrix affect on internal standard
10FWAMW12-GWBS	580-20526-6	580-20526-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.00012	0.00048	0.00095	100	Matrix affect on internal standard
10FWAMW12-GWS	580-20526-1	580-20526-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.00012	0.00048	0.00096	100	Matrix affect on internal standard
10FWAMW12-GWS	580-20526-1	580-20526-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.00012	0.00048	0.00096	100	Matrix affect on internal standard
10FWAMW33-GWS	580-20526-5	580-20526-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.00012	0.00048	0.00095	100	Matrix affect on internal standard
10FWAMW33-GWS	580-20526-5	580-20526-1	8270SIM	Dibenzo(a,h)anthracene	mg/L	ND	0.00012	0.00048	0.00095	100	Matrix affect on internal standard
10FWAMW03-GWS	580-20526-7	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW06A-GWS	580-20559-7	580-20559-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0047	0.0094	10	Matrix affect on internal standard
10FWAMW08-GWS	580-20559-9	580-20559-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW12-GWBS	580-20526-6	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0048	0.0095	10	Matrix affect on internal standard
10FWAMW12-GWS	580-20526-1	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0048	0.0096	10	Matrix affect on internal standard
10FWAMW13-GWS	580-20463-1	580-20463-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW26-GWS	580-20484-4	580-20484-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0005	0.00099	1	
10FWAMW32-GWS	580-20526-4	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10FWAMW33-GWS	580-20526-5	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00095	0.0019	2	Matrix affect

Attachment B-2, Table B-2-14
2010 Taku Gardens Groundwater Monitoring
Spring Sampling Event-Detection Limits Greater that ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Units	Result	ADEC Action Level	DL	PQL	Dilution Factor	Reason for Dilution
10FWAMW35-GWS	580-20559-3	580-20559-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10FWAMW36-GWS	580-20526-10	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10FWAMW37-GWS	580-20559-4	580-20559-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10FWAMW38-GWS	580-20559-6	580-20559-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10FWAMW39-GWBS	580-20463-4	580-20463-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW39-GWS	580-20463-3	580-20463-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW40-GWS	580-20605-4	580-20605-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW43-GWS	580-20559-5	580-20559-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10FWAMW45-GWS	580-20605-3	580-20605-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW47-GWS	580-20475-1	580-20475-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW48-GWS	580-20475-2	580-20475-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW53-GWS	580-20484-1	580-20484-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00049	0.00098	1	
10FWAMW56-GWS	580-20482-4	580-20482-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00049	0.00097	1	
10FWAMW57-GWS	580-20559-8	580-20559-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10FWAMW58-GWS	580-20526-9	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00047	0.00094	1	
10FWAMW61-GWS	580-20482-3	580-20482-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW62-GWS	580-20484-6	580-20484-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00049	0.00097	1	
10FWAMW64-GWBS	580-20484-3	580-20484-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00049	0.00097	1	
10FWAMW64-GWS	580-20484-2	580-20484-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW69-GWS	580-20482-2	580-20482-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00049	0.00098	1	
10FWAMW70-GWS	580-20484-5	580-20484-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0005	0.00099	1	
10FWAMW76-GWS	580-20526-2	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10FWAMW78-GWS	580-20463-2	580-20463-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW79-GWS	580-20482-1	580-20482-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.0005	0.00099	1	
10FWAMW80-GWS	580-20482-5	580-20482-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00049	0.00097	1	
10FWAMW81-GWS	580-20526-3	580-20526-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00095	1	
10WAMW77-GWS	580-20639-2	580-20639-1	SW8270	n-Nitrosodimethylamine	mg/L	ND	0.000017	0.00048	0.00096	1	
10FWAMW06A-GWS	580-20559-7	580-20559-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.00012	0.00028	0.0019	10	Matrix affect on internal standard
10FWAMW12-GWBS	580-20526-6	580-20526-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.00012	0.00029	0.0019	10	Matrix affect on internal standard
10FWAMW12-GWS	580-20526-1	580-20526-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.00012	0.00029	0.0019	10	Matrix affect on internal standard

mg/L= milligrams per liter
ND = not detected

Attachment B-2, Table B-2-15
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Detection Limits Greater that ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Units	Result	ADEC Action Level	DL	PQL	Dilution Factor	Reason for Dilution
10FWAMW70-GWF	22614-3	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW26-GWF	22614-7	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW38-GWF	22645-3	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW84-GWF	22610-7	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW43-GWF	22645-4	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW45-GWF	22645-7	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW39-GWBF	22489-3	580-22489-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW77-GWF	22610-2	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW87-GWF	22610-10	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW13-GWF	22614-4	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW36-GWF	22610-8	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW61-GWF	22645-5	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW78-GWF	22489-4	580-22489-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW85-GWBF	22610-12	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW53-GWF	22614-8	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW69-GWF	22614-5	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW08-GWF	22489-7	580-22489-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW86-GWF	22610-3	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW85-GWF	22610-9	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW57-GWF	22614-6	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW40-GWF	22489-1	580-22489-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWATB01-GWF	22489-9	580-22489-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWATB02-GWF	22614-10	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW56-GWF	22645-6	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW81-GWF	22614-1	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW89-GWF	22610-11	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWATB03-GWF	22610-14	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW62-GWF	22645-1	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW03-GWF	22614-9	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW35-GWF	22610-1	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW82-GWF	22610-13	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW83-GWF	22610-5	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW76-GWF	22614-2	580-22614-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW39-GWF	22489-2	580-22489-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW88-GWF	22610-4	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW90-GWF	22610-6	580-22610-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW48-GWF	22489-8	580-22489-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW64-GWBF	22645-10	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW12-GWBF	22682-6	580-22682-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW58-GWF	22682-8	580-22682-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWATB05-GWF	22682-2	580-22682-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW64-GWF	22645-9	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW32-GWF	22682-3	580-22682-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW80-GWF	22645-8	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW33-GWF	22682-1	580-22682-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW06A-GWF	22682-4	580-22682-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	

Attachment B-2, Table B-2-15
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Detection Limits Greater that ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Units	Result	ADEC Action Level	DL	PQL	Dilution Factor	Reason for Dilution
10FWAMW12-GWF	22682-5	580-22682-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW37-GWF	22682-7	580-22682-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWATB04-GWF	22645-2	580-22645-1	SW8260B	1,2,3-Trichloropropane	mg/L	ND	0.0004	0.00045	0.001	1	
10FWAMW87-GWF	22610-10	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW88-GWF	22610-4	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW35-GWF	22610-1	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW89-GWF	22610-11	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW90-GWF	22610-6	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWATB03-GWF	22610-14	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW62-GWF	22645-1	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW85-GWF	22610-9	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW03-GWF	22614-9	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW85-GWBF	22610-12	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW84-GWF	22610-7	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW83-GWF	22610-5	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW82-GWF	22610-13	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW77-GWF	22610-2	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW36-GWF	22610-8	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW45-GWF	22645-7	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW43-GWF	22645-4	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW38-GWF	22645-3	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWATB02-GWF	22614-10	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW81-GWF	22614-1	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW76-GWF	22614-2	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW53-GWF	22614-8	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW86-GWF	22610-3	580-22610-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW13-GWF	22614-4	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW70-GWF	22614-3	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW56-GWF	22645-6	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW61-GWF	22645-5	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW57-GWF	22614-6	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW69-GWF	22614-5	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW26-GWF	22614-7	580-22614-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW08-GWF	22489-7	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW78-GWF	22489-4	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW39-GWBF	22489-3	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW40-GWF	22489-1	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW64-GWBF	22645-10	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW47-GWF	22489-6	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW48-GWF	22489-8	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWATB01-GWF	22489-9	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW39-GWF	22489-2	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW79-GWF	22489-5	580-22489-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW12-GWF	22682-5	580-22682-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWATB05-GWF	22682-2	580-22682-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW32-GWF	22682-3	580-22682-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	

Attachment B-2, Table B-2-15
2010 Taku Gardens Groundwater Monitoring
Fall Sampling Event-Detection Limits Greater that ADEC Cleanup Criteria

Sample ID	Laboratory Sample ID	Laboratory SDG	Method	Analyte	Units	Result	ADEC Action Level	DL	PQL	Dilution Factor	Reason for Dilution
10FWATB04-GWF	22645-2	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW80-GWF	22645-8	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW64-GWF	22645-9	580-22645-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW06A-GWF	22682-4	580-22682-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW37-GWF	22682-7	580-22682-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW12-GWBF	22682-6	580-22682-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW58-GWF	22682-8	580-22682-1	SW8260B	1,2-Dibromoethane	mg/L	ND	0.00005	0.0009	0.001	1	
10FWAMW33-GWF	22682-1	580-22682-1	SW8270	bis-(2-Ethylhexyl)phthalate	mg/L	ND	0.006	0.0097	0.015	10	Abundance of non-target analytes
10FWAMW33-GWF	22682-1	580-22682-1	SW8270	n-Nitrosodi-n-propylamine	mg/L	ND	0.0001	0.00039	0.0019	10	Abundance of non-target analytes

mg/L= milligrams per liter
ND = not detected

ATTACHMENT B-3

ADEC Laboratory Data Review Checklists

Spring 2010

Fall 2010

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 3/27/11

CS Report Name: Taku Gardens Groundwater Monitoring Report Date: May 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Inc. Laboratory Report Number: 580-20463

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:

      Explosives by method SW8321 analysis performed at Test America, Denver, Colorado

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 "Goofy" temp blank = 2.3°C cooler temp = 1.7°C Cooler "Pluto" temp blank = 2.8°C cooler temp = 2.8°C Cooler "Aladdin" temp blank = 2.4°C cooler temp = 4.4°C Cooler "Jasmine" temp blank = 1.9°C cooler temp = 2.8°C Cooler "Sebastian" temp blank = 2.4°C cooler temp = 5.8°C Cooler "Flounder" temp blank = 3.2°C cooler temp = 3.5°C Cooler "Ursala" temp blank = 2.3°C cooler temp = 5.5°C Cooler "Belle" temp blank = 3.1°C cooler temp = 5.3°C Cooler "Cindarella" temp blank = 4.0°C cooler temp = 3.1°C Cooler "Snow White" temp blank = 1.0°C cooler temp = 2.0°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:

Samples received intact.

   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:

No discrepancies were found.

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

All coolers temperatures arrived at the laboratory less than 6°C. The coolers that arrived at the laboratory less than 2°C had not frozen; therefore there was no effect on the data quality or usability.

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:

NA

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:

There were no soil samples 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:

The laboratory LODs for nondetect results were evaluated against ADEC cleanup levels. The following compounds and associated samples had LODs greater than ADEC cleanup levels:

SW8260B:
1,2,3-Trichloropropane - 10FWAMW13-GWS, 10FWAMW39-GWBS, 10FWAMW39-GWS, 10FWAMW78-GWS, 10FWATB01-GWBS.
1,2-Dibromoethane - 10FWAMW13-GWS, 10FWAMW39-GWBS, 10FWAMW39-GWS, 10FWAMW78-GWS, 10FWATB01-GWBS.

SW8270:
n-Nitrosodimethylamine - 10FWAMW13-GWS, 10FWAMW39-GWBS, 10FWAMW39-GWS, 10FWAMW78-GWS.

e. Data quality or usability affected?

SW8260B/SW8270: many of the analytes have ADEC criteria lower than current methodology can accurately distinguish.
1,2-Dibromoethane was also analyzed by SW8260 Low Level, therefore results are available where the LOD is equal to ADEC cleanup level.

Comments:

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:

      Method blank results were evaluated at ½ LOQ per project QAPP.

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

      SW8270 (Benzyl butyl phthalate, Diethyl phthalate, Di-n-butyl phthalate): The method blanks had detections greater than ½ LOQ and affected the following samples: 10FWAMW13-GWS, 10FWAMW39-GWBS, 10FWAMW39-GWS, 10FWAMW78-GWS, 10FWATB01-GWBS.

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

      SW8270 (Benzyl butyl phthalate, Diethyl phthalate, Di-n-butyl phthalate): All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

      SW8270 (Benzyl butyl phthalate, Diethyl phthalate, Di-n-butyl phthalate): All results qualified 'B' were below ADEC cleanup criteria, so data quality or usability was minimally 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:

      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:
SW8270: The LCS exceeded the upper control limit for Benzyl butyl phthalate and Di-n-butyl phthalate.

MS/MSD:
SW8270: The MS/MSD (parent sample 10FWAMW39-GWS) failed below the lower control limit for 3,3'-Dichlorobenzidine.

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:

LCS:
SW8270: The LCS exceeded the upper control limit for Benzyl butyl phthalate and Di-n-butyl phthalate. Affected samples include, 10FWAMW13-GWS, 10FWAMW39-GWBS, 10FWAMW39-GWS, 10FWAMW78-GWS.

MS/MSD:
SW8270: The MS/MSD (parent sample 10FWAMW39-GWS) failed below the lower control limit for 3,3'-Dichlorobenzidine.

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

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

LCS:
SW8270: The LCS exceeded the upper control limit for Benzyl butyl phthalate and Di-n-butyl phthalate. Samples 10FWAMW13-GWS, 10FWAMW39-GWBS, 10FWAMW39-GWS, 10FWAMW78-GWS were qualified JL+ for the stated analytes to indicate possible high bias.

MS/MSD:
SW8270: The MS/MSD (parent sample 10FWAMW39-GWS) failed below the lower control limit for 3,3'-Dichlorobenzidine. Sample 10FWAMW39-GWS was qualified JM- to indicate possible low bias.

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

LCS:
SW8270: The LCS exceeded the upper control limit for Benzyl butyl phthalate and Di-n-butyl phthalate. Results for 10FWAMW13-GWS, 10FWAMW39-GWBS, 10FWAMW39-GWS, 10FWAMW78-GWS were below ADEC cleanup criteria, so data quality or usability was minimally affected.

MS/MSD:
SW8270: The MS/MSD (parent sample 10FWAMW39-GWS) failed below the lower control limit for 3,3'-Dichlorobenzidine. Because the LCS recovery for 3,3'-Dichlorobenzidine was in control, matrix interference is suspected. The sample result was non-detect and may be falsely negative.

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:

All surrogate recoveries were in within required QC limits.

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

NA

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:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

SW8260: Methylene chloride was detected in trip blank samples 10FWATB01-GWBS and 10WATB08-GWS. No samples associated with the trip blanks were detected for methylene chloride.

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

Comments:

No samples associated with the trip blanks above were detected for methylene chloride; therefore no samples were affected.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One duplicate pair, 10FWAMW39-GWS/10FWAMW39-GWBS was submitted with this SDG.

ii. Submitted blind to lab?

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

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:

RPD's were calculated only if the results for the sample and sample duplicate were greater than or equal to the LOQ.

All RPDs for duplicate pair 10FWAMW39-GWS/10FWAMW39-GWBS were in control.

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

Comments:

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 3/30/11

CS Report Name: Taku Gardens Groundwater Monitoring Report Date: May 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Inc. Laboratory Report Number: 580-20475

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:

      Explosives by method SW8321 analysis performed at Test America, Denver, Colorado

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 "Bambi" temp blank = 3.4°C cooler temp = 1.7°C
      Cooler "Mickey" temp blank = 2.8°C cooler temp = 4.7°C
      Cooler "Minnie" temp blank = 3.8°C cooler temp = 4.9°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:

Samples received intact.

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:

All coolers temperatures arrived at the laboratory less than 6°C. The coolers that arrived at the laboratory less than 2°C had not frozen; therefore there was no effect on the data quality or usability.

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:

NA

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:

There were no soil samples 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:

The laboratory LODs for nondetect results were evaluated against ADEC cleanup levels. The following compounds and associated samples had LODs greater than ADEC cleanup levels:

SW8270:
n-Nitrosodimethylamine - 10FWAMW47-GWS, 10FWAMW48-GWS.

e. Data quality or usability affected?

SW8270: ADEC criterion for n-Nitrosodimethylamine is lower than current methodology can accurately distinguish. The effects on data quality and usability are minimally.

Comments:

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:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

SW8270 (Benzyl butyl phthalate): The method blanks had detections greater than ½ LOQ and affected sample 10FWAMW47-GWS.

SW8270 (Diethyl phthalate, Di-n-butyl phthalate): The method blanks had detections greater than ½ LOQ and affected the following samples: 10FWAMW47-GWS, 10FWAMW48-GWS.

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

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

SW8270 (Benzyl butyl phthalate, Diethyl phthalate, Di-n-butyl phthalate): All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

Comments:

SW8270 (Benzyl butyl phthalate, Diethyl phthalate, Di-n-butyl phthalate): All results qualified 'B' were below ADEC cleanup criteria, so data quality or usability was minimally 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:

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:
SW8270: The LCS exceeded the upper control limit for Benzyl butyl phthalate and Di-n-butyl phthalate.

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:

LCS:
SW8270: The LCS exceeded the upper control limit for Benzyl butyl phthalate and affects sample 10FWAMW47-GWS.

The LCS exceeded the upper control limit for Di-n-butyl phthalate. Affected samples include 10FWAMW47-GWS, 10FWAMW48-GWS.

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

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

LCS:
SW8270: The LCS exceeded the upper control limit for Benzyl butyl phthalate. Sample 10FWAMW47-GWS was qualified JL+ for the stated analyte to indicate possible high bias.

SW8270: The LCS exceeded the upper control limit for Di-n-butyl phthalate. Samples 10FWAMW47-GWS, 10FWAMW48-GWS were qualified JL+ for the stated analyte to indicate possible high bias.

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

Comments:

LCS:
SW8270: The LCS exceeded the upper control limit for Benzyl butyl phthalate and Di-n-butyl phthalate. Results for 10FWAMW47-GWS, 10FWAMW48-GWS were below ADEC cleanup criteria, so data quality or usability was minimally 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:

All surrogate recoveries were in within required QC limits.

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

Comments:

NA

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:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

Field duplicates were not submitted with this SDG.

ii. Submitted blind to lab?

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

Field duplicates 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 duplicates were not submitted with this SDG.

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

Comments:

NA

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

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

a. Defined and appropriate?

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

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 3/30/11

CS Report Name: Taku Gardens Groundwater Monitoring Report Date: May 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Inc., Tacoma, WA Laboratory Report Number: 580-20482

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:

      Explosives by method SW8321 analysis performed at Test America, Denver, Colorado.

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 "Daffy" temp blank = 2.1°C cooler temp = 4.0°C Cooler "Ariel" temp blank = 2.7°C cooler temp = 4.7°C Cooler "King Titan" temp blank = 3.3°C cooler temp = 5.4°C Cooler "Sleepy" temp blank = 3.4°C cooler temp = 4.5°C Cooler "Grumpy" temp blank = 3.2°C cooler temp = 1.4°C Cooler "Dopey" temp blank = 4.8°C cooler temp = 4.7°C Cooler "Doc" temp blank = 4.5°C cooler temp = 4.9°C Cooler "Bashful" temp blank = 5.0°C cooler temp = 5.2°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:

Samples received intact.

   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:

No discrepancies were found.

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

All coolers temperatures arrived at the laboratory less than 6°C. The coolers that arrived at the laboratory less than 2°C had not frozen; therefore there was no effect on the data quality or usability. One of nine trip blank vials, 10FWATB02-GWS had an air bubble greater than ¼". Extra vials were submitted that were in satisfactory condition; therefore there was no effect on the data quality or usability.

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:

NA

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:

There were no soil samples sumitted.

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:

The laboratory LODs for nondetect results were evaluated against ADEC cleanup levels. The following compounds and associated samples had LODs greater than ADEC cleanup levels: **SW8260B:** **1,2,3-Trichloropropane -** 10FWAMW48-GWS, 10FWAMW56-GWS, 10FWAMW61-GWS, 10FWAMW69-GWS, 10FWAMW80-GWS, 10FWATB02-GWS. **1,2-Dibromoethane -** 10FWAMW47-GWS, 10FWAMW48-GWS, 10FWAMW56-GWS, 10FWAMW61-GWS, 10FWAMW69-GWS, 10FWAMW79-GWS, 10FWAMW80-GWS, 10FWATB02-GWS. **SW8270:** **n-Nitrosodimethylamine -** 10FWAMW56-GWS, 10FWAMW61-GWS, 10FWAMW69-GWS, 10FWAMW79-GWS , 10FWAMW80-GWS

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for 1,2,3-Trichloropropane and n-Nitrosodimethylamine are lower than current methodology can accurately distinguish. The effects on data quality and usability are minimal.

1,2-Dibromoethane was also analyzed by SW8260 Low Level, therefore results are available where the LOD is equal to ADEC cleanup level.

Comments:

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:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

SW8270: The method blank had a detection for di-n-butyl phthalate greater than ½ LOQ and affected the following samples: 10FWAMW56-GWS, 10FWAMW61-GWS, 10FWAMW69-GWS, 10FWAMW79-GWS, 10FWAMW80-GWS.

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

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

SW8270: All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

Comments:

SW8270: All sample results for di-n-butyl phthalate were below ADEC cleanup criteria, so data quality or usability was minimally 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:

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:

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:

NA

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

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

All reported %Rs and RPDs for this SDG are in control.

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

Comments:

NA

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:

All surrogate recoveries were within required QC limits.

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

Comments:

NA

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:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

Field duplicates were not submitted with this SDG.

ii. Submitted blind to lab?

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

Field duplicates 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 duplicates were not submitted with this SDG.

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

Comments:

NA

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

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

a. Defined and appropriate?

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

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 3/30/11

CS Report Name: Taku Gardens Groundwater Monitoring Report Date: May 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Inc., Tacoma, WA Laboratory Report Number: 580-20484

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:

      Explosives by method SW8321 analysis performed at Test America, Denver, Colorado.

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

      Section, 'received by' on the CoC was not complete for coolers, Wendy, Thumper, Maid Marion, and Friar Tuck, however all cooler receipt forms were complete.

   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 "Sneezy" temp blank = 0.6°C cooler temp = 0.9°C
Cooler "Happy" temp blank = 1.4°C cooler temp = 3.7°C
Cooler "Lady" temp blank = 0.9°C cooler temp = 2.6°C
Cooler "Tramp" temp blank = 0.3°C cooler temp = 3.5°C
Cooler "Tinker Bell" temp blank = 1.0°C cooler temp = 0.3°C
Cooler "Peter Pan" temp blank = 0.7°C cooler temp = 0.6°C
Cooler "Wendy" temp blank = 0.3°C cooler temp = 3.5°C
Cooler "Thumper" temp blank = 1.7°C cooler temp = 1.4°C
Cooler "Flower" temp blank = 0.6°C cooler temp = 3.7°C
Cooler "Robin Hood" temp blank = 0.8°C cooler temp = 3.3°C
Cooler "Maid Marion" temp blank = 0.4°C cooler temp = 4.2°C
Cooler "Friar Tuck" temp blank = 0.6°C cooler temp = 3.2°C
Cooler "King Richard" temp blank = 0.5°C cooler temp = 2.6°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:

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

Comments:

All coolers temperatures arrived at the laboratory less than 6°C. The coolers that arrived at the laboratory less than 2°C had not frozen; therefore there was no effect on the data quality or usability.

One of nine trip blank vials, 10FWATB04-GWS had an air bubble greater than ¼". Extra vials were submitted that were in satisfactory condition; therefore there was no effect on the data quality or usability.

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 discrepancies, errors, and/or QC failures identified by the lab include:

SW8260: The CCV exceeded the upper control limit for bis-(2-Ethylhexyl)phthalate.

SW8081: The CCV exceeded the upper control limit for 4,4'-DDT.

   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:

Laboratory Case Narrative: All associated sample results were non-detect or ½ LOQ.

SW8260: The CCV exceeded the upper control limit for bis-(2-Ethylhexyl)phthalate. All associated sample results were non-detect except sample 10FWAMW64-GWBS. The sample result was qualified JC+ to indicate possible high bias. The result was below the ADEC cleanup level, therefore the impact on data was minimal.

SW8081: The CCV exceeded the upper control limit for 4,4'-DDT. All associated sample results were non-detect except sample 10FWAMW62-GWS. The sample result was qualified JC+ to indicate possible high bias. The result was below the ADEC cleanup level, therefore the impact on data was minimal.

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:

SW8260L (Low Level): Samples 10FWATB03-GWS and 10FWATB04-GWS were analyzed 5 and 35 minutes respectively past the method specific 14-day hold time. Samples were qualified "JH" to indicate they were analyzed past the hold time, but within 2 times the hold time.

c. All soils reported on a dry weight basis?

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

There were no soil samples submitted.

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:

The laboratory LODs for nondetect results were evaluated against ADEC cleanup levels. The following compounds and associated samples had LODs greater than ADEC cleanup levels: **SW8260B:** **1,2,3-Trichloropropane -** 10FWAMW53-GWS, 10FWAMW62-GWS, 10FWAMW64-GWS, 10FWAMW64-GWBS, 10FWAMW70-GWS, 10FWATB03-GWS, 10FWATB04-GWS. **1,2-Dibromoethane -** 10FWAMW53-GWS, 10FWAMW62-GWS, 10FWAMW64-GWS, 10FWAMW64-GWBS, 10FWAMW70-GWS, 10FWATB03-GWS, 10FWATB04-GWS. **SW8270:** **n-Nitrosodimethylamine -** 10FWAMW53-GWS, 10FWAMW62-GWS, 10FWAMW64-GWS, 10FWAMW64-GWBS, 10FWAMW70-GWS.

e. Data quality or usability affected?

SW8260/SW8270: ADEC criteria for 1,2,3-Trichloropropane and n-Nitrosodimethylamine are lower than current methodology can accurately distinguish. The effects on data quality and usability are minimal. 1,2-Dibromoethane was also analyzed by SW8260 Low Level, therefore results are available where the LOD is equal to ADEC cleanup level.

Comments:

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:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

SW8270: The method blank had a detection for di-n-butyl phthalate greater than ½ LOQ and affected the following samples: 10FWAMW53-GWS, 10FWAMW62-GWS, 10FWAMW64-GWS, 10FWAMW64-GWBS, 10FWAMW70-GWS.

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

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

SW8270: All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

Comments:

SW8270: All sample results for di-n-butyl phthalate were below ADEC cleanup criteria, so data quality or usability was minimally 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:

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:

MS/MSD %R:
AK102: The MSD was recovered below the lower control limit for Diesel Range Organics.

SW8270: The MS/MSD was recovered below the lower control limit for 3,3'-Dichlorobenzidine.

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:

The following MS/MSD RPDs were greater than 30%:

MS/MSD RPDs:
SW8260: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 35% for 2-Butanone.

SW8270: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 32% for 3-Nitroaniline.

SW8270: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 48% for 4-Chloroaniline.

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

Comments:

MS/MSD %R:
AK102: The MSD for sample 10FWAMW64-GWS was recovered below the lower control limit for Diesel Range Organics.

SW8270: The MS/MSD for sample 10FWAMW64-GWS was recovered below the lower control limit for 3,3'-Dichlorobenzidine.

MS/MSD RPDs:
SW8260: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 35% for 2-Butanone.

SW8270: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 32% for 3-Nitroaniline.

SW8270: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 48% for 4-Chloroaniline.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☑ No ☐NA (Please explain.) Comments:

MS/MSD %R:
AK102: The MSD for sample 10FWAMW64-GWS was recovered below the lower control limit for Diesel Range Organics. The sample was qualified "JM-" to indicate possible low bias.

SW8270: The MS/MSD for sample 10FWAMW64-GWS was recovered below the lower control limit for 3,3'-Dichlorobenzidine. The sample was qualified "JM-" to indicate possible low bias.

MS/MSD RPDs:
The following MS/MSDs with poor duplicate precision were not flagged.

SW8260: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 35% for 2-Butanone.

SW8270: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 32% for 3-Nitroaniline.

SW8270: The MS/MSD (parent sample 10FWAMW64-GWS) had an RPD of 48% for 4-Chloroaniline.

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

MS/MSD %R:
AK102: The MSD for sample 10FWAMW64-GWS was recovered below the lower control limit for Diesel Range Organics. The sample was qualified "JM-" to indicate possible low bias. The associated LCS was in control and matrix interference is suspected.

SW8270: The MS/MSD for sample 10FWAMW64-GWS was recovered below the lower control limit for 3,3'-Dichlorobenzidine. The sample was qualified "JM-" to indicate possible low bias. The associated LCS was in control and matrix interference is suspected.

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:

All surrogate recoveries were within required QC limits.

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

Comments:

NA

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:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One duplicate pair was submitted with this SDG: 10FWAMW64-GWS/10FWAMW64-GWBS

ii. Submitted blind to lab?

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

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:

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

Comments:

NA

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

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

a. Defined and appropriate?

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

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 3/31/11

CS Report Name: Taku Gardens Groundwater Monitoring Report Date: May 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Inc., Tacoma, WA Laboratory Report Number: 580-20526

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:

      Explosives by method SW8321 analysis performed at Test America, Denver, Colorado.

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 "Nemo" temp blank = 2.4°C cooler temp = 0.7°C Cooler "Crush" temp blank = 3.8°C cooler temp = 3.6°C Cooler "Dori" temp blank = 4.6°C cooler temp = 2.6°C Cooler "Squirt" temp blank = 6.0°C cooler temp = 6.0°C Cooler "Marlin" temp blank = 1.2°C cooler temp = 1.2°C Cooler "Nigel" temp blank = 1.7°C cooler temp = 2.8°C Cooler "Bruce" temp blank = 4.0°C cooler temp = 3.3°C Cooler "Mulan" temp blank = 3.9°C cooler temp = 4.4°C Cooler "Buzz Lightyear" temp blank = 2.8°C cooler temp = 1.7°C Cooler "Woody" temp blank = 5.7°C cooler temp = 4.5°C Cooler "Jessie" temp blank = 5.2°C cooler temp = 4.7°C Cooler "Baloo" temp blank = 1.7°C cooler temp = 2.6°C Cooler "King Loui" temp blank = 6.0°C cooler temp = 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:

Times on CoC were incorrect for three samples. Samples were logged in per container labels which were the correct sample times.

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

All coolers temperatures arrived at the laboratory less than 6°C. The coolers that arrived at the laboratory less than 2°C had not frozen; therefore there was no effect on the data quality or usability.

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 discrepancies, errors, and/or QC failures identified by the lab include:

SW8270: The CCV (batch 580-69565) exceeded the upper control limit for Benzoic acid and 2-Nitroaniline. Associated sample results were non-detect.

SW8270: The CCV (batch 580-69722) exceeded the upper control limit for bis(2-chloroethyl)ether. Associated sample results were non-detect.

SW8081: The CCV 68345/44 (batch 580-68345) exceeded the upper control limit for alpha-BHC and gamma-BHC (Lindane). Associated sample results were non-detect.

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:

QC failures identified above are only discussed if data quality/usability was 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:

Soil samples were not submitted with this SDG.

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:

The laboratory LODs for non-detect results were evaluated against ADEC cleanup levels. The following compounds and associated samples had LODs greater than ADEC cleanup levels:

SW8270 SIM:
Benzo(a)pyrene - 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW33-GWS.
Dibenzo(a,h)anthracene - 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW33-GWS.

SW8270:
n-Nitrosodimethylamine - 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW32-GWS , 10FWAMW33-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS.
n-Nitrosodi-n-propylamine - 10FWAMW12-GWS, 10FWAMW12-GWBS

e. Data quality or usability affected?

SW8270 SIM:
Benzo(a)pyrene & Dibenzo(a,h)anthracene - Samples 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW33-GWS required dilution due to matrix interference on the internal standard resulting in elevated LODs. The effects on data quality and usability are minimal.

SW8270:
n-Nitrosodimethylamine – Samples 10FWAMW12-GWS, 10FWAMW12-GWBS required dilution due to matrix interference on the internal standard resulting in elevated LODs. Sample 10FWAMW33-GWS required dilution due to sample matrix. Samples 10FWAMW32-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS are lower than current methodology can accurately distinguish. The effects on data quality and usability are minimal.

n-Nitrosodi-n-propylamine – Samples 10FWAMW12-GWS, 10FWAMW12-GWBS required dilution due to matrix interference on the internal standard resulting in elevated LODs. The effects on data quality and usability are minimal.

Comments:

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:

      Method blank results were evaluated at ½ LOQ (PQL) per project QAPP.

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

      SW8270: The method blank had a detection for diethyl phthalate greater than ½ LOQ and affected the following samples: 10FWAMW03-GWS, 10FWAMW32-GWS, 10FWAMW36-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS.

      SW8270: The method blank had a detection for di-n-butyl phthalate greater than ½ LOQ and affected the following samples: 10FWAMW03-GWS, 10FWAMW32-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS ,10FWAMW76-GWS, 10FWAMW81-GWS.

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

      SW8270: All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

      SW8270: All sample results for diethyl phthalate and di-n-butyl phthalate were below ADEC cleanup criteria, so data quality or usability was minimally 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:

      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 %R:
SW8151: The LCS exceeded the upper control limit for 2,4,5-T, 2,4-D, Dicamba, Dichlorprop and Dinoseb.

SW8270 SIM: The LCS was recovered below the lower control limit for Pentachlorophenol.

SW8270: The LCS was recovered below the lower control limit for Pentachlorophenol.

MS/MSD %R:
SW8270: The MS and/or MSD were recovered below the lower control limit for 3,3'-Dichlorobenzidine, n-Nitrosodiphenylamine and 4-Chloroaniline.

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:

The following MS/MSD RPDs were greater than 30%:

MS/MSD RPDs:

SW8270: The MS/MSD (parent sample 10FWAMW03-GWS) had an RPD of 35% for 3-Nitroaniline.

SW8270: The MS/MSD (parent sample 10FWAMW03-GWS) had an RPD of 47% for 4-Chloroaniline.

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

Comments:

LCS %R:

SW8151: The LCS exceeded the upper control limit for 2,4,5-T, 2,4-D, Dicamba, Dichlorprop and Dinoseb. All associated sample results were non-detect; therefore none of the samples were affected.

SW8270 SIM: The LCS was recovered below the lower control limit for Pentachlorophenol. Affected samples include: 10FWAMW03-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW32-GWS, 10FWAMW33-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS.

SW8270: The LCS was recovered below the lower control limit for Pentachlorophenol. Affected samples include: 10FWAMW03-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW32-GWS, 10FWAMW33-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS.

MS/MSD %R:

SW8270: The MS and/or MSD (parent sample 10FWAMW03-GWS) were recovered below the lower control limit for 3,3'-Dichlorobenzidine, n-Nitrosodiphenylamine and 4-Chloroaniline.

MS/MSD RPDs:

SW8270: The MS/MSD (parent sample 10FWAMW03-GWS) had an RPD of 35% for 3-Nitroaniline.

SW8270: The MS/MSD (parent sample 10FWAMW03-GWS) had an RPD of 47% for 4-Chloroaniline.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures identified above are only discussed if data quality/usability was affected.

LCS %R:
SW8270 SIM: The LCS was recovered below the lower control limit for Pentachlorophenol. Affected samples include: 10FWAMW03-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW32-GWS, 10FWAMW33-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS. All samples were qualified "JL-" to indicate possible low bias.

SW8270: The LCS was recovered below the lower control limit for Pentachlorophenol. Affected samples include: 10FWAMW03-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW32-GWS, 10FWAMW33-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS. All samples were qualified "JL-" to indicate possible low bias.

MS/MSD %R:
SW8270: The MS and/or MSD (parent sample 10FWAMW03-GWS) were recovered below the lower control limit for 3,3'-Dichlorobenzidine, n-Nitrosodiphenylamine and 4-Chloroaniline. The sample was qualified "JM-" to indicate possible low bias.

MS/MSD RPDs:
SW8270: The MS/MSD (parent sample 10FWAMW03-GWS) had an RPD of 35% for 3-Nitroaniline. Qualifiers were not given to sample for MS/MSD RPD poor precision.

SW8270: The MS/MSD (parent sample 10FWAMW03-GWS) had an RPD of 47% for 4-Chloroaniline. Qualifiers were not given to sample for poor precision MS/MSD RPD.

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

Comments:

LCS %R:

SW8270 SIM: The LCS was recovered below the lower control limit for Pentachlorophenol. Affected samples include: 10FWAMW03-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW32-GWS, 10FWAMW33-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS. All samples were qualified "JL-" to indicate possible low bias. Sample 10FWAMW32-GWS exceeded ADEC cleanup criteria and all other samples were non-detect or had low detections.

SW8270: The LCS was recovered below the lower control limit for Pentachlorophenol. Affected samples include: 10FWAMW03-GWS, 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW32-GWS, 10FWAMW33-GWS, 10FWAMW36-GWS, 10FWAMW58-GWS, 10FWAMW76-GWS, 10FWAMW81-GWS. All samples were qualified "JL-" to indicate possible low bias. Sample 10FWAMW32-GWS exceeded ADEC cleanup criteria and all other samples were non-detect.

MS/MSD %R:

AK102: The MSD for sample 10FWAMW64-GWS was recovered below the lower control limit for Diesel Range Organics. The sample was qualified "JM-" to indicate possible low bias. The associated LCS was in control and matrix interference is suspected.

SW8270: The MS/MSD for sample 10FWAMW64-GWS was recovered below the lower control limit for 3,3'-Dichlorobenzidine. The sample was qualified "JM-" to indicate possible low bias. The associated LCS was in control and matrix interference is suspected.

MS/MSD RPDs:

SW8270: The MS/MSD (parent sample 10FWAMW03-GWS) had an RPD of 35% for 3-Nitroaniline.

SW8270: The MS/MSD (parent sample 10FWAMW03-GWS) had an RPD of 47% for 4-Chloroaniline.

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:

SW8082: Decachlorobiphenyl failed the surrogate recovery criteria low in sample 10FWAMW76-GWS

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:

SW8082: Decachlorobiphenyl failed the surrogate recovery criteria low in sample 10FWAMW76-GWS. Sample was qualified "JS-" to indicate possible low bias.

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

Comments:

SW8082: Decachlorobiphenyl failed the surrogate recovery criteria low in sample 10FWAMW76-GWS. Sample was qualified "JS-" to indicate possible low bias. The laboratory re-extracted and re-analyzed the sample past hold time to confirm sample results were non-detect.

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:

Trip blank results were evaluated at ½ LOQ per project QAPP.

iv. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

e. Field Duplicate

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

One duplicate pair was submitted with this SDG: 10FWAMW12-GWS/10FWAMW12-GWBS

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

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:

AK103: Duplicate pair 10FWAMW12-GWS/10FWAMW12-GWBS had an RPD of 31% for Residual Range Organics.

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

Comments:

AK103: Duplicate pair 10FWAMW12-GWS/10FWAMW12-GWBS had an RPD of 31% for Residual Range Organics. Sample result was qualified "JD" to indicate poor duplicate precision.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ☐NA (Please explain.) Comments:

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Kari Hagen

Title: Chemist Date: 4/18/11

CS Report Name: Taku Gardens Groundwater Monitoring Report Date: May 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: Test America Inc., Tacoma, WA Laboratory Report Number: 580-20559

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:

      Explosives by method SW8321 analysis performed at Test America, Denver, Colorado.

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 "Bagheera" temp blank = 2.8°C cooler temp = 3.0°C Cooler "Shere Khan" temp blank = 2.3°C cooler temp = 2.8°C Cooler "Junior" temp blank = 2.1°C cooler temp = 4.2°C Cooler "Winifred" temp blank = 1.7°C cooler temp = 1.5°C Cooler "Carl" temp blank = 1.4°C cooler temp = 1.7°C Cooler "Doug" temp blank = 1.3°C cooler temp = 2.9°C Cooler "Russell" temp blank = 4.8°C cooler temp = 4.4°C Cooler "Charles F Muntz" temp blank = 4.9°C cooler temp = 4.2°C Cooler "Ellie" temp blank = 2.1°C cooler temp = 1.9°C Cooler "Alpha" temp blank = 1.6°C cooler temp = 2.5°C Cooler "Tarzan" temp blank = 1.6°C cooler temp = 2.9°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:

Times on CoC or container labels were incorrect for five samples. One container for AK102/103 was received by the laboratory without a label, however the bottle had '57' written on the lid. Correct information was emailed to the laboratory.

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

All coolers temperatures arrived at the laboratory less than 6°C. The coolers that arrived at the laboratory less than 2°C had not frozen; therefore there was no effect on the data quality or usability.

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 discrepancies, errors, and/or QC failures identified by the lab include:

SW8270: The CCV (batch 580-69565) exceeded the upper control limit for Benzoic acid and 2-Nitroaniline.

SW8270: The CCV (batch 580-69722) exceeded the upper control limit for bis(2-chloroethyl)ether.

SW8081: The CCV (batch 580-69630) exceeded the upper control limit for 4,4'-DDD, endrin, and methoxychlor, and dieldrin.

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:

SW8270: The CCV (batch 580-69565) exceeded the upper control limit for Benzoic acid and 2-Nitroaniline. Associated sample results were non-detect for 2-Nitroaniline, therefore data quality/usability was not affected. Benzoic acid results were below ADEC clean-up level, therefore data usability was not affected. Samples were qualified "JC+" to indicate possible high bias.

SW8270: The CCV (batch 580-69722) exceeded the upper control limit for bis(2-chloroethyl)ether. Associated sample results were non-detect, therefore data quality/usability was not affected.

SW8081: The CCV (batch 580-69630) exceeded the upper control limit for 4,4'-DDD, endrin, and methoxychlor, and dieldrin. Associated sample results were non-detect, therefore data quality/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:

Soil samples were not submitted with this SDG.

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:

The laboratory LODs for non-detect results were evaluated against ADEC cleanup levels. The following compounds and associated samples had LODs greater than ADEC cleanup levels:

SW8270 SIM:
Benzo(a)pyrene - 10FWAMW06A-GWS.
Dibenzo(a,h)anthracene - 10FWAMW06A-GWS.

SW8270:
n-Nitrosodimethylamine - 10FWAMW06A-GWS, 10FWAMW08-GWS, 10FWAMW35-GWS, 10FWAMW37-GWS, 10FWAMW38-GWS, 10FWAMW43-GWS, 10FWAMW57-GWS.
n-Nitrosodi-n-propylamine - 10FWAMW06A-GWS**.**

e. Data quality or usability affected?

SW8270 SIM:
Benzo(a)pyrene & Dibenzo(a,h)anthracene - Samples 10FWAMW06A-GWS required dilution due to matrix interference on the internal standard resulting in elevated LODs. The effects on data quality and usability are minimal.

SW8270:
n-Nitrosodimethylamine – Samples 10FWAMW06A-GWS required dilution due to matrix interference on the internal standard resulting in elevated LODs. Samples 10FWAMW08-GWS, 10FWAMW35-GWS, 10FWAMW37-GWS, 10FWAMW38-GWS, 10FWAMW43-GWS, 10FWAMW57-GWS are lower than current methodology can accurately distinguish. The effects on data quality and usability are minimal.

n-Nitrosodi-n-propylamine – Samples 10FWAMW06A-GWS required dilution due to matrix interference on the internal standard resulting in elevated LODs. The effects on data quality and usability are minimal.

Comments:

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:

      Method blank results were evaluated at ½ LOQ (PQL) per project QAPP.

      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:

      None of the samples associated with this SDG were affected.

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

   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 %R:
SW8270: The LCS was recovered below the lower control limit for Pentachlorophenol.

MS/MSD %R:
SW8270: The MS and MSD were recovered below the lower control limit for 3,3'-Dichlorobenzidine.

SW8270 SIM: The MS and MSD were recovered above the upper control limit for Pentachlorophenol.

SW6020: The MS was recovered below the lower control limit for Antimony.

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:

LCS %R:
SW8270: The LCS was recovered below the lower control limit for Pentachlorophenol. Affected samples include: 10FWAMW06A-GWS, 10FWAMW08-GWS, 10FWAMW35-GWS, 10FWAMW37-GWS, 10FWAMW38-GWS, 10FWAMW43-GWS, 10FWAMW57-GWS.

MS/MSD %R:
SW8270: The MS and MSD were recovered below the lower control limit for 3,3'-Dichlorobenzidine. Affected sample includes: 10FWAMW43-GWS

SW8270 SIM: The MS and MSD were recovered above the upper control limit for Pentachlorophenol. Affected sample includes: 10FWAMW43-GWS

SW6020: The MS was recovered below the lower control limit for Antimony. Affected sample includes: 10FWAMW35-GWS

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑Yes ☐ No ☐NA (Please explain.) Comments:

QC failures identified above are only discussed if data quality/usability was affected.

LCS %R:
SW8270: The LCS was recovered below the lower control limit for Pentachlorophenol. The following affected samples were qualified "JL-" to indicate possible low bias: 10FWAMW06A-GWS, 10FWAMW08-GWS, 10FWAMW35-GWS, 10FWAMW37-GWS, 10FWAMW38-GWS, 10FWAMW43-GWS, 10FWAMW57-GWS.

MS/MSD %R:
SW8270: The MS and MSD were recovered below the lower control limit for 3,3'-Dichlorobenzidine. The following affected sample was qualified "JM-" to indicate possible low bias: 10FWAMW43-GWS

SW8270 SIM: The MS and MSD were recovered above the upper control limit for Pentachlorophenol. The following affected sample was qualified "JM+" to indicate possible high bias: 10FWAMW43-GWS

SW6020: The MS was recovered below the lower control limit for Antimony. The following affected sample was qualified "JM-" to indicate possible low bias: 10FWAMW35-GWS

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

LCS %R:
SW8270: The LCS was recovered below the lower control limit for Pentachlorophenol. The following affected samples were qualified "JL-" to indicate possible low bias: 10FWAMW06A-GWS, 10FWAMW08-GWS, 10FWAMW35-GWS, 10FWAMW37-GWS, 10FWAMW38-GWS, 10FWAMW43-GWS, 10FWAMW57-GWS. Pentachlorophenol was also reported under the SW8270 SIM method with a satisfactory LCS recovery.

MS/MSD %R:
SW8270: The MS and MSD were recovered below the lower control limit for 3,3'-Dichlorobenzidine. The following affected sample was qualified "JM-" to indicate possible low bias: 10FWAMW43-GWS. Sample result should be considered biased low.

SW8270 SIM: The MS and MSD were recovered above the upper control limit for Pentachlorophenol. The following affected sample was qualified "JM+" to indicate possible high bias: 10FWAMW43-GWS. The sample result is below ADEC criteria, therefore data quality or usability is minimally affected.

SW6020: The MS was recovered below the lower control limit for Antimony. The following affected sample was qualified "JM-" to indicate possible low bias: 10FWAMW35-GWS. Sample result should be considered 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:

SW8081: Surrogate, tetrachloro-m-xylene exceeded the control limit in sample 10FWAMW06A-GWS indicating matrix interference. All results were non-detect except 4,4'-DDE.

SW8081: Surrogate, tetrachloro-m-xylene failed below the control limit in sample 10FWAMW37-GWS.

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:

SW8081: Surrogate, tetrachloro-m-xylene exceeded the control limit in sample 10FWAMW06A-GWS indicating matrix interference. All results were non-detect except 4,4'-DDE. The result for 4,4'-DDE was qualified "JS+" to indicate possible high bias.

SW8081: Surrogate, tetrachloro-m-xylene failed below the control limit in sample 10FWAMW37-GWS. Results were qualified "JS-" to indicate possible low bias.

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

SW8081: Surrogate, tetrachloro-m-xylene exceeded the control limit in sample 10FWAMW06A-GWS indicating matrix interference. All results were non-detect except 4,4'-DDE. The result for 4,4'-DDE was qualified "JS+" to indicate possible high bias. The sample result is below ADEC criteria, therefore data quality or usability is minimally affected.

SW8081: Surrogate, tetrachloro-m-xylene failed below the control limit in sample 10FWAMW37-GWS. Results were qualified "JS-" to indicate possible low bias. Sample results should be considered 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:

Trip blank results were evaluated at ½ LOQ per project QAPP.

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

NA

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

NA

e. Field Duplicate

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

A field duplicate was not submitted with this SDG.

ii. Submitted blind to lab?

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

A field duplicate 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 was not submitted with this SDG.

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

Comments:

NA

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment Blank was not submitted.

ii. If above PQL, what samples are affected?

Comments:

NA

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

Comments:

NA

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

a. Defined and appropriate?

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

Data qualifiers are defined in the project data quality assessment.

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: April 29, 2011

CS Report Name: Taku Gardens Spring 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica Inc., Tacoma, WA Laboratory Report Number: 580-20601-1

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 analyses performed by TestAmerica Inc, Tacoma, WA.

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:

      One cooler was shipped and was received intact with a temperature of 4.2° 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:

Samples received intact.

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:

One sample date was incorrect on the label. Times on CoC or container labels were absent. Sample date and times were logged in per CoC, which were correct.

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

Comments:

No. Samples usable as reported.

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:

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:

There is no impact to the data based on the minor QC outliers.

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:

Soil samples not submitted with this SDG.

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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria:

VOC – SW8260B. The ADEC action levels for 1,2-dibromoethane (EDB) (0.00005 mg/L) and 1,2,3-trichloropropane (0.00012 mg/L) are less than the lowest attainable MDL for the samples reported in this SDG. Note, however, that the MDL for EDB for samples analyzed by the Low Level SW8260B method is less than the ADEC action level.

e. Data quality or usability affected?

Comments:

No – Data usable as reported with qualifiers as noted above.

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 their respective PQLs.

VOC – 580-68700: MB methylene chloride 0.000146 J mg/L, tetrachloroethene 0.000320 J mg/L

GRO – 580-68491: MB – 0.0182 J mg/L

iii. If above PQL, what samples are affected?

Comments:

Not applicable (results not above 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:

VOC: Methylene chloride and tetracholorethene results in batch 580-68700 less than 5 times the blank concentration were qualified during data validation with a "B" (the results were not qualified by the laboratory), indicating that the result may be a false positive and not reflective of *in-situ* sample conditions.

GRO: GRO results in batch 580-68491 less than 5 times their respective blank concentration were qualified during data validation with a "B" (the results were not qualified by the laboratory), indicating that the result may be a false positive and not reflective of *in-situ* sample conditions.

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

No – data usable as reported. Results qualified with a "B" may be false positives.

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:

Metals and inorganics analyses not requested on samples submitted with this SDG

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable

LCS:
LLVOC – Batch 580-68735 – LCS (136%) for 1,1-dichloroethene (70 – 130%) higher than UCL.

LLVOC – Batch 580-68800 – LCS (135%) for 1,1-dichloroethene (70 – 130%) higher than 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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

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

Comments:

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, results are noted but qualifications are not applied. For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

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

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

LL VOC LCS: Data validation qualified the etected results for 1,1-dichloroethene in batch 580-68735 as estimated with a possible high bias (coded "JL+") due to the high LCS recovery.

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

Comments:

All other results usable with qualifiers as noted above.

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:

8260:
Trifluorotoluene recovered higher than the UCL (80 – 120%) in samples 10FWAMW33-GWS (137%), 10FWAMW12-GWS (133%), 10FWAMW12-GWBS (129%), 10FWAMW03-GWS (126%), 10FWAMW76-GWS (134%), 10FWAMW81-GWS (135%), 10FWAMW38-GWS (171%) and 10FWAMW57-GWS (163%).

Ethylbenzene-d10 recovered higher than the UCL (80 – 120%) in samples 10FWAMW33-GWS (137%), 10FWAMW12-GWBS (125%), 10FWAMW76-GWS (136%), 10FWAMW81-GWS (135%), 10FWAMW38-GWS (177%) and 10FWAMW57-GWS (187%).

Fluorobenzene recovered higher than the UCL (80 – 120%) in sample 10FWAMW12-GWS (121%).

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: Detected results in samples 10FWAMW12-GWS, 10FWAMW12-GWBS, 10FWAMW33-GWS and 10FWAMW38-GWS were qualified as estimated with a possible high bias (coded "JS+") due to the high surrogate recoveries.

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

Comments:

Data usable as reported with qualifications.

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 results less than their respective PQLs. 10FWATB05-GWS: VOC – Methylene Chloride 0.00017 J mg/L GRO – 0.017 J mg/L

iv. If above PQL, what samples are affected?

Comments:

Results not above PQL; all results less than 5 times the respective trip blank value were qualified with a "B" indicating that they may be false positives.

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

Comments:

Data usable as reported; "B" qualified results may be false positives.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One set of field duplicate samples was submitted with this SDG (10FWAMW12-GWF/10FWAMW12-GWBF).

ii. Submitted blind to lab?

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

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 RPD values for results greater than their respective PQLs were less than 30%.

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

Comments:

No – Data usable as reported.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

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

a. Defined and appropriate?

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

Calibration outliers:
VOC – CCV for batch 580-68776 2,2-Dichloropropane %D -28.8% (limit 20%). 2,2-Dichloropropane results not reported from samples associated with this CCV – instead reported from analyses done under other CCVs.

VOC – CCV for batch 580-68836 Tetrachloroethene %D -23.28% (limit 20%). Tetrachloroethene results not reported from samples associated with this CCV – instead reported from analyses done under other CCVs.
2,2-Dichloropropane %D +23.5% (limit 20%). 2,2-Dichloropropane not detected in samples; qualifications not required.

VOCLL – CCV for batch 580-68735 1,1-Dichloroethene %D +31% (limit 20%). Data validation qualified detects in associated samples as estimated with possible high bias (coded "JC+").

Internal Standard Areas:
The IS area count for 1,4-Dichlorobenzene-d4 in samples 10FWAMW38-GWS and 10FWAMW57-GWS was below the -50% limit. Compounds associated with this IS were not detected in either sample; qualifications were not required.

All Data Qualifiers are defined in the project Data Quality Assessment

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: April 29, 2011

CS Report Name: Taku Gardens Spring 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica, Tacoma, WA Laboratory Report Number: 580-20605-1

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:

      Explosive analyses were performed at the TestAmerica Laboratory 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:

      Four coolers were shipped and were received intact with temperatures ranging from 2.7° C to 4.2° 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:

Samples received intact.

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:

No discrepancies noted.

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

Comments:

No. Samples usable as reported.

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:

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:

There is no impact to the data based on the minor QC outliers.

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:

Soil samples not submitted with this SDG.

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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria:

SVOC – SW8270C. The ADEC action level for N-Nitrosodimethylamine (0.000017 mg/L) is less than the lowest attainable MDL for the samples reported in this SDG.

e. Data quality or usability affected?

Comments:

No – Data usable as reported with qualifiers as noted above.

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:

Method blank results were evaluated at ½ LOQ (PQL) per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

SVOC – batch 580-68485: The method blank had a detection for benzyl butyl phthalate (0.000160 mg/L) greater than ½ LOQ and affected the following samples: 10FWAMW45-GWS, 10FWAMW40-GWS. Metals – batch 580-69967: The method blank had detections for antimony (0.00160 mg/L), arsenic (0.00102 mg/L) and selenium (0.00154 J mg/L) greater than ½ LOQ and affected the following samples: 10FWAMW45-GWS, 10FWAMW40-GWS.

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

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

All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

Comments:

No – data usable as reported. Results qualified with a "B" may be false positives.

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable

LCS:

SVOC – 580-68485: LCS Pentachlorophenol recovery (33%) less than LCL (40 – 115%).

Herbicides – 580-68324: LCS Dalapon recovery (114%) greater than the UCL (16 – 103%).

Pesticides – 580-68308: LCS Endosulfan I recovery (114%, 50 – 110%) and endrin ketone recovery (137%, 75 – 125%) 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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

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

Comments:

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, results are noted but qualifications are not applied.

For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

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

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

SVOC LCS: Data validation qualified the results for pentachlorophenol in batch 580-68485 as estimated with a possible low bias (coded "JL-") due to the low LCS recovery.

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

All other results usable with qualifiers as noted above.

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:

All surrogate recoveries acceptable; no flags are needed.

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

Data usable as reported.

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 compounds not reported in this SDG; trip blanks 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:

Volatile compounds not reported in this SDG; trip blanks not required.

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

Volatile compounds not reported in this SDG; trip blanks not required.

iv. If above PQL, what samples are affected?

Comments:

Volatile compounds not reported in this SDG; trip blanks not required.

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

Comments:

Volatile compounds not reported in this SDG; trip blanks not required.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

Field duplicate samples not submitted with this SDG.

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:

Field duplicate samples not submitted with this SDG.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

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

a. Defined and appropriate?

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

Calibration outliers: Pesticides – CCV69630/79 4,4'-DDD (+35.6%), endrin (+20.7%), methoxychlor (+23.4%) recovered high on primary column; acceptable on secondary column; CCV69390/82 4,4'-DDD (+32.7%) recovered high on primary column, acceptable on secondary column; CCV69390/88 4,4-DDD (+37.3%), dielderin (+20.9%) and methoxychlor (20.7%) recovered high on primary column, acceptable on secondary column. Compounds not detected in samples, no qualifications. All Data Qualifiers are defined in the project Data Quality Assessment

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: April 29, 2011

CS Report Name: Taku Gardens Spring 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica, Tacoma, WA Laboratory Report Number: 580-20639-1

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:

      Explosive analyses were performed at the TestAmerica Laboratory 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:

      Seven coolers were shipped and were received intact with temperatures ranging from of 1.9°C to 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:

One vial for trip blank sample 10WATB07-GWS had headspace 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:

No discrepancies noted.

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

Comments:

No. Samples usable as reported.

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 discrepancies, errors, and/or QC failures identified by the lab include:

SW8081: The CCV exceeded the upper control limit for 4,4'-DDT.

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:

Note that the laboratory identified sample 10FWAMW85-GWBS as 10FWAMW85-GBS. There is no impact to the data or data results. **SW8081:** The CCV exceeded the upper control limit for 4,4'-DDT. All associated sample results were non-detect except sample 10FWAMW77-GWS. The sample result was qualified JC+ to indicate possible high bias. The result was below the ADEC cleanup level, therefore the impact on data was minimal.

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:

Trip blank sample 10FWATB08-GWS and sample 10FWAMW84-GWS were analyzed one day past the 14 day hold time. Data validation qualified the results as estimated (coded "JH") with a possible low bias due to the hold time exceedance.

c. All soils reported on a dry weight basis?

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

Soil samples not submitted with this SDG.

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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria: SVOC – SW8270C. The ADEC action level for N-Nitrosodimethylamine (0.000017 mg/L) is less than the lowest attainable MDL for the samples reported in this SDG. VOC – SW8260B. The ADEC action levels for 1,2-dibromoethane (EDB) (0.00005 mg/L) and 1,2,3-trichloropropane (0.00012 mg/L) are less than the lowest attainable MDL for the samples reported in this SDG. Note, however, that the MDL for EDB for samples analyzed by the Low Level SW8260B method is less than the ADEC action level.

e. Data quality or usability affected?

Comments:

No – Data usable as reported with qualifiers as noted above.

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:

      Method blank results were evaluated at ½ LOQ (PQL) per project QAPP.

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

      SVOC – batch 580-68485: The method blank had a detection for diethyl phthalate (0.000160 mg/L) greater than ½ LOQ and affected the following sample: 10WAMW77-GWS

      Metals – batch 580-69967: The method blank had a detection for antimony (0.00160 mg/L) and selenium (0.00154 mg/L) greater than ½ LOQ and affected the following sample: 10WAMW77-GWS.

      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: All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

      No – data usable as reported. Results qualified with a "B" may be false positives.

   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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable

LCS:
VOC – Batch 580-69021 – LCSD recovery for bromomethane (157%) higher than UCL of 30 – 145%.

LLVOC – Batch 580-68800 – LCS (135%) for 1,1-dichloroethene (70 – 130%) higher than UCL.

SVOC – 580-68485: LCS Pentachlorophenol recovery (33%) less than LCL (40 – 115%).

Herbicide – 580-68693: Dalapon (124%, 16 – 103%), 2,4,5-T (119%, 35 – 110%), 2,4-DB (119%, 35 – 115%) recovered higher than their respective UCLs.

MS/MSD:

Pesticide – 580-68586: 10FWAMW77-GWS MS/MSD alpha-BHC 56%/54% (60 – 130%) and beta-BHC 62%/60% (65-125%) recoveries less than their respective LCLs

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

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

Comments:

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, results are noted but qualifications are not applied.
For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑ Yes ☐ No ☑ NA (Please explain.) Comments:

SVOC LCS: Data validation qualified the results for pentachlorophenol in batch 580-68485 as estimated with a possible low bias (coded "JL-") due to the low LCS recovery. 10FWAMW77-GWS MS/MSD: Data validation qualified the non-detect result for alpha-BHC and beta-BHC as estimated with a possible low bias (coded "JL-") due to the low MS/MSD recoveries.

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

All other results usable with qualifiers as noted above.

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 nitrobenzene-d5 in the undiluted analysis of sample 10FWAMW77-GWS was recovered higher (154%) than the UCL (48 – 130%).

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:

Qualifications not required due to surrogate outliers.

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

Data usable as reported with qualifications.

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:

10FWATB08-GWS: VOC – 2-Butanone 0.0036 J mg/L, acetone 0.014 mg/L, methylene chloride 0.011 mg/L, toluene 0.00041 J mg/L. Acetone and methylene chloride recovered above PQL. LLVOC – Tetrachloroethene 0.000048 J mg/L

iv. If above PQL, what samples are affected?

Comments:

All results associated with the TB sample, regardless of exceeding PQL values, less than 5 times the respective trip blank value were qualified with a "B" indicating that they may be false positives.

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

Comments:

Data usable as reported; "B" qualified results may be false positives.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One set of field duplicate samples was submitted with this SDG (10FWAMW85-GWS/10FWAMW85-GWBS).

ii. Submitted blind to lab?

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

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 RPD values for results greater than their respective PQLs were less than 30%.

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

Comments:

No – Data usable as reported.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

Calibration outliers:
VOC – CCV for batch 580-69021 Bromomethane %D 54.9% (limit 20%). Bromomethane not detected in sample results; no qualifications needed.

VOC – CCV for batch 580-69283 2,2-Dichloropropane %D > -20%. Result for 2,2-dichloropropane not reported from this SDG. No qualifications.

Pesticides –4,4'-DDE, dieldrin, and 4,4'-DDD recovered high in several CCVs. Compounds not detected in sample, no qualifications.

All Data Qualifiers are defined in the project Data Quality Assessment

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: May 6, 2011

CS Report Name: Taku Gardens Spring 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica, Tacoma, WA Laboratory Report Number: 580-20965-1

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 analyzed at TestAmerica, Tacoma, Washington.

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:

      One cooler was shipped and was received intact with a temperature of 2.7° 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:

Samples OK; no qualifications.

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:

No discrepancies noted.

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

Comments:

No. Samples usable as reported.

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:

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:

There is no impact to the data based on the minor QC outliers.

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:

Soil samples not submitted with this SDG.

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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria:

SVOC – SW8270C. The ADEC action level for N-Nitrosodimethylamine (0.000017 mg/L) is less than the lowest attainable MDL for the samples reported in this SDG.

VOC – SW8260B. The ADEC action levels for 1,2-dibromoethane (EDB) (0.00005 mg/L) and 1,2,3-trichloropropane (0.00012 mg/L) are less than the lowest attainable MDL for the samples reported in this SDG.

e. Data quality or usability affected?

Comments:

No – Data usable as reported with qualifiers as noted above.

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:

Method blank results were evaluated at ½ LOQ (PQL) per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

SVOC – batch 580-69798: The method blank had a detection for di-n-butylphthalate (0.000103 mg/L) greater than ½ LOQ and affected the following sample: 10FWA-TAKU-WW-W01 Metals – batch 580-69967: The method blank had a detection for antimony (0.00160 mg/L) and selenium (0.00154 mg/L) greater than ½ LOQ and affected the following sample: 10FWA-TAKU-WW-W01

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

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

All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

Comments:

No – data usable as reported. Results qualified with a "B" may be false positives.

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable LCS: Pesticide – 580-69795 – delta-BHC (36%) recovered less than its respective LCL (45 – 135%). 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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

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

Comments:

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, results are noted but qualifications are not applied. For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

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

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

Pesticde LCS: Data validation qualified the results for delta-BHC in batch 580-69795 as estimated with a possible low bias (coded "JL-") due to the low LCS recovery.

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

Comments:

All other results usable with qualifiers as noted above.

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 acceptable; qualifications not required.

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

Comments:

Data usable as reported with qualifications.

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:

10FWATB09-GWS: VOC – Toluene 0.000080 J mg/L, 4-isopropyltoluene 0.00021 J mg/L, n-butylbenzene 0.00021 J mg/L.

iv. If above PQL, what samples are affected?

Comments:

All results associated with the TB sample less than 5 times their respective trip blank values were qualified with a “B” indicating that they may be false positives.

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

Comments:

Data usable as reported; “B” qualified results may be false positives.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

Only one waste sample is reported in this SDG. Field duplicate samples not required for this type of sample.

ii. Submitted blind to lab?

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

Field duplicate sample not submitted with 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 sample not submitted with SDG.

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

Comments:

Field duplicate sample not submitted with SDG.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

Calibration outliers: SVOC: Benzoic acid (+23.3%), 3,3'-dichlorobenzidine (+22.2%), indeno(1,2,3-cd)pyrene (+25.2%), dibenz(a,h)anthracene (+24%), benzo(g,h,i)perylene (+22.3%) %D greater than control limit of ± 20%. Only benzoic acid detected in sample; result qualified as estimated with a possible high bias (coded "JC+"). Pesticides –4,4'-DDD recovered high in first bracketing CCV, acceptable in second bracketing CCV. Qualifications not required. All Data Qualifiers are defined in the project Data Quality Assessment

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: April 18, 2011

CS Report Name: Taku Gardens Fall 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica, Tacoma, WA Laboratory Report Number: 580-22489-1 & -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:

      General chemistry analyses, non-halogenated VOC, and dissolved gas analyses performed at TestAmerica, Savannah, GA and nitroaromatic explosives analyses performed at TestAmerica, Denver, Colorado

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

      COCs 2010FWATaku085, 2010FWATaku087, 2010FWATaku095 and 2010FWATaku096 do not have "relinquish" signatures.

   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:

Eleven coolers were shipped and were received intact with a temperatures ranging from 1.8° C to 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:

Samples received intact.

   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:

COC 2010FWATaku098: Sample 10FWAMW48-GWF has no times on the labels Sample 10FWATB01-GWF has no labels on the vials [presumably they are on the baggie] Several sample containers for sample 10FWAM39-GWF are labeled 10FWAM39-GWDF (in some cases the "D" is crossed off.) One VOC vial for sample 10FWAMW79-GWF has an air bubble greater than ¼". Sample is listed as 10FWAMW78-GWBF on COC, but labels say 10FWAMW78-GWF [presumably time sampled was used to correlate sample IDs] There is no indication that Jacobs was contacted about these discrepancies.

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

No. Samples usable as reported.

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:

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:

There is no impact to the data based on the minor QC outliers.

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 non-detect results for Non-halogenated Organic Compounds by SW8015B in sample 10FWAMW48-GWF were qualified as estimated (coded "JH") during data validation because the hold time was exceeded due to the analysis being requested past the hold time. The results may be biased low.

c. All soils reported on a dry weight basis?

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

Soil samples not submitted with this SDG.

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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria:

SVOC – SW8270C. The ADEC action level for N-Nitrosodimethylamine (0.000017 mg/L) is less than the lowest attainable MDL for the samples reported in this SDG.

VOC – SW8260B. The ADEC action levels for 1,2-dibromoethane (EDB) (0.00005 mg/L) and 1,2,3-trichloropropane (0.00012 mg/L) are less than the lowest attainable MDL for the samples reported in this SDG. Note, however, that the MDL for EDB for samples analyzed by the Low Level SW8260B method is less than the ADEC action level.

e. Data quality or usability affected?

Comments:

No – Data usable as reported with qualifiers as noted above.

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:

      Method blank results were evaluated at ½ LOQ per project QAPP.

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

      All MB results were less than ½ 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:

      All MB results were less than ½ LOQ

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

      No – data usable as reported.

   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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable

LCS: SVOC 580-74678: Pentachlorophenol 3% recovery

Herbicides: 580-74680: 2,4-DB 126% recovery (35 – 115%)

MS/MSD: SVOC 10FWAMW39-GWF:
MS:
2-Chloronaphthalene (49%, 50 – 105%), dibenzofuran (53%, 55 – 105%), 3,3'-dichlorobenzidine (0%, 20 – 110%), bis(2-ethylhexyl)phthalate (53%, 55 – 115%), n-nitrosodiphenylamine (47%, 50 -110%) recovered less than their respective LCLs
MSD:
3,3'-dichlorobenzidine (0%, 20 – 110%) recovered less than the LCL

Herbicides: 10FWAMW39-GWF – MS – 2,4-DB (138%, 35 – 115%)

Dissolved Gas: 10FWAMW39-GWF – MS – Methane (283%, 75 – 125%), MSD – Methane (234%, 75 – 125%)

Pesticides: 10FWAMW39-GWF – MS beta-BHC (63%, 65 – 125%), endrin ketone (70%, 75 – 125%), alpha-chlordane (62%, 65 – 125%)
MSD – alpha-chlordane (64%, 65 – 125%)

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

All RPD values acceptable.

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

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, all samples in the batch are affected.
For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑ Yes ☐ No ☑ NA (Please explain.) Comments:

SVOC LCS: Data validation qualified all non-detect pentachlorophenol results as rejected (coded "R") due to the extremely low LCS recoveries.

SVOC MS/MSD: Data validation qualified the results for 2-chloronaphthalene, dibenzofuran, n-nitrosodiphenylamine and bis(2-ethylhexyl)phthalate as estimated with a low bias (coded "JM-") and the result for 3,3'-dichlorobenzidine as rejected (coded "R") in sample 10FWAMW39-GWF due to low MS and/or MSD recoveries.

Dissolved gas: MS/MSD: Data validation qualified the detected result for methane in sample 10FWAMW39-GWF as estimated with a high bias (coded "JM+") due to the high MS/MSD recoveries.

Pesticide MS/MSD: Data validation qualified the non-detect results for beta-BHC, endrin ketone and alpha-chlordane as estimated with a possible low bias (coded "JM-") due to the low MS and/or MSD recoveries.

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

Pentachlorophenol results are not usable due to a low LCS recovery.

The result for 3,3'-dichlorobenzidine in sample 10FWAMW39-GWF was rejected and not usable due to low MS/MSD recoveries.

All other results usable with qualifiers as noted above.

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: 10FWAMW39-GWF – 2-Fluorobiphenyl recovery (49%) lower than the LCL (50 – 110%)
10FWAMW08-GWF – 2-Fluorobiphenyl recovery (43%) lower than the LCL (50 – 110%)
10FWAMW48-GWF – 2-Fluorobiphenyl recovery (38%) lower than the LCL (50 – 110%), nitrobenzene-d5 (37%) lower than the LCL (40 – 110%), terphenyl-d14 (46%) lower than the LCL (50 – 135%)

10FWAMW39-GWF MS – 2-Fluorobiphenyl recovery (47%) lower than the LCL (50 – 110%).

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 results in sample 10FWAMW48-GWF qualified as estimated with a possible low bias (coded "JS-") due to the low surrogate recoveries.

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

Comments:

Data usable as reported with qualifications.

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 results less than their respective PQLs. 10FWATB01-GWF: VOC – ND; LVOC – ND; GRO – ND

iv. If above PQL, what samples are affected?

Comments:

Compounds not detected in the TB sample.

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

Comments:

Data usable as reported.

e. Field Duplicate

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

One set of field duplicate samples was submitted with this SDG (10FWAMW39-GWF/10FWAMW39-GWBF).

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

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:

RPD values for alkalinity and sulfate were greater than 30%. Results were qualified as estimated (coded "JD") in both the normal and FD sample. All other RPD values for results greater than their respective PQLs were less than 30%.

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

Comments:

No – Data usable as reported.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

Data Qualifiers are defined in the project Data Quality Assessment

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: April 18, 2011

CS Report Name: Taku Gardens Fall 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica, Tacoma, WA Laboratory Report Number: 580-22610-1

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:

      General chemistry analyses and dissolved gas analyses performed at TestAmerica, Savannah, GA and nitroaromatic explosives analyses performed at TestAmerica, Denver, Colorado

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:

      Nine coolers were shipped and were received intact with a temperatures ranging from 0.4° C to 3.3° 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:

Samples received intact.

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:

COC 2010FWATaku118:
Sample 10FWAMW86-GWF has no label on one HCl amber. Sample identified by ID written on bottle.
COC 2010FWATaku127:
Samples 10FWAMW36-GWF and 10FWAMW77-GWF had no times listed on the 1L Poly NaSO4 and 500 Poly HNO3 bottles.
COC 2010FWATaku120:
Sample 10FWAMW84-GWF required preservation of the 500 mL Poly HNO3 bottle. Bottle preserved at laboratory.
COC 2010FWATaku124:
Sample 10FWAMW77-GWF had no time listed on the 500 mL Poly bottle.
COC 2010FWATaku117:
Sample 10FWAMW83-GWF had no time listed on the 1L Poly bottle.
COC 2010FWATaku123:
Sample 10FWAMW83-GWF, 10FWAMW90-GWF, 10FWAMW36-GWF, 10FWAMW85-GWF, 10FWAMW85-GWBF and 10FWAMW89-GWF VOC containers did not have sample times on them.
One VOC sample vial for 10FWAMW82-GWF contained 8 mm of headspace
COC210FWTaku122:
Sample 10FWAMW82-GWF required preservation of the 500 mL Poly HNO3 bottle. Bottle preserved at laboratory.

There is no indication that Jacobs was contacted about these discrepancies.

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

Comments:

No. Samples usable as reported.

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:

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:

There is no impact to the data based on the minor QC outliers.

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 non-detect results for Non-halogenated Organic Compounds by SW8015B in sample 10FWAMW48-GWF were qualified as estimated (coded "JH") during data validation because the hold time was exceeded due to the analysis being requested past the hold time. The results may be biased low.

c. All soils reported on a dry weight basis?

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

Soil samples not submitted with this SDG.

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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria:

SVOC – SW8270C. The ADEC action level for N-Nitrosodimethylamine (0.000017 mg/L) is less than the lowest attainable MDL for the samples reported in this SDG.

VOC – SW8260B. The ADEC action levels for 1,2-dibromoethane (EDB) (0.00005 mg/L) and 1,2,3-trichloropropane (0.00012 mg/L) are less than the lowest attainable MDL for the samples reported in this SDG. Note, however, that the MDL for EDB for samples analyzed by the Low Level SW8260B method is less than the ADEC action level.

e. Data quality or usability affected?

Comments:

No – Data usable as reported with qualifiers as noted above.

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:

Method blank results were evaluated at ½ LOQ per project QAPP. **SW8270 SVOC** – batch 580-74886: MB di-n-butylphthalate 0.000107 mg/L

      iii. If above PQL, what samples are affected?

      Comments:

SW8270 (Di-n-butyl phthalate): The method blanks had detections greater than ½ LOQ and affected the following samples: 10FWAMW35-GWF, 10FWAMW36-GWF and 10FWAMW77-GWF.

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

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

SW8270 SVOC: Di-n-butyl phthalate results in batch 580-74886 less than 5 times their respective blank concentration were qualified during data validation with a "B" (the results were not qualified by the laboratory), indicating that the result may be a false positive and not reflective of *in-situ* sample conditions.

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

      Comments:

No – data usable as reported. Results qualified with a "B" may be false positives.

   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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable

LCS: VOC 580-75490: Acetone 175% recovery (40-140%); 2-butanone 159% (30-150%)

SVOC 580-74886: LCSD: butylbenzyl phthalate 118% (45 – 115%)

Herbicides: 580-74867: Dalapon LCS/LCSD 121%/107% recovery (16 - 103%)

MS/MSD:

DRO: 580-75486 – 10FWAMW85-GWF MSD recovery 64% (lab limits 61 – 127%; however less than ADEC limit of 60 – 120%)

Metals: 580-76382: 10FWAMW35-GWF MS Calcium recovery 67% (80 – 120). However, concentration in sample greater than 4x spike value. No qualifications.

Ammonia: 580-22645: Batch MS/MSD recoveries (80/77%) lower than 90 – 110% range. Not applicable to samples in this SDG. No qualifications.

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

SVOC: 580-74886 – LCS/LCSD RPD N-nitrosodiphenylamine 32%, 3,3'-dichlorobenzidine 32%, di-n-octylphthalate 31%. Limit is 30%.

Herbicide: 580-74867 – LCS/LCSD RPD Dinoseb 38%. Limit is 30%.

Metals: 580-76382—10FWAMW35-GWF Duplicate Antimony 22%, Chromium 40%, Iron 29%, Selenium 30%. Limit is 20%.

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

Comments:

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, results are noted but qualifications are not applied.
For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

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

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

SVOC LCSD: Data validation qualified the detected results for benzyl butyl phthalate in batch 580-74886 as estimated with a possible high bias (coded "JL+") due to high a LCSD recovery.

DRO MS/MSD: Data validation qualified the DRO results in sample 10FWAMW85-GWF as estimated with a possible low bias (coded "JM-") due to a low MSD recovery.

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

Comments:

All other results usable with qualifiers as noted above.

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: 10FWAMW86-GWF – Trifluorotoluene 123%, higher than the UCL (80 – 120%)

DRO/RRO: 10FWAMW35-GWF – n-Triacontane-d62 (NTC) 54%, lower than the LCL (60 – 120%); 10FWAMW86-GWF – NTC 57%, lower than the LCL (60 – 120%).

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:

RRO results in samples 10FWAMW35-GWF and 10FWAMW86-GWF were qualified as estimated with a possible low bias (coded "JS-") due to the low surrogate recoveries.

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

Comments:

Data usable as reported with qualifications.

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 results less than their respective PQLs. 10FWATB03-GWF: VOC – Methylene chloride 0.00029 J mg/L VOCLL – PCE 0.00012 J mg/L

iv. If above PQL, what samples are affected?

Comments:

Results not above PQL; all results less than 5 times the respective trip blank value were qualified with a "B" indicating that they may be false positives.

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

Comments:

Data usable as reported; "B" qualified results may be false positives.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One set of field duplicate samples was submitted with this SDG (10FWAMW85-GWF/10FWAMW85-GWBF). One in 10 FD sample frequency met for project.

ii. Submitted blind to lab?

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

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 RPD values for results greater than their respective PQLs were less than 50%.

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

Comments:

No – Data usable as reported.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

Calibration outliers:
VOC – CCV for batch 580-75209: Chloromethane %D +23.2%. Chloromethane not detected in associated samples; qualifications not required.

VOC – CCV for batch 580-75490: Acetone %D +51.2%. Acetone not detected in associated samples; qualifications not required.

All Data Qualifiers are defined in the project Data Quality Assessment

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: April 18, 2011

CS Report Name: Taku Gardens Fall 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica, Tacoma, WA Laboratory Report Number: 580-22614-1

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:

      General chemistry analyses and dissolved gas analyses performed at TestAmerica, Savannah, GA and nitroaromatic explosives analyses performed at TestAmerica, Denver, Colorado

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

      COCs 2010FWATaku107 and 2010FWATaku111 relinquished by not signed.

   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:

      Tweleve coolers were shipped and were received intact with a temperatures ranging from 1.1° C to 5.7° 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:

Samples received intact.

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:

COC 2010FWATaku104: Sample times not on labels for samples 10FWAMW26-GWA and 10FWAMW53-GWA.
COC2010FWATaku105: Sample times not on labels for sample 10FWAMW26-GWA.
COC2010FWATaku107: Sample times not on labels for sample 10FWAMW57-GWA.
COC2010FWATaku108: Sample times not on labels for sample 10FWAMW57-GWA.
COC2010FWATaku111: Sample times not on labels for sample 10FWAMW53-GWA.
COC2010FWATaku116: Sample times not on labels for samples 10FWAMW26-GWF, 10FWAMW53-GWA or 10FWAMW57-GWA.

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

Comments:

No. Samples usable as reported.

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:

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:

There is no impact to the data based on the minor QC outliers.

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:

Samples 10FWAMW26-GWF, 10FWAMW53-GWF, 10FWAMW57-GWF, 10FWAMW69-GWF and 10FWAMW70-GWF for explosives analysis by SW8321A were extracted past their seven day hold time. All non-detect results have been qualified as estimated (coded "JH"), and the results may be biased slightly low.

   c. All soils reported on a dry weight basis?
      ☐ Yes ☐ No ☑NA (Please explain.) Comments:

Soil samples not submitted with SDG.

   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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria: SVOC – SW8270C. The ADEC action level for N-Nitrosodimethylamine (0.000017 mg/L) is less than the lowest attainable MDL for the samples reported in this SDG. VOC – SW8260B. The ADEC action levels for 1,2-dibromoethane (EDB) (0.00005 mg/L) and 1,2,3-trichloropropane (0.00012 mg/L) are less than the lowest attainable MDL for the samples reported in this SDG. Note, however, that the MDL for EDB for samples analyzed by the Low Level SW8260B method is less than the ADEC action level.

   e. Data quality or usability affected?
      Comments:

No – Data usable as reported with qualifiers as noted above.

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:

Method blank results were evaluated at ½ LOQ (PQL) per project QAPP.

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

SVOC – batch 580-74886: The method blank had a detection for di-n-butyl phthalate (0.000105 mg/L) greater than ½ LOQ and affected the following samples: 10FWAMW81-GWF, 10FWAMW76-GWF, 10FWAMW70-GWF, 10FWAMW13-GWF, 10FWAMW69-GWF, 10FWAMW57-GWF, 10FWAMW26-GWF, 10FWAMW53-GWF.

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: All samples and the associated analytes shown above were qualified 'B' to indicate the analyte was also present in the method blank.

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

No – data usable as reported. Results qualified with a "B" may be false positives.

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable

LCS:

VOC 580-75386: Acetone 184% recovery (40-140%); 2-butanone 156% (30-150%)

SVOC 580-74886: LCSD recovery butylbenzyl phthalate 118% (45 – 115%)

Herbicides 580-74867: LCS/LCSD recoveries of dalapon 121%/107% (16 – 103%) greater than UCL

Pesticides 580-74885: LCSD recoveries for beta-BHC 60% (65 – 125%) and alpha-Chlordane 65% (65 – 125%) lower 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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

SVOC: 580-74886 LCS/LCSD: N-Nitrosodiphenylamine 33%, 3,3'-dichlorobenzidine 32%, di-n-octylphthalate 31%. QC limits are 30%.

Herbicides: 580-74867 LCS/LCSD: Dinsob 38%. QC limit is 30%.

Pesticides: 580-74885 LCS/LCSD: 4,4'-DDT 48%, endrin aldehyde 46%. QC limits are 30%.

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

Comments:

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, results are noted but qualifications are not applied.

For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☑ Yes ☐ No ☑ NA (Please explain.) Comments:

SVOC LCS: Data validation qualified the detected results for butyl benzyl phthalate in batch 580-74886 as estimated with a possible high bias (coded "JL+") due to the high LCS recovery.

Pesticides LCSD: Data validation qualified the non-detect results for beta-BHC an alpha-chlordane in batch 580-74885 as estimated with a possible low bias (coded "JL-") due to the low LCSD recoveries.

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

All other results usable with qualifiers as noted above.

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 recovery for DCB on both columns (26% 1°, 21% 2°) in sample 10FWAMW76-GWF was less than the LCL of 30 – 135%.

PCBs: The recoveries for DCB on both columns (20% 1°, 21% 2°) and TCMX on both columns (30% 1°, 31% 2°) were less than their respective LCLs (40 – 135% and 60 – 150%, respectively).

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 pesticides results in sample 10FWAMW76-GWF were qualified estimated with a possible low bias (coded "JS-") due to a low surrogate recovery on both columns.

The PCB results in sample 10FWAMW76-GWF were qualified estimated with a possible low bias (coded "JS-") due to a low surrogate recoveries on both columns.

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

Data usable as reported with qualifications.

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 results less than their respective PQLs.

10FWATB02-GWF:
VOC – Methylene chloride 0.00032 mg/L

iv. If above PQL, what samples are affected?

Comments:

Results not above PQL; all results less than 5 times the respective trip blank value were qualified with a "B" indicating that they may be false positives.

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

Comments:

Data usable as reported; "B" qualified results may be false positives.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One set of field duplicate samples was submitted with this SDG (10FWAMW03-GWF/10FWAMW03-GWBF).

ii. Submitted blind to lab?

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

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 RPD values for results greater than their respective PQLs were less than 30%.

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

Comments:

No – Data usable as reported.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☑Yes ☐ No ☐NA (Please explain.) Comments:

Calibration outliers:
VOC – CCV for batch 580-75209: Chloromethane %D +23.2%. Chloromethane not detected in associated samples; qualifications not required.

VOC – CCV for batch 580-75386: Acetone %D +103%; 2-Butanone +54.4%; 2-hexanone +28.4%. Acetone, 2-butanone and 2-hexanone not detected in the sample associated with this batch; qualifications not required.

Pesticides: CCV76663/2: 1° -- DDT +29.7%, dieldrin +23.1%, endrin +41.1%, endrin aldehyde +20.1%, endrin ketone +24.1%, gamma-chlordane -27.2%. All acceptable on the 2° column.
CCV76663/10: 1° -- DDT 34.5%, alpha-BHC +20.2%, dieldrin +25.9%, endrin +47.2%, endrin ketone +27.9%, endrin aldehyde +24.1%, heptachlor +22.6%, methoxychlor +23.1%, gamma-chlordane -27.7%. All acceptable on 2° column.
CCV77663/22: 1° -- DDT 49.6%, alpha-BHC +24.6%, delta-BHC 22.7%, aldrin 23.8%, DDE 25.2%, dieldrin +30.7%, endrin +54%, endrin ketone +35.3%, endrin aldehyde +30.1%, heptachlor +28.9%, methoxychlor +35.3%, endosulfan sulfate 23.8%, gamma-chlordane -27.2%. DDT 26.1% and delta-BHC 20.3% on 2° column; all others acceptable. QC limits are 20%. Qualifications not required as at least one of the columns passed and there were no detects in the samples.

All Data Qualifiers are defined in the project Data Quality Assessment

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: April 18, 2011

CS Report Name: Taku Gardens Fall 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica, Tacoma, WA Laboratory Report Number: 580-22645-1& -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:

      General chemistry analyses, non-halogenated VOC, and dissolved gas analyses performed at TestAmerica, Savannah, GA and nitroaromatic explosives analyses performed at TestAmerica, Denver, Colorado

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:

      Nine coolers were shipped and were received intact with a temperatures ranging from 1.3° C to 5.4° 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 cooler receipt forms noted several sample containers were found broken during login. See section 3-d for details.

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:

COC 2010FWATaku132:
1 vial for sample 10FWA62-GWF, 4 vials for 10FWAMW43-GWF and 1 vial for 2010FWAMW90-GWF were received broken.
COC2010FWATaku136: Several labels without times.
COC2010FWATaku134: Several labels without times for sample 10FWAMW61-GWF.
COC2010FWATaku138: One amber received broken.
COC2010FWATaku140: Two liter without labels. "64" written on vials.
COC2010FWATaku145: Not enough sample was sent for MS/MSD on sample 10FWAMW64-GWBF for AK102/103 analyses.
Sample containers for metals analysis for sample 10FWAMW62-GWF required pH adjustment.

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

Comments:

No. Samples usable as reported.

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:

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:

There is no impact to the data based on the minor QC outliers.

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 non-detect results for Non-halogenated Organic Compounds by SW8015B in sample 10FWAMW56-GWF were qualified as estimated (coded "JH") during data validation because the hold time was exceeded due to the analysis being requested past the hold time. The results may be biased low.

c. All soils reported on a dry weight basis?

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

Soils not submitted with this SDG.

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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria: SVOC – SW8270C. The ADEC action level for N-Nitrosodimethylamine (0.000017 mg/L) is less than the lowest attainable MDL for the samples reported in this SDG. VOC – SW8260B. The ADEC action levels for 1,2-dibromoethane (EDB) (0.00005 mg/L) and 1,2,3-trichloropropane (0.00012 mg/L) are less than the lowest attainable MDL for the samples reported in this SDG. Note, however, that the MDL for EDB for samples analyzed by the Low Level SW8260B method is less than the ADEC action level.

e. Data quality or usability affected?

Comments:

No – Data usable as reported with qualifiers as noted above.

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:

      Method blank results were evaluated at ½ LOQ (PQL) per project QAPP.

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

      All method blank results were less than ½ 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:

      All method blank results were less than ½ LOQ.

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

      No – data usable as reported.

   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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable

LCS:

VOC 580-75386: Acetone 184% recovery (40-140%); 2-butanone 156% (30-150%)

VOC 580-75490: Acetone 175% recovery (40-140%); 2-butanone 150% (30-150%)

MS/MSD:

VOC: 580-75490 –10FWAMW64-GWF: MS/MSD Acetone 173%/163% (40 – 140%) greater than the UCL.
MS/MSD 2,2-dichloropropane 56%/56% (70 – 135%) lower than the LCL

SVOC: 580-75082 – 10FWAMW64-GWF: MS/MSD Pentachlorophenol 128%.123% recoveries and (40-115%) MS bis(2-ethylhexylphthalate) 136% (40-125) recovery higher than UCL
N-nitrosodiphenylamine MSD recovery 47% (50 – 110%) less than the LCL.
3,3'-dichlorobenzidine MS/MSD recovery 0%/0% (20 – 110%)

SVOCSIM: 580-75082 – 10FWAMW64-GWF MS Chrysene 114% (55 – 110%) recovery higher than the UCL.

Herbicides: 580-75037: 4-Nitrophenol MSD 31% recovery (50 - 150%) less than LCL.

Dissolved Gasses: 10FWAMW64-GWF MS/MSD 126%/137% (75 – 125%) greater than UCL.

Pesticides: 10FWAMW64-GWF MS/MSD alpha-BHC 55%/58% (60 – 130%), beta-BHC 58%/58% (65 – 125%), heptachlor epoxide 58%/58% (60 – 130%), alpha-chlordane 58%/59% (65 – 125%), gamma-chlordane 58%/58% (60 – 125%) lower than the LCL.

Explosives: 280-39083 – 10FWAMW64-GWF MS 2,6-dinitrotoluene 63%/63% (67-132%) lower than the LCL.
RDX MSD 68% (72 – 130) less than LCL.

Metals: 580-76344: 10FWAMW64-GWF MS Calcium recovery 125%/121% (80 – 120%). However, concentration in sample greater than 4x spike value. No qualifications.
Iron recovery high in the MSD 121% (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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

Herbicide: 580-74867 – MS/MSD 10FWAMW64-GWF RPD 4-Nitrophenol 85%. Limit is 30%.

Explosives: 280-39083 – MS/MSD RDX 27%. Limit is 26%.

Metals: 580-76382—10FWAMW64-GWF Duplicate Selenium 48%. Limit is 20%.
Arsenic serial dilution %D 21%. Limit 10%.

Second column confirmation outliers:
10FWAMW62-GWF:

Gamma-BHC	72.6%
Beta-BHC	155.6%
Delta-BHC	44.4%
4,4'-DDE	159.1%
Endrin	185.4%

Narrative indicates that these compounds (and heptachlor epoxide and endosulfan II) are likely false positives from fuel like pattern in sample. Note in DQA; no additional qualifications.

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

Comments:

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, results are noted but qualifications are not applied.
For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

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

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

VOC MS/MSD: Data validation qualified the non-detect result for 2,2-dichloropropane in sample 2010FWAMW-64-GWF as estimated with a possible low bias (coded "JM-") due to low MS/MSD recoveries.

SVOC MS/MSD: 10FWA-MW64-GWF – Data validation qualified the non-detect results for N-nitrosodiphenylamine as estimated with a possible low bias (coded "JM-") due to the low MSD recovery.
Data validation qualified the non-detect result for 3,3'dichlorobenzidine as rejected (coded "R") due to the 0% MS and MSD recoveries.

Herbicide MS/MSD: 10FWAMW64-GWF – Data validation qualified the non-detect results for 4-Nitrophenol as estimated with a possible low bias (coded "JM-") due to the low MSD recovery.

Dissolved Gasses MS/MSD: 10FWAMW64-GWF – Data validation qualified the detected results for methane as estimated with a possible high bias (coded "JM+") due to the high MS/MSD recoveries.

Pesticides MS/MSD: 10FWAMW64-GWF MS/MSD – Data validation qualified the non-detect results for alpha-BHC, beta-BHC, heptachlor epoxide, alpha-chlordane and gamma-chlordane as estimated with a possible low bias (coded "JM-") due to low MS/MSD recoveries.

Explosives MS/MSD: 10FWAMW64-GWF MS/MSD: Data validation qualified the non-detect results for 2,6-dinitrotoluene and RDX as estimated with a possible low bias (coded "JM-") due to low MS and/or MSD recoveries.

Metals MS/MSD: Data validation qualified all detected results for iron in batch 580-77634 as estimated with a possible high bias (coded "JM+") due to a high iron MSD recovery.

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

Comments:

All other results usable with qualifiers as noted above.

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:

8260LL: 10FWATB04-GWF: Trifluorotoluene recovery (131%) higher than (80 – 120%) UCL. 8270C: 10FWAMW62-GWF: Nitrobenzene-d5 recovery (31%) lower than (40 -110%) LCL. Terphenyl-d14 recovery (156%) greater than (50-135%) UCL. DRO/RRO: 10FWAMW62-GWF –o-Terphenyl 127%, higher than the UCL (60 – 120%). No qualifications required because the sample was analyzed at a 1:10 dilution.

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:

All 8270C results in sample 10FWAMW62-GWF were qualified as estimated (coded "JS") due to the high terphenyl-d14 recovery and the low nitrobenzene-d5 recovery.

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

Comments:

Data usable as reported with qualifications.

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 their respective PQLs. 10FWATB04-GWF: VOC – Acetone 0.0019 J mg/L VOCLL – TCE 0.000057 J mg/L

iv. If above PQL, what samples are affected?

Comments:

Results not above PQL; all results less than 5 times the respective trip blank value were qualified with a "B" indicating that they may be false positives.

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

Comments:

Data usable as reported; "B" qualified results may be false positives.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One set of field duplicate samples was submitted with this SDG (10FWAMW64-GWF/10FWAMW64-GWBF).

ii. Submitted blind to lab?

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

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:

RPD values for beta-BHC and lindane were greater than 30%. Results were qualified as estimated (coded "JD") in both the normal and FD sample. Note that these results are likely false positives based on the fuel pattern seen in both samples. All other RPD values for results greater than their respective PQLs were less than 30%.

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

Comments:

No – Data usable as reported.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?

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

Calibration outliers:
VOC – CCV for batch 580-75386: Acetone %D +103%. The only sample with a detects of actone (2010FWAMW62-GWF) was reanalyzed for acetone under batch 580-75587. 2-Butanone +54.4%; 2-hexanone +28.4%. 2-Butanone and 2-hexanone not detected in the samples; qualifications not required.

VOC – CCV for batch 580-75490: Acetone %D +51.2%. Acetone not detected in associated samples; qualifications not required.

Instrument Tune Issues:

The tune for VOCLL batch 580-75522 shows a 94.83% relative abundance for m/z 176, failing the 95- 101% method criteria. The abundance actually meets the method criteria, and the reported value is a result of rounding precision error.

All Data Qualifiers are defined in the project Data Quality Assessment

Laboratory Data Review Checklist

Completed by: Lonnie Fallin – Jacobs Engineering

Title: Senior Chemist Date: April 18, 2011

CS Report Name: Taku Gardens Fall 2010 Groundwater Sampling

Report Date: April 2011

Consultant Firm: Jacobs Engineering

Laboratory Name: TestAmerica, Tacoma, WA Laboratory Report Number: 580-22682-1

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:

      General chemistry analyses and dissolved gas analyses performed at TestAmerica, Savannah, GA and nitroaromatic explosives analyses performed at TestAmerica, Denver, Colorado

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:

      Nine coolers were shipped and were received intact with a temperatures ranging from 0.7° C to 3.4° 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:

Samples received intact.

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:

COC 2010FWATaku146: Most amber vials without times on the labels.
COC2010FWATaku147: Most amber vials without times on the labels.
COC2010FWATaku148: Most amber vials without times on the labels.
COC2010FWATaku149: Most amber vials without times on the labels.
COC2010FWATaku150: Most amber vials without times on the labels.
COC2010FWATaku151: Most amber vials without times on the labels.
COC2010FWATaku152: Most labels without times.
COC2010FWATaku153: Most amber vials without times on the labels.
COC2010FWATaku154: Most amber vials without times on the labels.
COC2010FWATaku155: Most amber vials without times on the labels.
COC2010FWATaku156: Most labels without times.

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

Comments:

No. Samples usable as reported.

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:

c. Were all corrective actions documented?

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

The case narrative erroneously states that acetone and 2-butanone were not detected in samples associated with LCS 580-75490 (acetone and 2-butanone were biased high in the LCS). In fact, sample 10FWAMW06A-GWF had a detect of acetone. The result for acetone was qualified as detailed below based on the high recovery.

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

Comments:

There is no impact to the data based on the minor QC outliers.

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:

Soil samples not submitted with SDG

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:

The reported PQLs are less than the ADEC action level in most cases. In all cases except the following, the reported MDL is less than the ADEC criteria: SVOC – SW8270C. The ADEC action level for N-Nitrosodimethylamine (0.000017 mg/L) is less than the lowest attainable MDL for the samples reported in this SDG. VOC – SW8260B. The ADEC action levels for 1,2-dibromoethane (EDB) (0.00005 mg/L) and 1,2,3-trichloropropane (0.00012 mg/L) are less than the lowest attainable MDL for the samples reported in this SDG. Note, however, that the MDL for EDB for samples analyzed by the Low Level SW8260B method is less than the ADEC action level.

e. Data quality or usability affected?

Comments:

No – Data usable as reported with qualifiers as noted above.

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:

Method blank results were evaluated at ½ LOQ per project QAPP.

iii. If above PQL, what samples are affected?

Comments:

Not applicable (results not above ½ 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:

All method blank results were less than ½ PQL.

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

Comments:

No – data usable as reported.

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD recoveries were acceptable

LCS:

VOC 580-75386: Acetone 184% recovery (40-140%); 2-butanone 156% (30-150%)

VOC 580-75490: Acetone 175% recovery (40-140%); 2-butanone 150% (30-150%)

Explosives 280-39359: Tetryl LCS recovery 136% (15 – 134%).

MS/MSD:

Explosives: 280-39083 – 10FWAMW64-GWF MS 2,6-dinitrotoluene 63%/63% (67-132%) lower than the LCL.
RDX MSD 68% (72 – 130) less than LCL.

Metals: 580-76344: 10FWAMW64-GWF MS Calcium recovery 125%/121% (80 – 120%). However, concentration in sample greater than 4x spike value. No qualifications.
Iron recovery high in the MSD 121% (80 – 120%). [Note this sample was analyzed as part of this SDG, so recovery results apply to this SDG as well as SDG 580-22645.]

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:

Note: If not discussed the LCS/LCSD and/or MS/MSD RPD values were acceptable

Explosives: 280-39083 – MS/MSD RDX 27%. Limit is 26%.

Metals: 580-76382—10FWAMW64-GWF Duplicate Selenium 48%. Limit is 20%.
Arsenic serial dilution %D 21%. Limit 10%.

Second column confirmation outliers:
10FWAMW33-GWF:

Alpha-BHC	79.2%
Beta-BHC	170.6%
Heptachlor	174.5%
Methoxychlor	115.4%

Narrative indicates that these compounds (and Lindane, delta-BHC and dieldrin) are likely false positives from fuel like pattern in sample. Note in DQA; no additional qualifications.

10FWAMW06A-GWF:

Alpha-BHC	132%
Aldrin	113.5%
Dieldrin	125.8%

Narrative indicates that these compounds are likely false positives from fuel like pattern in sample. Note in DQA; no additional qualifications.

10FWAMW12-GWF:

Gamma-BHC	82.6%
Beta-BHC	82.7%

Narrative indicates that these compounds (and alpha-BHC) are likely false positives from fuel like pattern in sample. Note in DQA; no additional qualifications.

10FWAMW12-GWBF:

Gamma-BHC	116.1%
Heptachlor	92.9%

Narrative indicates that these compounds (and beta-BHC and methoxychlor) are likely false positives from fuel like pattern in sample. Note in DQA; no additional qualifications.

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

Comments:

For LCS and/or LCSD recoveries that are lower than the LCL, results in all samples in the batch are affected. For LCS and/or LCSD recoveries that are greater than the UCL, only detected results from samples in the batch are affected. For LCS/LCSD RPD values that are out of acceptable limits, results are noted but qualifications are not applied.
For MS and/or MSD recoveries that are lower than the LCL for organic parameters, only results in the parent sample are affected. For MS and/or MSD recoveries that are greater than the UCL for organic parameters, only the parent sample results are affected. For metals MS/MSD recoveries that are out of compliance, all samples in the digestion batch are affected.

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

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

VOC LCS: Data validation qualified the detected results for acetone in batch 580-75490 as estimated with a possible high bias (coded "JL+") due to the high LCS recovery.

Explosives MS/MSD: 10FWAMW64-GWF MS/MSD: Data validation qualified the non-detect results for 2,6-dinitrotoluene and RDX as estimated with a possible low bias (coded "JM-") due to low MS and/or MSD recoveries.

Metals MS/MSD: Data validation qualified all detected results for iron in batch 580-77634 as estimated with a possible high bias (coded "JM+") due to a high iron MSD recovery.

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

Comments:

All other results usable with qualifiers as noted above.

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:

8270SIM – 10FWAMW33-GWF – Terphenyl-d14 34%, lower than the LCL (50 – 135%).

Herbicides 8151: 2,4-Dichlorophenylacetic acid recovery in samples 10FWAMW33-GWF (306%), 10FWAMW06A-GWF (262%), 10FWAMW12-GWF (336%) and 10FWAMW37-GWF (408%) was above the UCL (40 – 135%). ND in samples, no qualifications.

Explosives: Nitrobenzene-d5 recovery in samples 10FWAMW33-GWF (31%) and dilutions (41%, -222%), 10FWAMW06A-GWF dilution (-58%), 10FWAMW12-GWA dilution (-8%) and 10FWAMW-12-GWBA dilution (-0.06 %) was below the laboratory LCL (48 – 130%). Diluted samples analyzed at 1:5 or greater, no qualifications 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:

All SW8270SIM results in sample 10FWAMW33-GWF were not qualified due to the low terphenyl-d14 recovery because qualification is only necessary when more than one surrogate fails recovery for method SW8270SIM. Also, qualification is not necessary if the sample dilution is greater the 5. In this case the sample was diluted 10 times.

The non-detect explosive results for 1,3,5-trinitrobenzene, 1,3-dinitrobenzene, 2-amino-4,6-dinitrotoluene, 4-amino-2,6-dinitrotoluene, tetryl and nitrobenzene in sample 10FWAMW33-GWF were qualified as estimated with a possible low bias (coded "JS-") due to a low surrogate recovery.

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

Comments:

Data usable as reported with qualifications.

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 their respective PQLs. 10FWATB05-GWF: VOCLL – 1,1-DCE 0.000030 J mg/L

iv. If above PQL, what samples are affected?

Comments:

Results not above PQL; all results less than 5 times the respective trip blank value were qualified with a "B" indicating that they may be false positives.

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

Comments:

Data usable as reported; "B" qualified results may be false positives.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One set of field duplicate samples was submitted with this SDG (10FWAMW12-GWF/10FWAMW12-GWBF).

ii. Submitted blind to lab?

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

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:

RPD values for beta-BHC (84.2%) and gamma-BHC (56.0%) exceeded 30% RPD. Results were qualified as estimated (coded "JD") and may indicate sample inhomogeneity. In this case, the high RPD is likely due to matrix impacts and the likely false positive results for the these pesticides due to the fuel in the samples. All other RPD values for results greater than their respective PQLs were less than 30%.

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

Comments:

No – Data usable as reported.

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

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

Dedicated sampling equipment used to collect samples.

i. All results less than PQL?

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

Equipment blanks not submitted with SDG.

ii. If above PQL, what samples are affected?

Comments:

Not applicable

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

Comments:

Not applicable

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

a. Defined and appropriate?

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

Calibration outliers:
VOC – CCV for batch 580-75386: Acetone %D +103%; 2-Butanone +54.4%; 2-hexanone +28.4%. Acetone, 2-butanone and 2-hexanone not detected in the sample associated with this batch; qualifications not required.

VOC – CCV for batch 580-75490: Acetone %D +51.2%. Detected results qualified as estimated with a possible high bias (coded "JC+").

Instrument Tune Issues:

The tune for VOCLL batch 580-75522 shows a 94.83% relative abundance for m/z 176, failing the 95- 101% method criteria. The abundance actually meets the method criteria, and the reported value is a result of a rounding precision error.

All Data Qualifiers are defined in the project Data Quality Assessment

ATTACHMENT B-4

Laboratory Deliverables

(Provided as electronic files separately on CD)

APPENDIX C

Deep Water Wells Data Quality Assessment

2010 FORMER COMMUNICATIONS SITE GROUNDWATER MONITORING REPORT FORT WAINWRIGHT, ALASKA

Appendix C
Deep Water Wells
Data Quality Assessment

FINAL

FEBRUARY 2012

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Attachment C-2 ADEC Laboratory Data Review Checklists
Attachment C-3 Laboratory Deliverables (on CD)

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ACRONYMS AND ABBREVIATIONS

ADEC	Alaska Department of Environmental Conservation
DoD	U.S. Department of Defense
DQA	Data Quality Assessment
Jacobs	Jacobs Engineering Group Inc.
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
LOD	limit of detection
LOQ	limit of quantitation
DL	detection limit
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MS	matrix spike
MSD	matrix spike duplicate
PCE	tetrachloroethene
RRO	residual-range organics
USACE	U.S. Army Corps of Engineers

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1.0 INTRODUCTION

This Data Quality Assessment (DQA) evaluates the overall quality and usability of the data from the 2010 Taku Gardens Deep Water Well installation and sampling. TestAmerica of Tacoma, Washington provided primary analytical support for this project. TestAmerica of West Sacramento, California provided analytical support for explosives analysis by Method SW8330.

Jacobs Engineering Group Inc. (Jacobs) performed the DQA and completed Alaska Department of Environmental Conservation (ADEC) Laboratory Data Review Checklists for the records associated with the analytical data in accordance with the *Taku Gardens Groundwater Monitoring Work Plan Addendum* (U.S. Army Corps of Engineers [USACE] 2010a). Analytical data and the sample summary table are included in Attachment C-1. Complete details of the evaluation are provided in the ADEC Laboratory Data Review Checklists (Attachment C-2). Laboratory deliverables are provided electronically on CD only (Attachment C-3).

1.1 DATA REVIEW AND QUALIFICATION

All analytical data were reviewed by the Jacobs Project Chemist. This evaluation consisted of a review of chain-of-custody and sample receipt records, laboratory case narratives, and laboratory data including analytical methodology, sample holding times, and analytical results (including quality control samples). Analytical results were evaluated against data quality objectives specified in the *Fort Wainwright Post Wide Work Plan* (USACE 2010c), the Department of Defense (DoD) *Quality Systems Manual for Environmental Laboratories* version 4.2 (DoD 2010), analytical methods (ADEC 2002; U.S. Environmental Protection Agency 1996), and laboratory limits.

Data quality objectives 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 2010c). If a result or recovery fell outside the control limits, a qualifier code was applied to that datum. Qualified results are considered

estimated and, whenever possible, indicated as either biased high (+) or low (–). The following data qualifiers were applicable to the 2010 Taku Gardens Deep Water Wells sampling data:

B The analyte was detected in the method blank or the trip blank above the detection limit (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).

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

JL+ The result was an estimated value because the analyte failed recovery criteria in the laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) or both. The result was biased high because the LCS and/or LCSD recovery exceeded the upper control limit.

JM(±) The result was an estimated value because the analyte failed recovery criteria in the matrix spike (MS) or matrix spike 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. The JM+ result was biased high due to high spike recovery in the MS and/or MSD. The JM- result was biased low due to low recovery in the MS and/or MSD.

1.2 DATA QUALITY SUMMARY

In general, the overall quality of the project data was acceptable and no data were rejected. The following issues were identified during the data quality review and assessment:

- Numerous limits of detection (LOD) and DL for nondetect results exceeded the ADEC cleanup levels for SW8260B, SW8270C, and SW8330 analytes. Tables listing these results are included in the associated ADEC Laboratory Data Review Checklists (Attachment C-2). In general, the following analytes had DLs or LODs that exceeded the cleanup level: 1,2-dibromoethane, 1,2,3-trichloropropane, chloromethane, dibromochloromethane, methylene chloride, 2,4-dinitrotoluene, bis-(2-chloroethyl)ether, n-nitrosodi-n-propylamine, n-nitrosodimethylamine, 1,3-dinitrobenzene, 2,6-dinitrotoluene, 2-amino-4,6-dinitrotoluene, and hexahydro-1,3,5-trinitro-1,3,5-triazine.
- 1,2,3-Trichloropropane in groundwater is the contaminant of concern for this project. The LOD exceeded the ADEC cleanup level for nondetect results for wastewater sample 10-FWA-DMW-WW01 and trip blank 10-FWA-DMW-TB01, which were not supported by SW8260C SIM analysis. No groundwater samples were affected. Therefore, there was no effect on the data quality or usability.

- Although not above one-half the LOQ, SW8260L groundwater method blank 74189-16 had a detection of tetrachloroethene (PCE) above the DL. All groundwater sample results and the associated trip blank have detections of PCE consistent with the level detected in the method blank. Samples 10-FWA-TAKU-WG-DMW1, 10-FWA-TAKU-WG-DMW2, 10-FWA-TAKU-WG-DMW3, and 10-FWA-DMW-TB01 have been qualified B due to method blank/trip blank contamination. Based on these results, PCE detections are likely the result of laboratory contamination.

Several analytes had LCS and/or LCSD recoveries that exceeded control limits. In most cases, no data flag was required because the LCS/LCSD recovery exceeded the upper control limit and the associated sample results were nondetect. One residual-range organics (RRO) result of 0.17 milligrams per liter (mg/L) for sample 10-FWA-DMW-WW01 was qualified JL+ due to high recovery of RRO in the LCS. As this indicates a high bias and the result was less than the ADEC cleanup level of 1.1 mg/L; there was no effect on the data usability.

Several analytes had MS and/or MSD recoveries that exceeded control limits. In most cases, no data flag was required because the MS/MSD recovery exceeded the upper control limit and the associated sample results were nondetect. One mercury result of 0.029 milligrams per kilogram (mg/kg) for sample 10FWA-DMW2-SO-C02 was qualified JM+ due to high recovery of mercury in the MS and MSD. As this indicated a high bias and the result was less than the ADEC cleanup level of 1.4 mg/kg, there was no effect on the data usability. One nondetect 3,3'-dichlorobenzidine result for sample 10-FWA-DMW-WW01 was qualified JM- due to low recovery in the MS and MSD. Matrix interference was indicated based on acceptable LCS recovery.

The methylene chloride result for soil sample 10FWA-DMW1-SO-C01 was 0.017 mg/kg, which exceeded the ADEC cleanup level of 0.016 mg/kg. All other methylene chloride results for field samples were nondetect. Based on detections of methylene chloride in a method blank, two soil trip blanks, and one water trip blank, the methylene chloride detected in sample 10FWA-DMW1-SO-C01 was likely the result of laboratory contamination.

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2.0 CONCLUSION

In general, the quality of project data was considered acceptable. No data were rejected, and the required duplicate frequency was met for each matrix, method, and analyte. Qualified data were considered usable with the limitations discussed above and in detail in the ADEC checklists (Attachment C-2).

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3.0 REFERENCES

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

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

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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). 2010a (August). *Installation of Deep Groundwater Monitoring Wells Work Plan Addendum.* Draft. Fort Wainwright, Alaska. Prepared by Jacobs Engineering Group Inc.

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

USACE. 2010c (May). *2010 Fort Wainwright Post Wide Work Plan*. Draft. Fort Wainwright, Alaska. Prepared by Jacobs Engineering Group Inc.

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ATTACHMENT C-1

Sample Summary and Analytical Data Tables

Taku Gardens Deep Groundwater Monitoring Wells Installation
Sample Summary

CoC ID	Cooler ID	Sample ID	LOCID	DATE	TIME	SAMPLER	QTY	CONTAINER	PRESERVATION	MATRIX	ANALYTICAL METHOD	QC	TAT	DEPTH (ft)	LAB	SDG
2010FWATaku076	Roadrunner	10FWA-DMW1-SO-C01	DMW1-C01	9/10/2010	825	JY/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260		14 Day	Test pit	TATW	580-21664
2010FWATaku076	Roadrunner	10FWA-DMW1-SO-C01	DMW1-C01	9/10/2010	825	JY/CJ	1	8-oz. amber, TLC	4°C	SO	AK102/103, SW8270, SW6020/7471, SW8082, SW8330		14 Day	Test pit	TATW TAWS	580-21664
2010FWATaku076	Roadrunner	10FWA-DMW2-SO-C02	DMW2-C02	9/10/2010	850	JY/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260	MS/D	14 Day	Test pit	TATW	580-21664
2010FWATaku076	Roadrunner	10FWA-DMW2-SO-C02	DMW2-C02	9/10/2010	850	JY/CJ	2	8-oz. amber, TLC	4°C	SO	AK102/103, SW8270, SW6020/7471, SW8082, SW8330	MS/D	14 Day	Test pit	TATW TAWS	580-21664
2010FWATaku076	Roadrunner	10FWA-DMW-SO-TB01	DMW-TB01	9/10/2010	825	JY/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260	TB	14 Day	-	TATW	580-21664
2010FWATaku079	Shaky Face Pant	10FWA-DMW2-SO-C03	DMW2-C03	9/28/2010	1509	MD/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260		14 Day	13	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW2-SO-C03	DMW2-C03	9/28/2010	1509	MD/CJ	1	8-oz. amber, TLC	4°C	SO	AK102/103, SW8270, SW6020/7471, SW8082		14 Day	13	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW2-SO-C03	DMW2-C03	9/28/2010	1509	MD/CJ	1	4-oz. amber glass, TLC	4°C	SO	SW8330		14 Day	13	TAWS	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW2-SO-C04	DMW2-C04	9/28/2010	1523	MD/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260		14 Day	7-9	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW2-SO-C04	DMW2-C04	9/28/2010	1523	MD/CJ	1	8-oz. amber, TLC	4°C	SO	AK102/103, SW8270, SW6020/7471, SW8082		14 Day	7-9	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW2-SO-C04	DMW2-C04	9/28/2010	1523	MD/CJ	1	4-oz. amber glass, TLC	4°C	SO	SW8330		14 Day	7-9	TAWS	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C05	DMW1-C05	9/30/2010	1448	MD/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260		14 Day	10-12	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C05	DMW1-C05	9/30/2010	1448	MD/CJ	2	8-oz. amber, TLC	4°C	SO	AK102/103, SW8270, SW6020/7471, SW8082, TOC		14 Day	10-12	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C05	DMW1-C05	9/30/2010	1448	MD/CJ	1	4-oz. amber glass, TLC	4°C	SO	SW8330		14 Day	10-12	TAWS	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C06	DMW1-C06	9/30/2010	1448	MD/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260	DUP MS/D	14 Day	10-12	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C06	DMW1-C06	9/30/2010	1448	MD/CJ	2	8-oz. amber, TLC	4°C	SO	AK102/103, SW8270, SW6020/7471, SW8082	DUP MS/D	14 Day	10-12	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C06	DMW1-C06	9/30/2010	1448	MD/CJ	2	4-oz. amber glass, TLC	4°C	SO	SW8330	DUP MS/D	14 Day	10-12	TAWS	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C07	DMW1-C07	9/30/2010	1500	MD/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260		14 Day	13.5-15.5	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C07	DMW1-C07	9/30/2010	1500	MD/CJ	2	8-oz. amber, TLC	4°C	SO	AK102/103, SW8270, SW6020/7471, SW8082, TOC		14 Day	13.5-15.5	TATW	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW1-SO-C07	DMW1-C07	9/30/2010	1500	MD/CJ	1	4-oz. amber glass, TLC	4°C	SO	SW8330		14 Day	13.5-15.5	TAWS	580-21981
2010FWATaku079	Shaky Face Pant	10FWA-DMW-SO-TB02	DMW-TB02	9/28/2010	825	MD/CJ	1	4-oz. amber glass, TLS	4°C, MeOH	SO	AK101, SW8260	TB	14 Day	-	TATW	580-21981
2010FWATaku081	Bwrawr	10FWA-DMW-WW01	Taku DMW	10/9/2010	945	JY/CJ	8	1L amber, TLC	4°C	WW	SW8081, SW8082, SW8330, SW8270, SW8151	MS/D	30 Day	-	TATW TAWS	580-22143
2010FWATaku082	Bwroo?	10FWA-DMW-WW01	Taku DMW	10/9/2010	945	JY/CJ	8	1L amber, TLC	4°C	WW	SW8081, SW8082, SW8330, SW8270, SW8151	MS/D	30 Day	-	TATW TAWS	580-22143
2010FWATaku083	Buh-ruhnuh	10FWA-DMW-WW01	Taku DMW	10/9/2010	945	JY/CJ	18	1L amber, TLC	4°C	WW	SW8081, SW8082, SW8330, SW8270, SW8151	MS/D	30 Day	-	TATW TAWS	580-22143
2010FWATaku083	Buh-ruhnuh	10FWA-DMW-WW01	Taku DMW	10/9/2010	945	JY/CJ	4	1L amber, TLC	4°C, HCl	WW	AK102/103	MS/D	30 Day	-	TATW	580-22143
2010FWATaku083	Buh-ruhnuh	10FWA-DMW-WW01	Taku DMW	10/9/2010	945	JY/CJ	1	500-mL poly	4°C, HNO3	WW	SW6020/7471	MS/D	30 Day	-	TATW	580-22143
2010FWATaku083	Buh-ruhnuh	10FWA-DMW-WW01	Taku DMW	10/9/2010	945	JY/CJ	12	40-mL VOA vial	4°C, HCl	WW	AK101/SW8260	MS/D	30 Day	-	TATW	580-22143
2010FWATaku083	Buh-ruhnuh	10FWA-TAKU-WG-DMW1	DMW1	10/9/2010	1300	JY/CJ	3	40-mL VOA vial	4°C, HCl	WG	SW8260SIM		30 Day	-	TATW	580-22143
2010FWATaku083	Buh-ruhnuh	10FWA-TAKU-WG-DMW2	DMW2	10/9/2010	1230	JY/CJ	3	40-mL VOA vial	4°C, HCl	WG	SW8260SIM		30 Day	-	TATW	580-22143
2010FWATaku083	Buh-ruhnuh	10FWA-TAKU-WG-DMW2B	DMW2	10/9/2010	1230	JY/CJ	3	40-mL VOA vial	4°C, HCl	WG	SW8260SIM	DUP	30 Day	-	TATW	580-22143
2010FWATaku083	Buh-ruhnuh	10FWA-DMW-TB01	DMW	10/9/2010	800	JY/CJ	12	40-mL VOA vial	4°C, HCl	WW	AK101/SW8260	TB	30 Day	-	TATW	580-22143

2010 Taku Gardens Deep Monitoring Wells
Test Pit Results

				Loc ID	DMW1-C01	DMW1-C01	DMW2-C02	DMW2-C02	DMW-TB01
				Sample ID	10FWA-DMW1-SO-C01	10FWA-DMW1-SO-C01	10FWA-DMW2-SO-C02	10FWA-DMW2-SO-C02	10FWA-DMW-SO-TB01
				Lab Sample ID	21664-1	G0I220617001	21664-2	G0I220617002	21664-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/10/2010	9/10/2010	9/10/2010	9/10/2010	9/10/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
AK101	Gasoline-Range Organics (C6-C10)		mg/kg	300	2.4 [5] J	-	0.66 [2.8] J	-	0.67 [4] J
AK102	Diesel-Range Organics (C10-C25)		mg/kg	250	6 [23] J	-	4.8 [23] J	-	-
AK103	Residual-Range Organics (C25-C36)		mg/kg	10000*	30 [56] J	-	ND [57]	-	-
SW6020	Arsenic	7440-38-2	mg/kg	3.9	14 [0.19]	-	12 [0.19]	-	-
SW6020	Barium	7440-39-3	mg/kg	1100	120 [0.19]	-	110 [0.19]	-	-
SW6020	Cadmium	7440-43-9	mg/kg	5	0.26 [0.19]	-	0.24 [0.19]	-	-
SW6020	Chromium	7440-47-3	mg/kg	25	18 [0.19]	-	17 [0.19]	-	-
SW6020	Lead	7439-92-1	mg/kg	400	11 [0.19]	-	9 [0.19]	-	-
SW6020	Selenium	7782-49-2	mg/kg	3.4	0.3 [0.48] J	-	0.37 [0.48] J	-	-
SW6020	Silver	7440-22-4	mg/kg	11.2	0.076 [0.19] J	-	0.077 [0.19] J	-	-
SW7471A	Mercury	7439-97-6	mg/kg	1.4	0.05 [0.015]	-	0.029 [0.021] JM+	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	1	ND [0.011]	-	ND [0.011]	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	1	ND [0.011]	-	ND [0.011]	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	1	ND [0.011]	-	ND [0.011]	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	1	ND [0.011]	-	ND [0.011]	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	1	ND [0.011]	-	ND [0.011]	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	1	ND [0.011]	-	ND [0.011]	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	1	ND [0.011]	-	ND [0.011]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	0.82	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.017	ND [0.013]	-	ND [0.007]	-	ND [0.01]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	0.018	ND [0.015]	-	ND [0.0084]	-	ND [0.012]
SW8260B	1,1-Dichloroethane	75-34-3	mg/kg	25	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,1-Dichloroethene	75-35-4	mg/kg	0.03	ND [0.025]	-	ND [0.014]	-	ND [0.02]
SW8260B	1,1-Dichloropropene	563-58-6	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,2,3-Trichlorobenzene	87-61-6	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/kg	0.00053	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/kg	23	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/kg		ND [0.25]	-	ND [0.14]	-	ND [0.2]
SW8260B	1,2-Dibromoethane	106-93-4	mg/kg	0.00016	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,2-Dichloroethane	107-06-2	mg/kg	0.016	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,2-Dichloropropane	78-87-5	mg/kg	0.018	ND [0.015]	-	ND [0.0084]	-	ND [0.012]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/kg	23	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	28	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,3-Dichloropropane	142-28-9	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	2,2-Dichloropropane	594-20-7	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	2-Butanone	78-93-3	mg/kg	59	ND [0.5]	-	ND [0.28]	-	ND [0.4]
SW8260B	2-Chlorotoluene	95-49-8	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	2-Hexanone	591-78-6	mg/kg	-	ND [0.25]	-	ND [0.14]	-	ND [0.2]
SW8260B	4-Chlorotoluene	106-43-4	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	4-Isopropyltoluene	99-87-6	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/kg	8.1	ND [0.25]	-	ND [0.14]	-	ND [0.2]
SW8260B	Acetone	67-64-1	mg/kg	88	ND [0.5]	-	ND [0.28]	-	ND [0.4]
SW8260B	Benzene	71-43-2	mg/kg	0.025	ND [0.02]	-	ND [0.011]	-	ND [0.016]

2010 Taku Gardens Deep Monitoring Wells
Test Pit Results

				Loc ID	DMW1-C01	DMW1-C01	DMW2-C02	DMW2-C02	DMW-TB01
				Sample ID	10FWA-DMW1-SO-C01	10FWA-DMW1-SO-C01	10FWA-DMW2-SO-C02	10FWA-DMW2-SO-C02	10FWA-DMW-SO-TB01
				Lab Sample ID	21664-1	G0I220617001	21664-2	G0I220617002	21664-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/10/2010	9/10/2010	9/10/2010	9/10/2010	9/10/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8260B	Bromobenzene	108-86-1	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Bromochloromethane	74-97-5	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Bromodichloromethane	75-27-4	mg/kg	0.044	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Bromoform	75-25-2	mg/kg	0.34	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Bromomethane	74-83-9	mg/kg	0.16	ND [0.18]	-	ND [0.098]	-	ND [0.14]
SW8260B	Carbon disulfide	75-15-0	mg/kg	12	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Carbon tetrachloride	56-23-5	mg/kg	0.023	ND [0.025]	-	ND [0.014]	-	ND [0.02]
SW8260B	Chlorobenzene	108-90-7	mg/kg	0.63	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Chloroethane	75-00-3	mg/kg	23*	ND [0.5]	-	ND [0.28]	-	ND [0.4]
SW8260B	Chloroform	67-66-3	mg/kg	0.46	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Chloromethane	74-87-3	mg/kg	0.21	ND [0.5]	-	ND [0.28]	-	ND [0.4]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	0.24	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	-	ND [0.02]	-	ND [0.011]	-	ND [0.016]
SW8260B	Dibromochloromethane	124-48-1	mg/kg	0.032	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Dibromomethane	74-95-3	mg/kg	1.1	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/kg	140	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Ethylbenzene	100-41-4	mg/kg	6.9	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Hexachlorobutadiene	87-68-3	mg/kg	-	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Isopropylbenzene	98-82-8	mg/kg	51	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Methylene chloride	75-09-2	mg/kg	0.016	0.017 [0.05] J	-	ND [0.028]	-	0.016 [0.04] J
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/kg	1.3	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Naphthalene	91-20-3	mg/kg	20	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	n-Butanol	71-36-3	mg/kg	9.8		-		-	-
SW8260B	n-Butylbenzene	104-51-8	mg/kg	15	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	n-Propylbenzene	103-65-1	mg/kg	15	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	o-Xylene	95-47-6	mg/kg	63	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	sec-Butylbenzene	135-98-8	mg/kg	12	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Styrene	100-42-5	mg/kg	0.96	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	tert-Butylbenzene	98-06-6	mg/kg	12	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/kg	0.024	ND [0.025]	-	ND [0.014]	-	ND [0.02]
SW8260B	Toluene	108-88-3	mg/kg	6.5	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	0.37	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	-	ND [0.02]	-	ND [0.011]	-	ND [0.016]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/kg	0.02	ND [0.02]	-	ND [0.011]	-	ND [0.016]
SW8260B	Trichlorofluoromethane	75-69-4	mg/kg	86	0.025 [0.05] J	-	0.0079 [0.028] J	-	0.011 [0.04] J
SW8260B	Vinyl acetate	108-05-4	mg/kg	100		-	-	-	-
SW8260B	Vinyl chloride	75-01-4	mg/kg	0.0085	ND [0.01]	-	ND [0.0056]	-	ND [0.008]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/kg	63	ND [0.05]	-	ND [0.028]	-	ND [0.04]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	ND [0.054]	-	ND [0.056]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	ND [0.06]	-	ND [0.061]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/kg	28	ND [0.054]	-	ND [0.056]	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	ND [0.054]	-	ND [0.056]	-	-
SW8270	1-Methylnaphthalene	90-12-0	mg/kg	6.2	ND [0.033]	-	ND [0.033]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/kg	67	ND [0.11]	-	ND [0.11]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/kg	1.4	ND [0.16]	-	ND [0.17]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/kg	1.3	ND [0.11]	-	ND [0.11]	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/kg	8.8	ND [0.11]	-	ND [0.11]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/kg	0.54	ND [1.1]	-	ND [1.1]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	ND [0.11]	-	ND [0.11]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	ND [0.11]	-	ND [0.11]	-	-

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Test Pit Results

				Loc ID	DMW1-C01	DMW1-C01	DMW2-C02	DMW2-C02	DMW-TB01
				Sample ID	10FWA-DMW1-SO-C01	10FWA-DMW1-SO-C01	10FWA-DMW2-SO-C02	10FWA-DMW2-SO-C02	10FWA-DMW-SO-TB01
				Lab Sample ID	21664-1	G0I220617001	21664-2	G0I220617002	21664-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/10/2010	9/10/2010	9/10/2010	9/10/2010	9/10/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8270	2-Chloronaphthalene	91-58-7	mg/kg	120	ND [0.022]	-	ND [0.022]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/kg	1.5	ND [0.11]	-	ND [0.11]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/kg	-	ND [1.1]	-	ND [1.1]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/kg	6.1	ND [0.022]	-	ND [0.022]	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/kg	15	ND [0.11]	-	ND [0.11]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/kg	-	ND [0.11]	-	ND [0.11]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/kg	-	ND [0.11]	-	ND [0.11]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/kg	0.19	ND [0.22]	-	ND [0.22]	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution	106-44-5	mg/kg	1.5	ND [0.22]	-	ND [0.22]	-	-
SW8270	3-Nitroaniline	99-09-2	mg/kg	-	ND [0.11]	-	ND [0.11]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/kg	-	ND [0.11]	-	ND [0.11]	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/kg	-	ND [0.11]	-	ND [0.11]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/kg	0.057	ND [0.11]	-	ND [0.11]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	-	ND [0.11]	-	ND [0.11]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/kg	-	ND [0.11]	-	ND [0.11]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/kg	-	ND [1.1]	-	ND [1.1]	-	-
SW8270	Acenaphthene	83-32-9	mg/kg	180	ND [0.022]	-	ND [0.022]	-	-
SW8270	Acenaphthylene	208-96-8	mg/kg	180	ND [0.022]	-	ND [0.022]	-	-
SW8270	Anthracene	120-12-7	mg/kg	3000	ND [0.022]	-	ND [0.022]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/kg	3.6	0.0048 [0.022] J	-	ND [0.022]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/kg	0.49*	ND [0.033]	-	ND [0.033]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/kg	4.9*	ND [0.022]	-	ND [0.022]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/kg	1400*	ND [0.027]	-	ND [0.028]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/kg	49*	ND [0.027]	-	ND [0.028]	-	-
SW8270	Benzoic acid	65-85-0	mg/kg	410	ND [2.7]	-	ND [2.8]	-	-
SW8270	Benzyl alcohol	100-51-6	mg/kg	-	0.016 [0.11] J	-	ND [0.11]	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/kg	920	ND [0.22]	-	ND [0.22]	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/kg	-	ND [0.11]	-	ND [0.11]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/kg	0.0022	ND [0.11]	-	ND [0.11]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/kg	-	ND [0.27]	-	ND [0.28]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/kg	13	ND [1.6]	-	ND [1.7]	-	-
SW8270	Carbazole	86-74-8	mg/kg	6.5	ND [0.11]	-	ND [0.11]	-	-
SW8270	Chrysene	218-01-9	mg/kg	360	ND [0.027]	-	0.0041 [0.028] J	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.49*	ND [0.043]	-	ND [0.044]	-	-
SW8270	Dibenzofuran	132-64-9	mg/kg	11	ND [0.11]	-	ND [0.11]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/kg	130	ND [0.22]	-	ND [0.22]	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/kg	1100	ND [0.11]	-	ND [0.11]	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/kg	80	ND [0.54]	-	ND [0.56]	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/kg	3100*	ND [0.54]	-	ND [0.56]	-	-
SW8270	Fluoranthene	206-44-0	mg/kg	1400	ND [0.022]	-	ND [0.022]	-	-
SW8270	Fluorene	86-73-7	mg/kg	220	ND [0.022]	-	ND [0.022]	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/kg	0.047	ND [0.054]	-	ND [0.056]	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/kg	0.12	ND [0.054]	-	ND [0.056]	-	-
SW8270	Hexachlorocyclopentadiene	77-47-4	mg/kg	1.3	ND [0.11]	-	ND [0.11]	-	-
SW8270	Hexachloroethane	67-72-1	mg/kg	0.21	ND [0.11]	-	ND [0.11]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	4.9*	ND [0.043]	-	ND [0.044]	-	-
SW8270	Isophorone	78-59-1	mg/kg	3.1	ND [0.11]	-	ND [0.11]	-	-
SW8270	Naphthalene	91-20-3	mg/kg	20	ND [0.022]	-	ND [0.022]	-	-
SW8270	Nitrobenzene	98-95-3	mg/kg	0.094	ND [0.11]	-	ND [0.11]	-	-

2010 Taku Gardens Deep Monitoring Wells
Test Pit Results

				Loc ID	DMW1-C01	DMW1-C01	DMW2-C02	DMW2-C02	DMW-TB01
				Sample ID	10FWA-DMW1-SO-C01	10FWA-DMW1-SO-C01	10FWA-DMW2-SO-C02	10FWA-DMW2-SO-C02	10FWA-DMW-SO-TB01
				Lab Sample ID	21664-1	G0I220617001	21664-2	G0I220617002	21664-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/10/2010	9/10/2010	9/10/2010	9/10/2010	9/10/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.0011	ND [0.11]	-	ND [0.11]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/kg	15	ND [0.054]	-	ND [0.056]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/kg	0.047	ND [0.22]	-	ND [0.22]	-	-
SW8270	Phenanthrene	85-01-8	mg/kg	3000	ND [0.022]	-	ND [0.022]	-	-
SW8270	Phenol	108-95-2	mg/kg	68	ND [0.11]	-	ND [0.11]	-	-
SW8270	Pyrene	129-00-0	mg/kg	1000	ND [0.022]	-	ND [0.022]	-	-
SW8270	Pyridine		mg/kg	-	-	-	-	-	-
SW8330	1,3,5-Trinitrobenzene	99-35-4	mg/kg	19	-	ND [0.25]	-	ND [0.25]	-
SW8330	1,3-Dinitrobenzene	99-65-0	mg/kg	0.02	-	ND [0.25]	-	ND [0.25]	-
SW8330	2,4,6-Trinitrotoluene	118-96-7	mg/kg	0.49	-	ND [0.25]	-	ND [0.25]	-
SW8330	2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	-	ND [0.25]	-	ND [0.25]	-
SW8330	2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	-	ND [0.25]	-	ND [0.25]	-
SW8330	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/kg	0.029	-	ND [0.25]	-	ND [0.25]	-
SW8330	2-Nitrotoluene	88-72-2	mg/kg	0.025	-	ND [0.25]	-	ND [0.25]	-
SW8330	3-Nitrotoluene	99-08-1	mg/kg	4.9	-	ND [0.25]	-	ND [0.25]	-
SW8330	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/kg	0.029	-	ND [0.25]	-	ND [0.25]	-
SW8330	4-Nitrotoluene	99-99-0	mg/kg	0.34	-	ND [0.25]	-	ND [0.25]	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/kg	0.04	-	ND [0.25]	-	ND [0.25]	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/kg	4.5	-	ND [0.25]	-	ND [0.25]	-
SW8330	Nitrobenzene	98-95-3	mg/kg	0.094	-	ND [0.25]	-	ND [0.25]	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/kg	49	-	ND [0.25]	-	ND [0.25]	-
SW9060	Total Organic Carbon (TOC)		mg/kg	-	-	-	-	-	-

Notes:

[1] 18 AAC 75, Tables B1 and B2, Migration to Groundwater except when noted (ADEC 2008)

* 18 AAC 75, Tables B1 and B2, Under 40 inch Direct Contact
(Chloroethane value is Outdoor Inhalation) (ADEC 2008)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

TATW - TestAmerica, Tacoma, Washington

TAWS - TestAmerica, West Sacramento, California

SO - Soil

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID	DMW2-C03	DMW2-C03	DMW2-C04	DMW2-C04	DMW1-C05
				Sample ID	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C04	10FWA-DMW2-SO-C04	10FWA-DMW1-SO-C05
				Lab Sample ID	21981-1	G0J050491001	21981-2	G0J050491002	21981-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/28/2010	9/28/2010	9/28/2010	9/28/2010	9/30/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
AK101	Gasoline Range Organics (C6-C10)		mg/kg	300	ND [5]	-	ND [4.4]	-	ND [7.2]
AK102	Diesel Range Organics (C10-C25)		mg/kg	250	ND [25]	-	21 [20]	-	6.1 [19] J
AK103	Residual Range Organics (C25-C36)		mg/kg	10000*	29 [62] J	-	50 [50]	-	26 [48] J
SW6020	Arsenic	7440-38-2	mg/kg	3.9	2.3 [0.17]	-	6.8 [0.18]	-	8.4 [0.19]
SW6020	Barium	7440-39-3	mg/kg	1100	40 [0.17]	-	56 [0.88]	-	77 [0.96]
SW6020	Cadmium	7440-43-9	mg/kg	5	0.11 [0.17] J	-	0.097 [0.18] J	-	0.21 [0.19]
SW6020	Chromium	7440-47-3	mg/kg	25	7.5 [0.17]	-	11 [0.18]	-	15 [0.19]
SW6020	Lead	7439-92-1	mg/kg	400	3.1 [0.17]	-	4 [0.18]	-	5.5 [0.19]
SW6020	Selenium	7782-49-2	mg/kg	3.4	0.056 [0.42] J	-	0.075 [0.44] J	-	0.17 [0.48] J
SW6020	Silver	7440-22-4	mg/kg	11.2	0.022 [0.17] J	-	0.028 [0.18] J	-	0.048 [0.19] J
SW7471A	Mercury	7439-97-6	mg/kg	1.4	0.0073 [0.017] J	-	0.01 [0.015] J	-	0.022 [0.016]
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	1	ND [0.012]	-	ND [0.0099]	-	ND [0.01]
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	1	ND [0.012]	-	ND [0.0099]	-	ND [0.01]
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	1	ND [0.012]	-	ND [0.0099]	-	ND [0.01]
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	1	ND [0.012]	-	ND [0.0099]	-	ND [0.01]
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	1	ND [0.012]	-	ND [0.0099]	-	ND [0.01]
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	1	ND [0.012]	-	ND [0.0099]	-	ND [0.01]
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	1	ND [0.012]	-	ND [0.0099]	-	ND [0.01]
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	0.82	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.017	ND [0.013]	-	ND [0.011]	-	ND [0.018]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	0.018	ND [0.015]	-	ND [0.013]	-	ND [0.022]
SW8260B	1,1-Dichloroethane	75-34-3	mg/kg	25	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,1-Dichloroethene	75-35-4	mg/kg	0.03	ND [0.025]	-	ND [0.022]	-	ND [0.036]
SW8260B	1,1-Dichloropropene	563-58-6	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,2,3-Trichlorobenzene	87-61-6	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/kg	0.00053	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/kg	23	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/kg		ND [0.25]	-	ND [0.22]	-	ND [0.36]

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID	DMW2-C03	DMW2-C03	DMW2-C04	DMW2-C04	DMW1-C05
				Sample ID	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C04	10FWA-DMW2-SO-C04	10FWA-DMW1-SO-C05
				Lab Sample ID	21981-1	G0J050491001	21981-2	G0J050491002	21981-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/28/2010	9/28/2010	9/28/2010	9/28/2010	9/30/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8260B	1,2-Dibromoethane	106-93-4	mg/kg	0.00016	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,2-Dichloroethane	107-06-2	mg/kg	0.016	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,2-Dichloropropane	78-87-5	mg/kg	0.018	ND [0.015]	-	ND [0.013]	-	ND [0.022]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/kg	23	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	28	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,3-Dichloropropane	142-28-9	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	2,2-Dichloropropane	594-20-7	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	2-Butanone	78-93-3	mg/kg	59	ND [0.5]	-	ND [0.44]	-	ND [0.72]
SW8260B	2-Chlorotoluene	95-49-8	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	2-Hexanone	591-78-6	mg/kg	-	ND [0.25]	-	ND [0.22]	-	ND [0.36]
SW8260B	4-Chlorotoluene	106-43-4	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	4-Isopropyltoluene	99-87-6	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/kg	8.1	ND [0.25]	-	ND [0.22]	-	ND [0.36]
SW8260B	Acetone	67-64-1	mg/kg	88	ND [0.5]	-	ND [0.44]	-	ND [0.72]
SW8260B	Benzene	71-43-2	mg/kg	0.025	ND [0.02]	-	ND [0.018]	-	ND [0.029]
SW8260B	Bromobenzene	108-86-1	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Bromochloromethane	74-97-5	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Bromodichloromethane	75-27-4	mg/kg	0.044	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Bromoform	75-25-2	mg/kg	0.34	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Bromomethane	74-83-9	mg/kg	0.16	ND [0.18]	-	ND [0.16]	-	ND [0.25]
SW8260B	Carbon disulfide	75-15-0	mg/kg	12	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Carbon tetrachloride	56-23-5	mg/kg	0.023	ND [0.025]	-	ND [0.022]	-	ND [0.036]
SW8260B	Chlorobenzene	108-90-7	mg/kg	0.63	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Chloroethane	75-00-3	mg/kg	23*	ND [0.5]	-	ND [0.44]	-	ND [0.72]
SW8260B	Chloroform	67-66-3	mg/kg	0.46	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Chloromethane	74-87-3	mg/kg	0.21	ND [0.5]	-	ND [0.44]	-	ND [0.72]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	0.24	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	-	ND [0.02]	-	ND [0.018]	-	ND [0.029]
SW8260B	Dibromochloromethane	124-48-1	mg/kg	0.032	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Dibromomethane	74-95-3	mg/kg	1.1	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/kg	140	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Ethylbenzene	100-41-4	mg/kg	6.9	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Hexachlorobutadiene	87-68-3	mg/kg	-	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Isopropylbenzene	98-82-8	mg/kg	51	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Methylene chloride	75-09-2	mg/kg	0.016	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/kg	1.3	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Naphthalene	91-20-3	mg/kg	20	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	n-Butanol	71-36-3	mg/kg	9.8	ND [5]	-	ND [4.4]	-	ND [7.2]
SW8260B	n-Butylbenzene	104-51-8	mg/kg	15	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	n-Propylbenzene	103-65-1	mg/kg	15	ND [0.05]	-	ND [0.044]	-	ND [0.072]

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID	DMW2-C03	DMW2-C03	DMW2-C04	DMW2-C04	DMW1-C05
				Sample ID	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C04	10FWA-DMW2-SO-C04	10FWA-DMW1-SO-C05
				Lab Sample ID	21981-1	G0J050491001	21981-2	G0J050491002	21981-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/28/2010	9/28/2010	9/28/2010	9/28/2010	9/30/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8260B	o-Xylene	95-47-6	mg/kg	63	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	sec-Butylbenzene	135-98-8	mg/kg	12	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Styrene	100-42-5	mg/kg	0.96	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	tert-Butylbenzene	98-06-6	mg/kg	12	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/kg	0.024	0.0075 [0.025] J	-	ND [0.022]	-	ND [0.036]
SW8260B	Toluene	108-88-3	mg/kg	6.5	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	0.37	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	-	ND [0.02]	-	ND [0.018]	-	ND [0.029]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/kg	0.02	ND [0.02]	-	ND [0.018]	-	ND [0.029]
SW8260B	Trichlorofluoromethane	75-69-4	mg/kg	86	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8260B	Vinyl acetate	108-05-4	mg/kg	100	ND [0.25]	-	ND [0.22]	-	ND [0.36]
SW8260B	Vinyl chloride	75-01-4	mg/kg	0.0085	ND [0.01]	-	ND [0.0089]	-	ND [0.014]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/kg	63	ND [0.05]	-	ND [0.044]	-	ND [0.072]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	ND [0.06]	-	ND [0.049]	-	ND [0.052]
SW8270	1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	ND [0.066]	-	ND [0.054]	-	ND [0.057]
SW8270	1,3-Dichlorobenzene	541-73-1	mg/kg	28	ND [0.06]	-	ND [0.049]	-	ND [0.052]
SW8270	1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	ND [0.06]	-	ND [0.049]	-	ND [0.052]
SW8270	1-Methylnaphthalene	90-12-0	mg/kg	6.2	ND [0.036]	-	ND [0.029]	-	ND [0.031]
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/kg	67	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/kg	1.4	ND [0.18]	-	ND [0.15]	-	ND [0.15]
SW8270	2,4-Dichlorophenol	120-83-2	mg/kg	1.3	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	2,4-Dimethylphenol	105-67-9	mg/kg	8.8	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	2,4-Dinitrophenol	51-28-5	mg/kg	0.54	ND [1.2]	-	ND [0.98]	-	ND [1]
SW8270	2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	2-Chloronaphthalene	91-58-7	mg/kg	120	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	2-Chlorophenol	95-57-8	mg/kg	1.5	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/kg	-	ND [1.2]	-	ND [0.98]	-	ND [1]
SW8270	2-Methylnaphthalene	91-57-6	mg/kg	6.1	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/kg	15	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	2-Nitroaniline	88-74-4	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	2-Nitrophenol	88-75-5	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/kg	0.19	ND [0.24]	-	ND [0.2]	-	ND [0.21]
SW8270	3-Methylphenol/4-Methylphenol Coelution	106-44-5	mg/kg	1.5	ND [0.24]	-	ND [0.2]	-	ND [0.21]
SW8270	3-Nitroaniline	99-09-2	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	4-Chloroaniline	106-47-8	mg/kg	0.057	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID	DMW2-C03	DMW2-C03	DMW2-C04	DMW2-C04	DMW1-C05
				Sample ID	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C04	10FWA-DMW2-SO-C04	10FWA-DMW1-SO-C05
				Lab Sample ID	21981-1	G0J050491001	21981-2	G0J050491002	21981-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/28/2010	9/28/2010	9/28/2010	9/28/2010	9/30/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8270	4-Nitroaniline	100-01-6	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	4-Nitrophenol	100-02-7	mg/kg	-	ND [1.2]	-	ND [0.98]	-	ND [1]
SW8270	Acenaphthene	83-32-9	mg/kg	180	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Acenaphthylene	208-96-8	mg/kg	180	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Anthracene	120-12-7	mg/kg	3000	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Benzo(a)anthracene	56-55-3	mg/kg	3.6	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Benzo(a)pyrene	50-32-8	mg/kg	0.49*	ND [0.036]	-	ND [0.029]	-	ND [0.031]
SW8270	Benzo(b)fluoranthene	205-99-2	mg/kg	4.9*	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/kg	1400*	ND [0.03]	-	ND [0.025]	-	ND [0.026]
SW8270	Benzo(k)fluoranthene	207-08-9	mg/kg	49*	ND [0.03]	-	ND [0.025]	-	ND [0.026]
SW8270	Benzoic acid	65-85-0	mg/kg	410	ND [3]	-	ND [2.5]	-	ND [2.6]
SW8270	Benzyl alcohol	100-51-6	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	Benzyl butyl phthalate	85-68-7	mg/kg	920	ND [0.24]	-	ND [0.2]	-	ND [0.21]
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/kg	-	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/kg	0.0022	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/kg	-	ND [0.3]	-	ND [0.25]	-	ND [0.26]
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/kg	13	ND [1.8]	-	0.055 [1.5] J	-	0.046 [1.5] J
SW8270	Carbazole	86-74-8	mg/kg	6.5	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	Chrysene	218-01-9	mg/kg	360	0.0024 [0.03] J	-	0.0045 [0.025] J	-	0.0024 [0.026] J
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.49*	ND [0.048]	-	ND [0.039]	-	ND [0.041]
SW8270	Dibenzofuran	132-64-9	mg/kg	11	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	Diethyl phthalate	84-66-2	mg/kg	130	ND [0.24]	-	ND [0.2]	-	ND [0.21]
SW8270	Dimethyl phthalate	131-11-3	mg/kg	1100	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	Di-n-butyl phthalate	84-74-2	mg/kg	80	ND [0.6]	-	ND [0.49]	-	ND [0.52]
SW8270	Di-n-octyl phthalate	117-84-0	mg/kg	3100*	ND [0.6]	-	0.0038 [0.49] J	-	ND [0.52]
SW8270	Fluoranthene	206-44-0	mg/kg	1400	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Fluorene	86-73-7	mg/kg	220	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Hexachlorobenzene	118-74-1	mg/kg	0.047	ND [0.06]	-	ND [0.049]	-	ND [0.052]
SW8270	Hexachlorobutadiene	87-68-3	mg/kg	0.12	ND [0.06]	-	ND [0.049]	-	ND [0.052]
SW8270	Hexachlorocyclopentadiene	77-47-4	mg/kg	1.3	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	Hexachloroethane	67-72-1	mg/kg	0.21	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	4.9*	ND [0.048]	-	ND [0.039]	-	ND [0.041]
SW8270	Isophorone	78-59-1	mg/kg	3.1	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	Naphthalene	91-20-3	mg/kg	20	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Nitrobenzene	98-95-3	mg/kg	0.094	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.0011	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/kg	15	ND [0.06]	-	ND [0.049]	-	ND [0.052]
SW8270	Pentachlorophenol	87-86-5	mg/kg	0.047	ND [0.24]	-	ND [0.2]	-	ND [0.21]
SW8270	Phenanthrene	85-01-8	mg/kg	3000	ND [0.024]	-	ND [0.02]	-	ND [0.021]

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID	DMW2-C03	DMW2-C03	DMW2-C04	DMW2-C04	DMW1-C05
				Sample ID	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C03	10FWA-DMW2-SO-C04	10FWA-DMW2-SO-C04	10FWA-DMW1-SO-C05
				Lab Sample ID	21981-1	G0J050491001	21981-2	G0J050491002	21981-3
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/28/2010	9/28/2010	9/28/2010	9/28/2010	9/30/2010
				Lab	TATW	TAWS	TATW	TAWS	TATW
				QA/QC	Primary	Primary	Primary	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8270	Phenol	108-95-2	mg/kg	68	ND [0.12]	-	ND [0.098]	-	ND [0.1]
SW8270	Pyrene	129-00-0	mg/kg	1000	ND [0.024]	-	ND [0.02]	-	ND [0.021]
SW8270	Pyridine		mg/kg	-	ND [1.2]	-	ND [0.98]	-	ND [1]
SW8330	1,3,5-Trinitrobenzene	99-35-4	mg/kg	19	-	ND [0.24]	-	ND [0.25]	-
SW8330	1,3-Dinitrobenzene	99-65-0	mg/kg	0.02	-	ND [0.24]	-	ND [0.25]	-
SW8330	2,4,6-Trinitrotoluene	118-96-7	mg/kg	0.49	-	ND [0.24]	-	ND [0.25]	-
SW8330	2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	-	ND [0.24]	-	ND [0.25]	-
SW8330	2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	-	ND [0.24]	-	ND [0.25]	-
SW8330	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/kg	0.029	-	ND [0.24]	-	ND [0.25]	-
SW8330	2-Nitrotoluene	88-72-2	mg/kg	0.025	-	ND [0.24]	-	ND [0.25]	-
SW8330	3-Nitrotoluene	99-08-1	mg/kg	4.9	-	ND [0.24]	-	ND [0.25]	-
SW8330	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/kg	0.029	-	ND [0.24]	-	ND [0.25]	-
SW8330	4-Nitrotoluene	99-99-0	mg/kg	0.34	-	ND [0.24]	-	ND [0.25]	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5 triazine	121-82-4	mg/kg	0.04	-	ND [0.24]	-	ND [0.25]	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/kg	4.5	-	ND [0.24]	-	ND [0.25]	-
SW8330	Nitrobenzene	98-95-3	mg/kg	0.094	-	ND [0.24]	-	ND [0.25]	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/kg	49	-	ND [0.24]	-	ND [0.25]	-
SW9060	Total Organic Carbon (TOC)		mg/kg	-	-	-	-	-	3100 [2000]

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008).

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

TATW - TestAmerica, Tacoma, Washington

TAWS - TestAmerica, West Sacramento, California

SO - Soil

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID	DMW1-C05	DMW1-C06	DMW1-C06	DMW1-C07	DMW1-C07
				Sample ID	10FWA-DMW1-SO-C05	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C07	10FWA-DMW1-SO-C07
				Lab Sample ID	G0J050491003	21981-4	G0J050491004	21981-5	G0J050491005
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010
				Lab	TAWS	TATW	TAWS	TATW	TAWS
				QA/QC	Primary	Duplicate	Duplicate	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
AK101	Gasoline Range Organics (C6-C10)		mg/kg	300	-	ND [5.4]	-	ND [4.4]	-
AK102	Diesel Range Organics (C10-C25)		mg/kg	250	-	4.9 [21] J	-	ND [25]	-
AK103	Residual Range Organics (C25-C36)		mg/kg	10000*	-	24 [51] J	-	19 [62] J	-
SW6020	Arsenic	7440-38-2	mg/kg	3.9	-	8.3 [0.16]	-	3.3 [0.17]	-
SW6020	Barium	7440-39-3	mg/kg	1100	-	88 [0.82]	-	58 [0.83]	-
SW6020	Cadmium	7440-43-9	mg/kg	5	-	0.18 [0.16]	-	0.11 [0.17] J	-
SW6020	Chromium	7440-47-3	mg/kg	25	-	17 [0.16]	-	10 [0.17]	-
SW6020	Lead	7439-92-1	mg/kg	400	-	6 [0.16]	-	3.3 [0.17]	-
SW6020	Selenium	7782-49-2	mg/kg	3.4	-	0.15 [0.41] J	-	0.061 [0.41] J	-
SW6020	Silver	7440-22-4	mg/kg	11.2	-	0.049 [0.16] J	-	0.026 [0.17] J	-
SW7471A	Mercury	7439-97-6	mg/kg	1.4	-	0.016 [0.017] J	-	0.0086 [0.014] J	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	1	-	ND [0.01]	-	ND [0.012]	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	1	-	ND [0.01]	-	ND [0.012]	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	1	-	ND [0.01]	-	ND [0.012]	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	1	-	ND [0.01]	-	ND [0.012]	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	1	-	ND [0.01]	-	ND [0.012]	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	1	-	ND [0.01]	-	ND [0.012]	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	1	-	ND [0.01]	-	ND [0.012]	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	0.82	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.017	-	ND [0.014]	-	ND [0.011]	-
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	0.018	-	ND [0.016]	-	ND [0.013]	-
SW8260B	1,1-Dichloroethane	75-34-3	mg/kg	25	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,1-Dichloroethene	75-35-4	mg/kg	0.03	-	ND [0.027]	-	ND [0.022]	-
SW8260B	1,1-Dichloropropene	563-58-6	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,2,3-Trichlorobenzene	87-61-6	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/kg	0.00053	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/kg	23	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/kg		-	ND [0.27]	-	ND [0.22]	-

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID	DMW1-C05	DMW1-C06	DMW1-C06	DMW1-C07	DMW1-C07
				Sample ID	10FWA-DMW1-SO-C05	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C07	10FWA-DMW1-SO-C07
				Lab Sample ID	G0J050491003	21981-4	G0J050491004	21981-5	G0J050491005
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010
				Lab	TAWS	TATW	TAWS	TATW	TAWS
				QA/QC	Primary	Duplicate	Duplicate	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8260B	1,2-Dibromoethane	106-93-4	mg/kg	0.00016	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,2-Dichloroethane	107-06-2	mg/kg	0.016	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,2-Dichloropropane	78-87-5	mg/kg	0.018	-	ND [0.016]	-	ND [0.013]	-
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/kg	23	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	28	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,3-Dichloropropane	142-28-9	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	-	ND [0.054]	-	ND [0.044]	-
SW8260B	2,2-Dichloropropane	594-20-7	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	2-Butanone	78-93-3	mg/kg	59	-	ND [0.54]	-	ND [0.44]	-
SW8260B	2-Chlorotoluene	95-49-8	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	2-Hexanone	591-78-6	mg/kg	-	-	ND [0.27]	-	ND [0.22]	-
SW8260B	4-Chlorotoluene	106-43-4	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	4-Isopropyltoluene	99-87-6	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/kg	8.1	-	ND [0.27]	-	ND [0.22]	-
SW8260B	Acetone	67-64-1	mg/kg	88	-	ND [0.54]	-	ND [0.44]	-
SW8260B	Benzene	71-43-2	mg/kg	0.025	-	ND [0.022]	-	ND [0.018]	-
SW8260B	Bromobenzene	108-86-1	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Bromochloromethane	74-97-5	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Bromodichloromethane	75-27-4	mg/kg	0.044	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Bromoform	75-25-2	mg/kg	0.34	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Bromomethane	74-83-9	mg/kg	0.16	-	ND [0.19]	-	ND [0.16]	-
SW8260B	Carbon disulfide	75-15-0	mg/kg	12	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Carbon tetrachloride	56-23-5	mg/kg	0.023	-	ND [0.027]	-	ND [0.022]	-
SW8260B	Chlorobenzene	108-90-7	mg/kg	0.63	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Chloroethane	75-00-3	mg/kg	23*	-	ND [0.54]	-	ND [0.44]	-
SW8260B	Chloroform	67-66-3	mg/kg	0.46	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Chloromethane	74-87-3	mg/kg	0.21	-	ND [0.54]	-	ND [0.44]	-
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	0.24	-	ND [0.054]	-	ND [0.044]	-
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	-	-	ND [0.022]	-	ND [0.018]	-
SW8260B	Dibromochloromethane	124-48-1	mg/kg	0.032	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Dibromomethane	74-95-3	mg/kg	1.1	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Dichlorodifluoromethane	75-71-8	mg/kg	140	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Ethylbenzene	100-41-4	mg/kg	6.9	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Hexachlorobutadiene	87-68-3	mg/kg	-	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Isopropylbenzene	98-82-8	mg/kg	51	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Methylene chloride	75-09-2	mg/kg	0.016	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/kg	1.3	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Naphthalene	91-20-3	mg/kg	20	-	ND [0.054]	-	ND [0.044]	-
SW8260B	n-Butanol	71-36-3	mg/kg	9.8	-	ND [5.4]	-	ND [4.4]	-
SW8260B	n-Butylbenzene	104-51-8	mg/kg	15	-	ND [0.054]	-	ND [0.044]	-
SW8260B	n-Propylbenzene	103-65-1	mg/kg	15	-	ND [0.054]	-	ND [0.044]	-

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID	DMW1-C05	DMW1-C06	DMW1-C06	DMW1-C07	DMW1-C07
				Sample ID	10FWA-DMW1-SO-C05	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C07	10FWA-DMW1-SO-C07
				Lab Sample ID	G0J050491003	21981-4	G0J050491004	21981-5	G0J050491005
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010
				Lab	TAWS	TATW	TAWS	TATW	TAWS
				QA/QC	Primary	Duplicate	Duplicate	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8260B	o-Xylene	95-47-6	mg/kg	63	-	ND [0.054]	-	ND [0.044]	-
SW8260B	sec-Butylbenzene	135-98-8	mg/kg	12	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Styrene	100-42-5	mg/kg	0.96	-	ND [0.054]	-	ND [0.044]	-
SW8260B	tert-Butylbenzene	98-06-6	mg/kg	12	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/kg	0.024	-	ND [0.027]	-	ND [0.022]	-
SW8260B	Toluene	108-88-3	mg/kg	6.5	-	ND [0.054]	-	ND [0.044]	-
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	0.37	-	ND [0.054]	-	ND [0.044]	-
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	-	-	ND [0.022]	-	ND [0.018]	-
SW8260B	Trichloroethene (TCE)	79-01-6	mg/kg	0.02	-	ND [0.022]	-	ND [0.018]	-
SW8260B	Trichlorofluoromethane	75-69-4	mg/kg	86	-	ND [0.054]	-	ND [0.044]	-
SW8260B	Vinyl acetate	108-05-4	mg/kg	100	-	ND [0.27]	-	ND [0.22]	-
SW8260B	Vinyl chloride	75-01-4	mg/kg	0.0085	-	ND [0.011]	-	ND [0.0089]	-
SW8260B	Xylene, Isomers m & p	108-38-2	mg/kg	63	-	ND [0.054]	-	ND [0.044]	-
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	-	ND [0.052]	-	ND [0.061]	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	-	ND [0.057]	-	ND [0.067]	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/kg	28	-	ND [0.052]	-	ND [0.061]	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	-	ND [0.052]	-	ND [0.061]	-
SW8270	1-Methylnaphthalene	90-12-0	mg/kg	6.2	-	ND [0.031]	-	ND [0.037]	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/kg	67	-	ND [0.1]	-	ND [0.12]	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/kg	1.4	-	ND [0.16]	-	ND [0.18]	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/kg	1.3	-	ND [0.1]	-	ND [0.12]	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/kg	8.8	-	ND [0.1]	-	ND [0.12]	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/kg	0.54	-	ND [1]	-	ND [1.2]	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	-	ND [0.1]	-	ND [0.12]	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	-	ND [0.1]	-	ND [0.12]	-
SW8270	2-Chloronaphthalene	91-58-7	mg/kg	120	-	ND [0.021]	-	ND [0.024]	-
SW8270	2-Chlorophenol	95-57-8	mg/kg	1.5	-	ND [0.1]	-	ND [0.12]	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/kg	-	-	ND [1]	-	ND [1.2]	-
SW8270	2-Methylnaphthalene	91-57-6	mg/kg	6.1	-	ND [0.021]	-	ND [0.024]	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/kg	15	-	ND [0.1]	-	ND [0.12]	-
SW8270	2-Nitroaniline	88-74-4	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-
SW8270	2-Nitrophenol	88-75-5	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/kg	0.19	-	ND [0.21]	-	ND [0.24]	-
SW8270	3-Methylphenol/4-Methylphenol Coelution	106-44-5	mg/kg	1.5	-	ND [0.21]	-	ND [0.24]	-
SW8270	3-Nitroaniline	99-09-2	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-
SW8270	4-Chloroaniline	106-47-8	mg/kg	0.057	-	ND [0.1]	-	ND [0.12]	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-

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Soil Boring Results

				Loc ID	DMW1-C05	DMW1-C06	DMW1-C06	DMW1-C07	DMW1-C07
				Sample ID	10FWA-DMW1-SO-C05	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C07	10FWA-DMW1-SO-C07
				Lab Sample ID	G0J050491003	21981-4	G0J050491004	21981-5	G0J050491005
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010
				Lab	TAWS	TATW	TAWS	TATW	TAWS
				QA/QC	Primary	Duplicate	Duplicate	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8270	4-Nitroaniline	100-01-6	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-
SW8270	4-Nitrophenol	100-02-7	mg/kg	-	-	ND [1]	-	ND [1.2]	-
SW8270	Acenaphthene	83-32-9	mg/kg	180	-	ND [0.021]	-	ND [0.024]	-
SW8270	Acenaphthylene	208-96-8	mg/kg	180	-	ND [0.021]	-	ND [0.024]	-
SW8270	Anthracene	120-12-7	mg/kg	3000	-	ND [0.021]	-	ND [0.024]	-
SW8270	Benzo(a)anthracene	56-55-3	mg/kg	3.6	-	ND [0.021]	-	ND [0.024]	-
SW8270	Benzo(a)pyrene	50-32-8	mg/kg	0.49*	-	ND [0.031]	-	ND [0.037]	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/kg	4.9*	-	ND [0.021]	-	ND [0.024]	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/kg	1400*	-	ND [0.026]	-	ND [0.03]	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/kg	49*	-	ND [0.026]	-	ND [0.03]	-
SW8270	Benzoic acid	65-85-0	mg/kg	410	-	ND [2.6]	-	ND [3]	-
SW8270	Benzyl alcohol	100-51-6	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/kg	920	-	ND [0.21]	-	ND [0.24]	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/kg	-	-	ND [0.1]	-	ND [0.12]	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/kg	0.0022	-	ND [0.1]	-	ND [0.12]	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/kg	-	-	ND [0.26]	-	ND [0.3]	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/kg	13	-	0.12 [1.6] J	-	ND [1.8]	-
SW8270	Carbazole	86-74-8	mg/kg	6.5	-	ND [0.1]	-	ND [0.12]	-
SW8270	Chrysene	218-01-9	mg/kg	360	-	0.004 [0.026] J	-	0.0033 [0.03] J	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.49*	-	ND [0.042]	-	ND [0.049]	-
SW8270	Dibenzofuran	132-64-9	mg/kg	11	-	ND [0.1]	-	ND [0.12]	-
SW8270	Diethyl phthalate	84-66-2	mg/kg	130	-	ND [0.21]	-	ND [0.24]	-
SW8270	Dimethyl phthalate	131-11-3	mg/kg	1100	-	ND [0.1]	-	ND [0.12]	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/kg	80	-	ND [0.52]	-	ND [0.61]	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/kg	3100*	-	ND [0.52]	-	ND [0.61]	-
SW8270	Fluoranthene	206-44-0	mg/kg	1400	-	ND [0.021]	-	ND [0.024]	-
SW8270	Fluorene	86-73-7	mg/kg	220	-	ND [0.021]	-	ND [0.024]	-
SW8270	Hexachlorobenzene	118-74-1	mg/kg	0.047	-	ND [0.052]	-	ND [0.061]	-
SW8270	Hexachlorobutadiene	87-68-3	mg/kg	0.12	-	ND [0.052]	-	ND [0.061]	-
SW8270	Hexachlorocyclopentadiene	77-47-4	mg/kg	1.3	-	ND [0.1]	-	ND [0.12]	-
SW8270	Hexachloroethane	67-72-1	mg/kg	0.21	-	ND [0.1]	-	ND [0.12]	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	4.9*	-	ND [0.042]	-	ND [0.049]	-
SW8270	Isophorone	78-59-1	mg/kg	3.1	-	ND [0.1]	-	ND [0.12]	-
SW8270	Naphthalene	91-20-3	mg/kg	20	-	ND [0.021]	-	ND [0.024]	-
SW8270	Nitrobenzene	98-95-3	mg/kg	0.094	-	ND [0.1]	-	ND [0.12]	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.0011	-	ND [0.1]	-	ND [0.12]	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/kg	15	-	ND [0.052]	-	ND [0.061]	-
SW8270	Pentachlorophenol	87-86-5	mg/kg	0.047	-	ND [0.21]	-	ND [0.24]	-
SW8270	Phenanthrene	85-01-8	mg/kg	3000	-	ND [0.021]	-	ND [0.024]	-

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Soil Boring Results

				Loc ID	DMW1-C05	DMW1-C06	DMW1-C06	DMW1-C07	DMW1-C07
				Sample ID	10FWA-DMW1-SO-C05	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C06	10FWA-DMW1-SO-C07	10FWA-DMW1-SO-C07
				Lab Sample ID	G0J050491003	21981-4	G0J050491004	21981-5	G0J050491005
				Matrix	SO	SO	SO	SO	SO
				Sample Date	9/30/2010	9/30/2010	9/30/2010	9/30/2010	9/30/2010
				Lab	TAWS	TATW	TAWS	TATW	TAWS
				QA/QC	Primary	Duplicate	Duplicate	Primary	Primary
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**					
SW8270	Phenol	108-95-2	mg/kg	68	-	ND [0.1]	-	ND [0.12]	-
SW8270	Pyrene	129-00-0	mg/kg	1000	-	ND [0.021]	-	ND [0.024]	-
SW8270	Pyridine		mg/kg	-	-	ND [1]	-	ND [1.2]	-
SW8330	1,3,5-Trinitrobenzene	99-35-4	mg/kg	19	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	1,3-Dinitrobenzene	99-65-0	mg/kg	0.02	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	2,4,6-Trinitrotoluene	118-96-7	mg/kg	0.49	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/kg	0.029	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	2-Nitrotoluene	88-72-2	mg/kg	0.025	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	3-Nitrotoluene	99-08-1	mg/kg	4.9	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/kg	0.029	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	4-Nitrotoluene	99-99-0	mg/kg	0.34	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	Hexahydro-1,3,5-trinitro-1,3,5 triazine	121-82-4	mg/kg	0.04	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/kg	4.5	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	Nitrobenzene	98-95-3	mg/kg	0.094	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/kg	49	ND [0.25]	-	ND [0.24]	-	ND [0.24]
SW9060	Total Organic Carbon (TOC)		mg/kg	-	-	-	-	1400 [2000] J	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008).

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

TATW - TestAmerica, Tacoma, Washington

TAWS - TestAmerica, West Sacramento, California

SO - Soil

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	DMW-TB02 10FWA-DMW-SO-TB02 21981-6 SO 9/28/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	
AK101	Gasoline Range Organics (C6-C10)		mg/kg	300	ND [4]
AK102	Diesel Range Organics (C10-C25)		mg/kg	250	-
AK103	Residual Range Organics (C25-C36)		mg/kg	10000*	-
SW6020	Arsenic	7440-38-2	mg/kg	3.9	-
SW6020	Barium	7440-39-3	mg/kg	1100	-
SW6020	Cadmium	7440-43-9	mg/kg	5	-
SW6020	Chromium	7440-47-3	mg/kg	25	-
SW6020	Lead	7439-92-1	mg/kg	400	-
SW6020	Selenium	7782-49-2	mg/kg	3.4	-
SW6020	Silver	7440-22-4	mg/kg	11.2	-
SW7471A	Mercury	7439-97-6	mg/kg	1.4	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/kg	1	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/kg	1	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/kg	1	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/kg	1	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/kg	1	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/kg	1	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/kg	1	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/kg	-	ND [0.04]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/kg	0.82	ND [0.04]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/kg	0.017	ND [0.01]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/kg	0.018	ND [0.012]
SW8260B	1,1-Dichloroethane	75-34-3	mg/kg	25	ND [0.04]
SW8260B	1,1-Dichloroethene	75-35-4	mg/kg	0.03	ND [0.02]
SW8260B	1,1-Dichloropropene	563-58-6	mg/kg	-	ND [0.04]
SW8260B	1,2,3-Trichlorobenzene	87-61-6	mg/kg	-	ND [0.04]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/kg	0.00053	ND [0.04]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	ND [0.04]
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/kg	23	ND [0.04]
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/kg		ND [0.2]

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	DMW-TB02 10FWA-DMW-SO-TB02 21981-6 SO 9/28/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	
SW8260B	1,2-Dibromoethane	106-93-4	mg/kg	0.00016	ND [0.04]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	ND [0.04]
SW8260B	1,2-Dichloroethane	107-06-2	mg/kg	0.016	ND [0.04]
SW8260B	1,2-Dichloropropane	78-87-5	mg/kg	0.018	ND [0.012]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/kg	23	ND [0.04]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/kg	28	ND [0.04]
SW8260B	1,3-Dichloropropane	142-28-9	mg/kg	-	ND [0.04]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	ND [0.04]
SW8260B	2,2-Dichloropropane	594-20-7	mg/kg	-	ND [0.04]
SW8260B	2-Butanone	78-93-3	mg/kg	59	ND [0.4]
SW8260B	2-Chlorotoluene	95-49-8	mg/kg	-	ND [0.04]
SW8260B	2-Hexanone	591-78-6	mg/kg	-	ND [0.2]
SW8260B	4-Chlorotoluene	106-43-4	mg/kg	-	ND [0.04]
SW8260B	4-Isopropyltoluene	99-87-6	mg/kg	-	ND [0.04]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/kg	8.1	ND [0.2]
SW8260B	Acetone	67-64-1	mg/kg	88	ND [0.4]
SW8260B	Benzene	71-43-2	mg/kg	0.025	ND [0.016]
SW8260B	Bromobenzene	108-86-1	mg/kg	-	ND [0.04]
SW8260B	Bromochloromethane	74-97-5	mg/kg	-	ND [0.04]
SW8260B	Bromodichloromethane	75-27-4	mg/kg	0.044	ND [0.04]
SW8260B	Bromoform	75-25-2	mg/kg	0.34	ND [0.04]
SW8260B	Bromomethane	74-83-9	mg/kg	0.16	ND [0.14]
SW8260B	Carbon disulfide	75-15-0	mg/kg	12	ND [0.04]
SW8260B	Carbon tetrachloride	56-23-5	mg/kg	0.023	ND [0.02]
SW8260B	Chlorobenzene	108-90-7	mg/kg	0.63	ND [0.04]
SW8260B	Chloroethane	75-00-3	mg/kg	23*	ND [0.4]
SW8260B	Chloroform	67-66-3	mg/kg	0.46	ND [0.04]
SW8260B	Chloromethane	74-87-3	mg/kg	0.21	ND [0.4]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/kg	0.24	ND [0.04]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/kg	-	ND [0.016]
SW8260B	Dibromochloromethane	124-48-1	mg/kg	0.032	ND [0.04]
SW8260B	Dibromomethane	74-95-3	mg/kg	1.1	ND [0.04]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/kg	140	ND [0.04]
SW8260B	Ethylbenzene	100-41-4	mg/kg	6.9	ND [0.04]
SW8260B	Hexachlorobutadiene	87-68-3	mg/kg	-	ND [0.04]
SW8260B	Isopropylbenzene	98-82-8	mg/kg	51	ND [0.04]
SW8260B	Methylene chloride	75-09-2	mg/kg	0.016	ND [0.04]
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/kg	1.3	ND [0.04]
SW8260B	Naphthalene	91-20-3	mg/kg	20	ND [0.04]
SW8260B	n-Butanol	71-36-3	mg/kg	9.8	ND [4]
SW8260B	n-Butylbenzene	104-51-8	mg/kg	15	ND [0.04]
SW8260B	n-Propylbenzene	103-65-1	mg/kg	15	ND [0.04]

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	DMW-TB02 10FWA-DMW-SO-TB02 21981-6 SO 9/28/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	
SW8260B	o-Xylene	95-47-6	mg/kg	63	ND [0.04]
SW8260B	sec-Butylbenzene	135-98-8	mg/kg	12	ND [0.04]
SW8260B	Styrene	100-42-5	mg/kg	0.96	ND [0.04]
SW8260B	tert-Butylbenzene	98-06-6	mg/kg	12	ND [0.04]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/kg	0.024	ND [0.02]
SW8260B	Toluene	108-88-3	mg/kg	6.5	ND [0.04]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/kg	0.37	ND [0.04]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/kg	-	ND [0.016]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/kg	0.02	ND [0.016]
SW8260B	Trichlorofluoromethane	75-69-4	mg/kg	86	ND [0.04]
SW8260B	Vinyl acetate	108-05-4	mg/kg	100	ND [0.2]
SW8260B	Vinyl chloride	75-01-4	mg/kg	0.0085	ND [0.008]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/kg	63	ND [0.04]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/kg	0.85	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/kg	5.1	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/kg	28	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/kg	0.64	-
SW8270	1-Methylnaphthalene	90-12-0	mg/kg	6.2	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/kg	67	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/kg	1.4	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/kg	1.3	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/kg	8.8	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/kg	0.54	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	-
SW8270	2-Chloronaphthalene	91-58-7	mg/kg	120	-
SW8270	2-Chlorophenol	95-57-8	mg/kg	1.5	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/kg	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/kg	6.1	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/kg	15	-
SW8270	2-Nitroaniline	88-74-4	mg/kg	-	-
SW8270	2-Nitrophenol	88-75-5	mg/kg	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/kg	0.19	-
SW8270	3-Methylphenol/4-Methylphenol Coelution	106-44-5	mg/kg	1.5	-
SW8270	3-Nitroaniline	99-09-2	mg/kg	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/kg	-	-
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/kg	-	-
SW8270	4-Chloroaniline	106-47-8	mg/kg	0.057	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/kg	-	-

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	DMW-TB02 10FWA-DMW-SO-TB02 21981-6 SO 9/28/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	
SW8270	4-Nitroaniline	100-01-6	mg/kg	-	-
SW8270	4-Nitrophenol	100-02-7	mg/kg	-	-
SW8270	Acenaphthene	83-32-9	mg/kg	180	-
SW8270	Acenaphthylene	208-96-8	mg/kg	180	-
SW8270	Anthracene	120-12-7	mg/kg	3000	-
SW8270	Benzo(a)anthracene	56-55-3	mg/kg	3.6	-
SW8270	Benzo(a)pyrene	50-32-8	mg/kg	0.49*	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/kg	4.9*	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/kg	1400*	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/kg	49*	-
SW8270	Benzoic acid	65-85-0	mg/kg	410	-
SW8270	Benzyl alcohol	100-51-6	mg/kg	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/kg	920	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/kg	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/kg	0.0022	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/kg	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/kg	13	-
SW8270	Carbazole	86-74-8	mg/kg	6.5	-
SW8270	Chrysene	218-01-9	mg/kg	360	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/kg	0.49*	-
SW8270	Dibenzofuran	132-64-9	mg/kg	11	-
SW8270	Diethyl phthalate	84-66-2	mg/kg	130	-
SW8270	Dimethyl phthalate	131-11-3	mg/kg	1100	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/kg	80	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/kg	3100*	-
SW8270	Fluoranthene	206-44-0	mg/kg	1400	-
SW8270	Fluorene	86-73-7	mg/kg	220	-
SW8270	Hexachlorobenzene	118-74-1	mg/kg	0.047	-
SW8270	Hexachlorobutadiene	87-68-3	mg/kg	0.12	-
SW8270	Hexachlorocyclopentadiene	77-47-4	mg/kg	1.3	-
SW8270	Hexachloroethane	67-72-1	mg/kg	0.21	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	4.9*	-
SW8270	Isophorone	78-59-1	mg/kg	3.1	-
SW8270	Naphthalene	91-20-3	mg/kg	20	-
SW8270	Nitrobenzene	98-95-3	mg/kg	0.094	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/kg	0.0011	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/kg	15	-
SW8270	Pentachlorophenol	87-86-5	mg/kg	0.047	-
SW8270	Phenanthrene	85-01-8	mg/kg	3000	-

2010 Taku Gardens Deep Monitoring Wells
Soil Boring Results

				Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	DMW-TB02 10FWA-DMW-SO-TB02 21981-6 SO 9/28/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**	
SW8270	Phenol	108-95-2	mg/kg	68	-
SW8270	Pyrene	129-00-0	mg/kg	1000	-
SW8270	Pyridine		mg/kg	-	-
SW8330	1,3,5-Trinitrobenzene	99-35-4	mg/kg	19	-
SW8330	1,3-Dinitrobenzene	99-65-0	mg/kg	0.02	-
SW8330	2,4,6-Trinitrotoluene	118-96-7	mg/kg	0.49	-
SW8330	2,4-Dinitrotoluene	121-14-2	mg/kg	0.0093	-
SW8330	2,6-Dinitrotoluene	606-20-2	mg/kg	0.0094	-
SW8330	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/kg	0.029	-
SW8330	2-Nitrotoluene	88-72-2	mg/kg	0.025	-
SW8330	3-Nitrotoluene	99-08-1	mg/kg	4.9	-
SW8330	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/kg	0.029	-
SW8330	4-Nitrotoluene	99-99-0	mg/kg	0.34	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5 triazine	121-82-4	mg/kg	0.04	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/kg	4.5	-
SW8330	Nitrobenzene	98-95-3	mg/kg	0.094	-
SW8330	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	mg/kg	49	-
SW9060	Total Organic Carbon (TOC)		mg/kg	-	-

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008).

* 18 AAC 75, Table B1 and B2, Under 40 inch Direct Contact (Chloroethane value is Outdoor Inhalation) (ADEC 2008).

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

TATW - TestAmerica, Tacoma, Washington

TAWS - TestAmerica, West Sacramento, California

SO - Soil

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Deep Monitoring Wells
Groundwater Results

				Loc ID	DMW1	DMW2	DMW3	DMW
				Sample ID	10-FWA-TAKU-WG-DMW1	10-FWA-TAKU-WG-DMW2	10-FWA-TAKU-WG-DMW2B	10-FWA-DMW-TB01
				Lab Sample ID	22143-2	22143-3	22143-4	22143-5
				Matrix	WG	WG	WG	WW
				Sample Date	10/9/2010	10/9/2010	10/9/2010	10/9/2010
				Lab	TATW	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Table C Cleanup Level[1]**				
SW8260L	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043	ND [0.0004]	ND [0.0004]	ND [0.0004]	ND [0.0004]
SW8260L	1,1-Dichloroethene	75-35-4	mg/L	0.007	ND [0.0007]	ND [0.0007]	ND [0.0007]	ND [0.0007]
SW8260L	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]
SW8260L	1,2-Dibromoethane	106-93-4	mg/L	0.00005	ND [0.0001]	ND [0.0001]	ND [0.0001]	ND [0.0001]
SW8260L	1,2-Dichloroethane	107-06-2	mg/L	0.005	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Benzene	71-43-2	mg/L	0.005	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Carbon tetrachloride	56-23-5	mg/L	0.005	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.000076 [0.0005] J, B	0.000073 [0.0005] J, B	0.00008 [0.0005] J, B	0.00008 [0.0005] J, B
SW8260L	Trichloroethene (TCE)	79-01-6	mg/L	0.005	ND [0.0005]	ND [0.0005]	ND [0.0005]	ND [0.0005]
SW8260L	Vinyl chloride	75-01-4	mg/L	0.002	ND [0.0002]	ND [0.0002]	ND [0.0002]	ND [0.0002]

Notes:
[1]18 AAC 75, Table C (ADEC 2008)
– = not analyzed
[ ] = limit of quantitation (LOQ)
mg/L = milligram per liter
ND = nondetect
QA/QC - quality assurance/quality control
TATW-TestAmerica Tacoma Washington
TAWS - TestAmerica, West Sacramento, California
WG-Groundwater
For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Deep Monitoring Well
Wastewater Results

					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	Taku DMW 10-FWA-DMW-WW01 22143-1 WW 10/9/2010 TATW Primary	Taku DMW 10-FWA-DMW-WW01 G0J140627001 WW 10/9/2010 TAWS Primary	DMW 10-FWA-DMW-TB01 22143-5 WW 10/9/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Table C Cleanup Level[1]**	**RCRA TCLP Concentration[2]**			
AK101	Gasoline Range Organics (C6-C10)		mg/L	2.2		ND [0.05]	-	ND [0.05]
AK102	Diesel Range Organics (C10-C25)		mg/L	1.5		0.12 [0.097]	-	-
AK103	Residual Range Organics (C25-C36)		mg/L	1.1		0.17 [0.097] JL+	-	-
SW6020	Arsenic	7440-38-2	mg/L	0.01	5	0.0009 [0.002] J	-	-
SW6020	Barium	7440-39-3	mg/L	2	100	0.18 [0.006]	-	-
SW6020	Cadmium	7440-43-9	mg/L	0.005	1	ND [0.002]	-	-
SW6020	Chromium	7440-47-3	mg/L	0.1	5	0.0079 [0.002]	-	-
SW6020	Lead	7439-92-1	mg/L	0.015	5	0.002 [0.002]	-	-
SW6020	Selenium	7782-49-2	mg/L	0.05	1	0.0014 [0.002] J	-	-
SW6020	Silver	7440-22-4	mg/L	0.1	5	ND [0.002]	-	-
SW7470A	Mercury	7439-97-6	mg/L	0.002	0.2	ND [0.0002]	-	-
SW8081	4,4'-DDD	72-54-8	mg/L	0.0035		ND [0.00002]	-	-
SW8081	4,4'-DDE	72-55-9	mg/L	0.0025		ND [0.00002]	-	-
SW8081	4,4'-DDT	50-29-3	mg/L	0.0025		ND [0.00002]	-	-
SW8081	Aldrin	309-00-2	mg/L	0.00005		ND [0.0000098]	-	-
SW8081	alpha-BHC	319-84-6	mg/L	0.00014		ND [0.0000098]	-	-
SW8081	alpha-Chlordane	5103-71-9	mg/L	0.002	0.03	ND [0.0000098]	-	-
SW8081	beta-BHC	319-85-7	mg/L	0.00047		ND [0.00002]	-	-
SW8081	delta-BHC	319-86-8	mg/L			ND [0.0000098]	-	-
SW8081	Dieldrin	60-57-1	mg/L	0.000053		ND [0.00002]	-	-
SW8081	Endosulfan I	959-98-8	mg/L			ND [0.00002]	-	-
SW8081	Endosulfan II	33213-65-9	mg/L			ND [0.00002]	-	-
SW8081	Endosulfan sulfate	1031-07-8	mg/L			ND [0.00002]	-	-
SW8081	Endrin	72-20-8	mg/L	0.002	0.02	ND [0.00002]	-	-
SW8081	Endrin aldehyde	7421-93-4	mg/L			ND [0.000049]	-	-
SW8081	Endrin ketone	53494-70-5	mg/L			ND [0.00002]	-	-
SW8081	gamma-BHC (Lindane)	58-89-9	mg/L	0.0002	0.4	ND [0.0000098]	-	-
SW8081	gamma-Chlordane	5103-74-2	mg/L	0.002		ND [0.0000098]	-	-
SW8081	Heptachlor	76-44-8	mg/L	0.0004		ND [0.0000098]	-	-
SW8081	Heptachlor epoxide	1024-57-3	mg/L	0.0002		ND [0.0000098]	-	-

2010 Taku Gardens Deep Monitoring Well
Wastewater Results

					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	Taku DMW 10-FWA-DMW-WW01 22143-1 WW 10/9/2010 TATW Primary	Taku DMW 10-FWA-DMW-WW01 G0J140627001 WW 10/9/2010 TAWS Primary	DMW 10-FWA-DMW-TB01 22143-5 WW 10/9/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Table C Cleanup Level[1]**	**RCRA TCLP Concentration[2]**			
SW8081	Methoxychlor	72-43-5	mg/L	0.04	10	ND [0.000098]	-	-
SW8081	Toxaphene	8001-35-2	mg/L	0.003	0.5	ND [0.00098]	-	-
SW8082	PCB-1016 (Aroclor 1016)	12674-11-2	mg/L	0.0005		ND [0.00049]	-	-
SW8082	PCB-1221 (Aroclor 1221)	11104-28-2	mg/L	0.0005		ND [0.00049]	-	-
SW8082	PCB-1232 (Aroclor 1232)	11141-16-5	mg/L	0.0005		ND [0.00049]	-	-
SW8082	PCB-1242 (Aroclor 1242)	53469-21-9	mg/L	0.0005		ND [0.00049]	-	-
SW8082	PCB-1248 (Aroclor 1248)	12672-29-6	mg/L	0.0005		ND [0.00049]	-	-
SW8082	PCB-1254 (Aroclor 1254)	11097-69-1	mg/L	0.0005		ND [0.00049]	-	-
SW8082	PCB-1260 (Aroclor 1260)	11096-82-5	mg/L	0.0005		ND [0.00049]	-	-
SW8151A	2,4,5-T	93-76-5	mg/L			ND [0.00024]	-	-
SW8151A	2,4,5-TP (Silvex)	93-72-1	mg/L	0.05	1	ND [0.00024]	-	-
SW8151A	2,4-D	94-75-7	mg/L	0.07	10	ND [0.00024]	-	-
SW8151A	2,4-DB	94-82-6	mg/L			ND [0.00024]	-	-
SW8151A	4-Nitrophenol	100-02-7	mg/L			ND [0.00024]	-	-
SW8151A	Dalapon	75-99-0	mg/L			ND [0.00038]	-	-
SW8151A	Dicamba	1918-00-9	mg/L			ND [0.00024]	-	-
SW8151A	Dichlorprop	120-36-5	mg/L			ND [0.00024]	-	-
SW8151A	Dinoseb	88-85-7	mg/L			ND [0.00024]	-	-
SW8151A	MCPA (2-Methyl-4-chlorophenoxy acetic acid)	94-74-6	mg/L			ND [0.00024]	-	-
SW8151A	MCPP (2-(2-methyl-4-chlorophenoxy) propanoic acid)	93-65-2	mg/L			ND [0.00024]	-	-
SW8260B	1,1,1,2-Tetrachloroethane	630-20-6	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	1,1,1-Trichloroethane	71-55-6	mg/L	0.2		ND [0.001]	-	ND [0.001]
SW8260B	1,1,2,2-Tetrachloroethane	79-34-5	mg/L	0.0043		ND [0.001]	-	ND [0.001]
SW8260B	1,1,2-Trichloroethane	79-00-5	mg/L	0.005		ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethane	75-34-3	mg/L	7.3		ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloroethene	75-35-4	mg/L	0.007	0.7	ND [0.001]	-	ND [0.001]
SW8260B	1,1-Dichloropropene	563-58-6	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	1,2,3-Trichlorobenzene	87-61-6	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	1,2,3-Trichloropropane	96-18-4	mg/L	0.00012		ND [0.001]	-	ND [0.001]
SW8260B	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07		ND [0.001]	-	0.00031 [0.001] J
SW8260B	1,2,4-Trimethylbenzene	95-63-6	mg/L	1.8		ND [0.001]	-	ND [0.001]

2010 Taku Gardens Deep Monitoring Well
Wastewater Results

					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	Taku DMW 10-FWA-DMW-WW01 22143-1 WW 10/9/2010 TATW Primary	Taku DMW 10-FWA-DMW-WW01 G0J140627001 WW 10/9/2010 TAWS Primary	DMW 10-FWA-DMW-TB01 22143-5 WW 10/9/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Table C Cleanup Level[1]**	**RCRA TCLP Concentration[2]**			
SW8260B	1,2-Dibromo-3-chloropropane	96-12-8	mg/L			ND [0.002]	-	ND [0.002]
SW8260B	1,2-Dibromoethane	106-93-4	mg/L	0.00005		ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichlorobenzene	95-50-1	mg/L	0.6		ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloroethane	107-06-2	mg/L	0.005	0.5	ND [0.001]	-	ND [0.001]
SW8260B	1,2-Dichloropropane	78-87-5	mg/L	0.005		ND [0.001]	-	ND [0.001]
SW8260B	1,3,5-Trimethylbenzene	108-67-8	mg/L	1.8		ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichlorobenzene	541-73-1	mg/L	3.3		ND [0.001]	-	ND [0.001]
SW8260B	1,3-Dichloropropane	142-28-9	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	7.5	ND [0.001]	-	ND [0.001]
SW8260B	2,2-Dichloropropane	594-20-7	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	2-Butanone	78-93-3	mg/L	22	200	ND [0.01]	-	ND [0.01]
SW8260B	2-Chlorotoluene	95-49-8	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	2-Hexanone	591-78-6	mg/L			ND [0.005]	-	ND [0.005]
SW8260B	4-Chlorotoluene	106-43-4	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	4-Isopropyltoluene	99-87-6	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	4-Methyl-2-pentanone	108-10-1	mg/L	2.9		ND [0.005]	-	ND [0.005]
SW8260B	Acetone	67-64-1	mg/L	33		ND [0.01]	-	ND [0.01]
SW8260B	Benzene	71-43-2	mg/L	0.005	0.5	ND [0.001]	-	ND [0.001]
SW8260B	Bromobenzene	108-86-1	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	Bromochloromethane	74-97-5	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	Bromodichloromethane	75-27-4	mg/L	0.014		ND [0.001]	-	ND [0.001]
SW8260B	Bromoform	75-25-2	mg/L	0.11		ND [0.001]	-	ND [0.001]
SW8260B	Bromomethane	74-83-9	mg/L	0.051		ND [0.005]	-	ND [0.005]
SW8260B	Carbon disulfide	75-15-0	mg/L	3.7		0.00015 [0.001] J	-	ND [0.001]
SW8260B	Carbon tetrachloride	56-23-5	mg/L	0.005	0.5	ND [0.001]	-	ND [0.001]
SW8260B	Chlorobenzene	108-90-7	mg/L	0.1	100	0.00025 [0.001] J	-	0.00024 [0.001] J
SW8260B	Chloroethane	75-00-3	mg/L	0.29		ND [0.005]	-	ND [0.005]
SW8260B	Chloroform	67-66-3	mg/L	0.14	6	ND [0.001]	-	ND [0.001]
SW8260B	Chloromethane	74-87-3	mg/L	0.066		ND [0.005]	-	ND [0.005]
SW8260B	cis-1,2-Dichloroethene	156-59-2	mg/L	0.07		ND [0.001]	-	ND [0.001]
SW8260B	cis-1,3-Dichloropropene	10061-01-5	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	Dibromochloromethane	124-48-1	mg/L	0.01		ND [0.001]	-	ND [0.001]
SW8260B	Dibromomethane	74-95-3	mg/L	0.37		ND [0.001]	-	ND [0.001]
SW8260B	Dichlorodifluoromethane	75-71-8	mg/L	7.3		ND [0.001]	-	ND [0.001]
SW8260B	Ethylbenzene	100-41-4	mg/L	0.7		ND [0.001]	-	ND [0.001]
SW8260B	Hexachlorobutadiene	87-68-3	mg/L	0.0073	0.5	ND [0.001]	-	ND [0.001]
SW8260B	Isopropylbenzene	98-82-8	mg/L	3.7		ND [0.001]	-	ND [0.001]
SW8260B	Methylene chloride	75-09-2	mg/L	0.005		ND [0.003]	-	0.0003 [0.003] J
SW8260B	Methyl-tert-butyl ether (MTBE)	1634-04-4	mg/L	0.47		ND [0.001]	-	ND [0.001]
SW8260B	Naphthalene	91-20-3	mg/L	0.73		ND [0.001]	-	0.00054 [0.001] J
SW8260B	n-Butylbenzene	104-51-8	mg/L	0.37		ND [0.001]	-	ND [0.001]
SW8260B	n-Propylbenzene	103-65-1	mg/L	0.37		ND [0.001]	-	ND [0.001]

2010 Taku Gardens Deep Monitoring Well
Wastewater Results

					Loc ID	Taku DMW	Taku DMW	DMW
					Sample ID	10-FWA-DMW-WW01	10-FWA-DMW-WW01	10-FWA-DMW-TB01
					Lab Sample ID	22143-1	G0J140627001	22143-5
					Matrix	WW	WW	WW
					Sample Date	10/9/2010	10/9/2010	10/9/2010
					Lab	TATW	TAWS	TATW
					QA/QC	Primary	Primary	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Table C Cleanup Level[1]**	**RCRA TCLP Concentration[2]**			
SW8260B	o-Xylene	95-47-6	mg/L	10		ND [0.001]	-	ND [0.001]
SW8260B	sec-Butylbenzene	135-98-8	mg/L	0.37		ND [0.001]	-	ND [0.001]
SW8260B	Styrene	100-42-5	mg/L	0.1		ND [0.001]	-	ND [0.001]
SW8260B	tert-Butylbenzene	98-06-6	mg/L	0.37		ND [0.001]	-	ND [0.001]
SW8260B	Tetrachloroethene (PCE)	127-18-4	mg/L	0.005	0.7	ND [0.001]	-	ND [0.001]
SW8260B	Toluene	108-88-3	mg/L	1		ND [0.001]	-	ND [0.001]
SW8260B	trans-1,2-Dichloroethene	156-60-5	mg/L	0.1		ND [0.001]	-	ND [0.001]
SW8260B	trans-1,3-Dichloropropene	10061-02-6	mg/L			ND [0.001]	-	ND [0.001]
SW8260B	Trichloroethene (TCE)	79-01-6	mg/L	0.005	0.5	ND [0.001]	-	ND [0.001]
SW8260B	Trichlorofluoromethane	75-69-4	mg/L	11		ND [0.001]	-	ND [0.001]
SW8260B	Vinyl acetate	108-05-4	mg/L	37		ND [0.005]	-	ND [0.005]
SW8260B	Vinyl chloride	75-01-4	mg/L	0.002	0.2	ND [0.001]	-	ND [0.001]
SW8260B	Xylene, Isomers m & p	108-38-2	mg/L	10		ND [0.002]	-	ND [0.002]
SW8270	1,2,4-Trichlorobenzene	120-82-1	mg/L	0.07		ND [0.00019]	-	-
SW8270	1,2-Dichlorobenzene	95-50-1	mg/L	0.6		ND [0.00019]	-	-
SW8270	1,3-Dichlorobenzene	541-73-1	mg/L	3.3		ND [0.00019]	-	-
SW8270	1,4-Dichlorobenzene	106-46-7	mg/L	0.075	7.5	ND [0.00019]	-	-
SW8270	1-Methylnaphthalene	90-12-0	mg/L	0.15		ND [0.000038]	-	-
SW8270	2,4,5-Trichlorophenol	95-95-4	mg/L	3.7	400	ND [0.00019]	-	-
SW8270	2,4,6-Trichlorophenol	88-06-2	mg/L	0.077	2	ND [0.00028]	-	-
SW8270	2,4-Dichlorophenol	120-83-2	mg/L	0.11		ND [0.00019]	-	-
SW8270	2,4-Dimethylphenol	105-67-9	mg/L	0.73		ND [0.00047]	-	-
SW8270	2,4-Dinitrophenol	51-28-5	mg/L	0.073		ND [0.0024]	-	-
SW8270	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	0.131	ND [0.00019]	-	-
SW8270	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013		ND [0.00019]	-	-
SW8270	2-Chloronaphthalene	91-58-7	mg/L	2.9		ND [0.000028]	-	-
SW8270	2-Chlorophenol	95-57-8	mg/L	0.18		ND [0.00019]	-	-
SW8270	2-Methyl-4,6-dinitrophenol	534-52-1	mg/L			ND [0.0019]	-	-
SW8270	2-Methylnaphthalene	91-57-6	mg/L	0.15		ND [0.000094]	-	-
SW8270	2-Methylphenol (o-Cresol)	95-48-7	mg/L	1.8		ND [0.00019]	-	-
SW8270	2-Nitroaniline	88-74-4	mg/L			ND [0.00019]	-	-
SW8270	2-Nitrophenol	88-75-5	mg/L			ND [0.00019]	-	-
SW8270	3,3'-Dichlorobenzidine	91-94-1	mg/L	0.0019		ND [0.00094] JM-	-	-
SW8270	3-Methylphenol/4-Methylphenol Coelution	108-39-4	mg/L	1.8		ND [0.00038]	-	-
SW8270	3-Nitroaniline	99-09-2	mg/L			ND [0.00019]	-	-
SW8270	4-Bromophenyl phenyl ether	101-55-3	mg/L			ND [0.00019]	-	-

2010 Taku Gardens Deep Monitoring Well
Wastewater Results

					Loc ID Sample ID Lab Sample ID Matrix Sample Date Lab QA/QC	Taku DMW 10-FWA-DMW-WW01 22143-1 WW 10/9/2010 TATW Primary	Taku DMW 10-FWA-DMW-WW01 G0J140627001 WW 10/9/2010 TAWS Primary	DMW 10-FWA-DMW-TB01 22143-5 WW 10/9/2010 TATW Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Table C Cleanup Level[1]**	**RCRA TCLP Concentration[2]**			
SW8270	4-Chloro-3-methylphenol	59-50-7	mg/L			ND [0.00019]	-	-
SW8270	4-Chloroaniline	106-47-8	mg/L	0.016		ND [0.00019]	-	-
SW8270	4-Chlorophenyl phenyl ether	7005-72-3	mg/L			ND [0.00019]	-	-
SW8270	4-Nitroaniline	100-01-6	mg/L			ND [0.00028]	-	-
SW8270	4-Nitrophenol	100-02-7	mg/L			ND [0.00094]	-	-
SW8270	Acenaphthene	83-32-9	mg/L	2.2		ND [0.000047]	-	-
SW8270	Acenaphthylene	208-96-8	mg/L	2.2		ND [0.000038]	-	-
SW8270	Anthracene	120-12-7	mg/L	11		ND [0.000019]	-	-
SW8270	Azobenzene		mg/L			ND [0.00047]	-	-
SW8270	Benzo(a)anthracene	56-55-3	mg/L	0.0012		ND [0.000028]	-	-
SW8270	Benzo(a)pyrene	50-32-8	mg/L	0.0002		ND [0.000019]	-	-
SW8270	Benzo(b)fluoranthene	205-99-2	mg/L	0.0012		ND [0.000038]	-	-
SW8270	Benzo(g,h,i)perylene	191-24-2	mg/L	1.1		ND [0.000028]	-	-
SW8270	Benzo(k)fluoranthene	207-08-9	mg/L	0.012		ND [0.000028]	-	-
SW8270	Benzoic acid	65-85-0	mg/L	150		0.0084 [0.00094]	-	-
SW8270	Benzyl alcohol	100-51-6	mg/L			0.00004 [0.00019] J	-	-
SW8270	Benzyl butyl phthalate	85-68-7	mg/L	7.3		ND [0.00028]	-	-
SW8270	bis-(2-Chloroethoxy)methane	111-91-1	mg/L			ND [0.00019]	-	-
SW8270	bis-(2-Chloroethyl)ether	111-44-4	mg/L	0.00077		ND [0.00019]	-	-
SW8270	bis(2-Chloroisopropyl)ether	108-60-1	mg/L			ND [0.00019]	-	-
SW8270	bis-(2-Ethylhexyl)phthalate	117-81-7	mg/L	0.006		ND [0.0014]	-	-
SW8270	Carbazole	86-74-8	mg/L	0.043		ND [0.00019]	-	-
SW8270	Chrysene	218-01-9	mg/L	0.12		ND [0.000019]	-	-
SW8270	Dibenzo(a,h)anthracene	53-70-3	mg/L	0.00012		ND [0.000028]	-	-
SW8270	Dibenzofuran	132-64-9	mg/L	0.073		ND [0.00019]	-	-
SW8270	Diethyl phthalate	84-66-2	mg/L	29		0.000034 [0.00019] J	-	-
SW8270	Dimethyl phthalate	131-11-3	mg/L	370		0.000065 [0.00019] J	-	-
SW8270	Di-n-butyl phthalate	84-74-2	mg/L	3.7		0.000062 [0.00019] J	-	-
SW8270	Di-n-octyl phthalate	117-84-0	mg/L	1.5		ND [0.00019]	-	-
SW8270	Fluoranthene	206-44-0	mg/L	1.5		ND [0.000024]	-	-
SW8270	Fluorene	86-73-7	mg/L	1.5		ND [0.000028]	-	-
SW8270	Hexachlorobenzene	118-74-1	mg/L	0.001	0.131	ND [0.00019]	-	-
SW8270	Hexachlorobutadiene	87-68-3	mg/L	0.0073	0.5	ND [0.00028]	-	-
SW8270	Hexachlorocyclopentadiene	77-47-4	mg/L	0.05		ND [0.00094]	-	-
SW8270	Hexachloroethane	67-72-1	mg/L	0.04	3	ND [0.00028]	-	-
SW8270	Indeno(1,2,3-cd)pyrene	193-39-5	mg/L	0.0012		ND [0.000028]	-	-
SW8270	Isophorone	78-59-1	mg/L	0.9		ND [0.00019]	-	-

2010 Taku Gardens Deep Monitoring Well
Wastewater Results

					Loc ID	Taku DMW	Taku DMW	DMW
					Sample ID	10-FWA-DMW-WW01	10-FWA-DMW-WW01	10-FWA-DMW-TB01
					Lab Sample ID	22143-1	G0J140627001	22143-5
					Matrix	WW	WW	WW
					Sample Date	10/9/2010	10/9/2010	10/9/2010
					Lab	TATW	TAWS	TATW
					QA/QC	Primary	Primary	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Table C Cleanup Level[1]**	**RCRA TCLP Concentration[2]**			
SW8270	Naphthalene	91-20-3	mg/L	0.73		ND [0.00019]	-	-
SW8270	Nitrobenzene	98-95-3	mg/L	0.018	2	ND [0.00019]	-	-
SW8270	n-Nitrosodimethylamine	62-75-9	mg/L	0.000017		ND [0.00094]	-	-
SW8270	n-Nitrosodi-n-propylamine	621-64-7	mg/L	0.00012		ND [0.00019]	-	-
SW8270	n-Nitrosodiphenylamine	86-30-6	mg/L	0.17		ND [0.00019]	-	-
SW8270	Pentachlorophenol	87-86-5	mg/L	0.001	100	ND [0.00033]	-	-
SW8270	Phenanthrene	85-01-8	mg/L	11		0.0000051 [0.000038] J	-	-
SW8270	Phenol	108-95-2	mg/L	11		ND [0.00028]	-	-
SW8270	Pyrene	129-00-0	mg/L	1.1		ND [0.000028]	-	-
SW8330	1,3,5-Trinitrobenzene	99-35-4	mg/L	1.1		-	ND [0.0001]	-
SW8330	1,3-Dinitrobenzene	99-65-0	mg/L	0.0037		-	ND [0.0001]	-
SW8330	2,4,6-Trinitrotoluene	118-96-7	mg/L	0.018		-	ND [0.0001]	-
SW8330	2,4-Dinitrotoluene	121-14-2	mg/L	0.0013	0.131	-	ND [0.0001]	-
SW8330	2,6-Dinitrotoluene	606-20-2	mg/L	0.0013		-	ND [0.0001]	-
SW8330	2-Amino-4,6-dinitrotoluene	35572-78-2	mg/L	0.0073		-	ND [0.0002]	-
SW8330	2-Nitrotoluene	88-72-2	mg/L	0.0037		-	ND [0.0005]	-
SW8330	3-Nitrotoluene	99-08-1	mg/L	0.73		-	ND [0.0005]	-
SW8330	4-Amino-2,6-dinitrotoluene	19406-51-0	mg/L	0.0073		-	ND [0.0001]	-
SW8330	4-Nitrotoluene	99-99-0	mg/L	0.05		-	ND [0.00065]	-
SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	mg/L	0.0077		-	ND [0.0001]	-
SW8330	Methyl-2,4,6-trinitrophenylnitramine	479-45-8	mg/L	0.15		-	ND [0.0001]	-
SW8330	Nitrobenzene	98-95-3	mg/L	0.018	2	-	ND [0.0001]	-
SW8330	Octahydro-1,3,5,7-tetranitro 1,3,5,7-tetrazocine	2691-41-0	mg/L	1.8		-	ND [0.0001]	-

Notes:

[1] 18 AAC 75, Table C (ADEC 2008)

[2] McCoy's RCRA Reference, Table 1 Maximum Concentration of Contaminants for Toxicity Characteristic (McCoy and Associates, 2009)

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/L = milligram per liter

ND = nondetect

QA/QC - quality assurance/quality control

TATW-TestAmerica Tacoma Washington

TAWS - TestAmerica, West Sacramento, California

WW-Wastewater

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Deep Monitoring Well
Test Pit Exceedances

				Loc ID	DMW1-C01	DMW2-C02	DMW-TB01
				Sample ID	10FWA-DMW1-SO-C01	10FWA-DMW2-SO-C02	10FWA-DMW-SO-TB01
				Lab Sample ID	21664-1	21664-2	21664-3
				Matrix	SO	SO	SO
				Sample Date	9/10/2010	9/10/2010	9/10/2010
				Lab	TATW	TATW	TATW
				QA/QC	Primary	Primary	Trip Blank
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**			
SW6020	Arsenic	7440-38-2	mg/kg	3.9	**14 [0.19]**	**12 [0.19]**	-
SW8260B	Methylene chloride	75-09-2	mg/kg	0.016	**0.017 [0.05] J**	ND [0.028]	**0.016 [0.04] J**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008).

bold text indicates exceedances

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

TATW - TestAmerica, Tacoma, Washington

SO - Soil

For data qualifier definitions, see the Data Quality Assessment.

2010 Taku Gardens Deep Monitoring Well
Soil Boring Exceedances

				Loc ID	DMW2-C04	DMW1-C05	DMW1-C06
				Sample ID	10FWA-DMW2-SO-C04	10FWA-DMW1-SO-C05	10FWA-DMW1-SO-C06
				Lab Sample ID	21981-2	21981-3	21981-4
				Matrix	SO	SO	SO
				Sample Date	9/28/2010	9/30/2010	9/30/2010
				Lab	TATW	TATW	TATW
				QA/QC	Primary	Primary	Duplicate
Method	**Analyte**	**CAS Number**	**Units**	**ADEC Criteria[1]**			
SW6020	Arsenic	7440-38-2	mg/kg	3.9	**6.8 [0.18]**	**8.4 [0.19]**	**8.3 [0.16]**

Notes:

[1] 18 AAC 75, Table B1 and B2, Migration to Groundwater except when noted (ADEC 2008).

bold text indicates exceedances

– = not analyzed

[ ] = limit of quantitation (LOQ)

mg/kg = milligram per kilogram

ND = nondetect

QA/QC - quality assurance/quality control

TATW - TestAmerica, Tacoma, Washington

SO - Soil

For data qualifier definitions, see the Data Quality Assessment.

ATTACHMENT C-2

ADEC Laboratory Data Review Checklists

Laboratory Data Review Checklist

Completed by: Kelly Carson

Title: Jacobs Project Chemist

Date: February 1, 2011

CS Report Name: Pre-Draft Deep Groundwater Monitoring Wells Installation After-Action Report

Report Date: February 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica-Seattle

Laboratory Report Number: 580-21664-1

ADEC File Number:

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 except for explosives (SW8330), which were analyzed at TestAmerica West Sacramento.

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:

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 samples were received in good condition.

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:

There was a discrepancy between how many containers were listed on the CoC (2) and how many were received (1) for sample 10FWA-DMW1-SO-C01. Two containers were received for sample 10FWA-DMW1-SO-C02.

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

Comments:

There was no effect on the data quality or usability.

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:

All QC items identified in the case narrative are discussed in the relevant sections of this checklist. Additional QC items include:

- AK101 and SW8260B – Due to percent moisture values greater than 10%, the final volumes for several samples were corrected for the solvent/water dilution effect.
- SW8260B – The soil weight of sample 10FWA-DMW2-SO-C02 exceeded the volume of methanol by more than 50%.
- SW8260B – The CCV for batch 580-72053 exceeded ±20%D criteria for bromomethane, chloromethane, and chloroethane. In addition the associated ICV exceeded 20%D criteria for acetone. The associated samples were reanalyzed for these analytes.
- SW8270C – A CCV for batch 580-72119 failed low for hexachloropentadiene and 4,6-dinitro-2-methylphenol. The associated samples were reanalyzed for the affected compounds. The same CCV failed high for benzoic acid. As the associated samples were nondetect for benzoic acid, no further action was required.
- SW8270C – A CCV for batch 580-72258 failed low for hexachlorocyclopentadiene. The associated sample (MSD) was reanalyzed for the affected compounds. The same CCV failed high for benzoic acid. As the associated sample (MSD) was reanalyzed for this analyte.
- SW7471A – The RPD for mercury in the duplicate analysis of sample 10FWA-DMW2-SO-C02 was outside control criteria. The sample matrix may be non-homogeneous.

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:

There was no effect on the data quality or usability. Data quality and usability is also addressed in each section of the checklist with regard to the QC item in question.

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:

c. All soils reported on a dry weight basis?

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

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:

Reporting limits (LOQ), LODs, and MDLs for nondetect results were evaluated against ADEC cleanup levels. Several SW8260B, SW8270D, and SW8330 analytes had LODs that exceeded the cleanup level for nondetect results. All analytes with nondetect results that had LODs that exceeded the ADEC cleanup levels are presented in the following table (see next page).

e. Data quality or usability affected?

Comments:

Numerous SW8260B, SW8270D, and SW8330 analytes had LODs that exceeded the ADEC cleanup levels for nondetect results. Several of these analytes had MDLs that are less than the cleanup level. However, several analytes had MDLs that also exceeded the cleanup level; cleanup levels for these analytes are lower than the current methodology can accurately distinguish. As results were nondetect and the analytes in question frequently have LODs that exceed the cleanup level due to limitations in the methodology, there was minimal effect on data quality or usability for most analytes. It should be noted that nondetect results for 1,2,3-trichloropropane for all soil samples analyzed in this sample delivery group had MDLs that exceeded the cleanup level. These data are considered usable with this limitation.

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 blanks had results that were nondetect or less than ½ the LOQ.

iii. If above PQL, what samples are affected?

Comments:

No samples were affected.

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

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

No data flags were required.

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

Comments:

There was no effect on the data quality or usability.

5.d. Nondetect Results with LODs that Exceed the ADEC Cleanup Level

Sample ID	Lab Sample ID	Method	Analyte	Result	MDL (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)	ADEC Cleanup Level (mg/kg)	Dilution Factor	QC Lot No.
10FWA-DMW1-SO-C01	21664-1	SW8260B	1,2,3-Trichloropropane	ND	0.015	0.038	0.050	0.00053	1	71983
10FWA-DMW1-SO-C01	21664-1	SW8260B	1,2-Dibromoethane	ND	0.013	0.038	0.050	0.00016	1	71983
10FWA-DMW1-SO-C01	21664-1	SW8260B	1,2-Dichloroethane	ND	0.013	0.038	0.050	0.016	1	71983
10FWA-DMW1-SO-C01	21664-1	SW8260B	Chloromethane	ND	0.13	0.38	0.500	0.21	1	71983
10FWA-DMW1-SO-C01	21664-1	SW8260B	Dibromochloromethane	ND	0.013	0.038	0.050	0.032	1	71983
10FWA-DMW1-SO-C01	21664-1	SW8270	2,4-Dinitrotoluene	ND	0.0027	0.033	0.110	0.0093	1	72015
10FWA-DMW1-SO-C01	21664-1	SW8270	bis-(2-Chloroethyl)ether	ND	0.011	0.033	0.110	0.0022	1	72015
10FWA-DMW1-SO-C01	21664-1	SW8270	n-Nitrosodi-n-propylamine	ND	0.011	0.033	0.110	0.0011	1	72015
10FWA-DMW1-SO-C01	G0I220617001	SW8330	1,3-Dinitrobenzene	ND	0.05	0.099	0.25	0.02	0.99	0266408
10FWA-DMW1-SO-C01	G0I220617001	SW8330	2,4-Dinitrotoluene	ND	0.02	0.099	0.25	0.0093	0.99	0266408
10FWA-DMW1-SO-C01	G0I220617001	SW8330	2,6-Dinitrotoluene	ND	0.03	0.099	0.25	0.0094	0.99	0266408
10FWA-DMW1-SO-C01	G0I220617001	SW8330	2-Amino-4,6-dinitrotoluene	ND	0.099	0.099	0.25	0.029	0.99	0266408
10FWA-DMW1-SO-C01	G0I220617001	SW8330	2-Nitrotoluene	ND	0.079	0.099	0.25	0.025	0.99	0266408
10FWA-DMW1-SO-C01	G0I220617001	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	0.04	0.099	0.25	0.04	0.99	0266408
10FWA-DMW2-SO-C02	21664-2	SW8260B	1,2,3-Trichloropropane	ND	0.0081	0.021	0.028	0.00053	1	71983
10FWA-DMW2-SO-C02	21664-2	SW8260B	1,2-Dibromoethane	ND	0.007	0.021	0.028	0.00016	1	71983
10FWA-DMW2-SO-C02	21664-2	SW8260B	1,2-Dichloroethane	ND	0.007	0.021	0.028	0.016	1	71983
10FWA-DMW2-SO-C02	21664-2	SW8260B	Chloromethane	ND	0.070	0.210	0.280	0.21	1	71983
10FWA-DMW2-SO-C02	21664-2	SW8260B	Methylene chloride	ND	0.007	0.021	0.028	0.016	1	71983
10FWA-DMW2-SO-C02	21664-2	SW8270	2,4-Dinitrotoluene	ND	0.0028	0.033	0.110	0.0093	1	72015
10FWA-DMW2-SO-C02	21664-2	SW8270	bis-(2-Chloroethyl)ether	ND	0.011	0.033	0.110	0.0022	1	72015
10FWA-DMW2-SO-C02	21664-2	SW8270	n-Nitrosodi-n-propylamine	ND	0.011	0.033	0.110	0.0011	1	72015
10FWA-DMW2-SO-C02	G0I220617002	SW8330	1,3-Dinitrobenzene	ND	0.05	0.099	0.250	0.02	0.99	0266408
10FWA-DMW2-SO-C02	G0I220617002	SW8330	2,4-Dinitrotoluene	ND	0.02	0.099	0.250	0.0093	0.99	0266408
10FWA-DMW2-SO-C02	G0I220617002	SW8330	2,6-Dinitrotoluene	ND	0.03	0.099	0.250	0.0094	0.99	0266408
10FWA-DMW2-SO-C02	G0I220617002	SW8330	2-Amino-4,6-dinitrotoluene	ND	0.099	0.099	0.250	0.029	0.99	0266408
10FWA-DMW2-SO-C02	G0I220617002	SW8330	2-Nitrotoluene	ND	0.079	0.099	0.250	0.025	0.99	0266408
10FWA-DMW2-SO-C02	G0I220617002	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	0.040	0.099	0.250	0.04	0.99	0266408
10FWA-DMW-SO-TB01	21664-3	SW8260B	1,2,3-Trichloropropane	ND	0.012	0.030	0.040	0.00053	1	71983
10FWA-DMW-SO-TB01	21664-3	SW8260B	1,2-Dibromoethane	ND	0.010	0.030	0.040	0.00016	1	71983

Sample ID	Lab Sample ID	Method	Analyte	Result	MDL (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)	ADEC Cleanup Level (mg/kg)	Dilution Factor	QC Lot No.
10FWA-DMW-SO-TB01	21664-3	SW8260B	1,2-Dichloroethane	ND	0.010	0.030	0.040	0.016	1	71983
10FWA-DMW-SO-TB01	21664-3	SW8260B	Chloromethane	ND	0.100	0.300	0.400	0.21	1	71983

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:

All LCS recoveries were acceptable, with the following exceptions:

- SW8260B – Recovery of 1,2-dichloropropane in the LCS associated with batch 71983 exceeded the upper control limit of 120% at 125%. As this indicates a high bias and all associated sample results were nondetect, no data were qualified and there was no effect on the data quality or usability.
- SW8270 - Recovery of 4-nitroaniline in the LCS associated with batch 72015 exceeded the upper control limit of 115% at 129%. As this indicates a high bias and all associated sample results were nondetect, no data were qualified and there was no effect on the data quality or usability.

In accordance with the project QAPP, the MS/MSD sample recoveries were not evaluated and no data flags were required if the native sample concentration was greater than ½ the spike amount or if the samples were diluted by a factor of 5 or more. All MS/MSD recoveries were acceptable, with the following exceptions:

- SW8260 – Recovery of naphthalene in the MS performed for sample 10FWA-DMW2-SO-C02 and associated with batch 71983 exceeded the upper control limit of 125% at 130%. As this indicates a high bias and the associated sample result was nondetect, no qualifier was required and there was minimal effect on the data.
- SW8260 - Recovery of tetrachloroethene (PCE) in the MS and MSD performed for sample 10FWA-DMW2-SO-C02 and associated with batch 71983 exceeded the upper control limit of 140% at 152% and 149%, respectively. As this indicates a high bias and the associated sample result was nondetect, no qualifier was required and there was minimal effect on the data.
- SW7471A – Recovery of mercury in the MS and MSD performed for sample 10FWA-DMW2-SO-C02 and associated with batch 72256 exceeded the upper control limit of 120% at 129% and 123%, respectively. The parent sample result of 0.029 mg/kg was qualified JM+ and may be considered potentially biased high.

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:

SW7471A – The RPD for mercury in the duplicate analysis of sample 10FWA-DMW2-SO-C02 was outside control criteria. The sample matrix may be non-homogeneous. SW8270 – The RPD for MS/MSD recoveries of 2,4-dinitrophenol in the MS/MSD performed for sample 10FWA-DMW2-SO-C02 and associated with batch 72015 was 45% which exceeded the limit of 30%. Both MS and MSD recoveries were within control limits, therefore the effect on the data was minimal.

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

Comments:

The mercury result of 0.029 mg/kg for sample 10FWA-DMW2-SO-C02 was qualified JM+ due to matrix spike recoveries exceeding the upper control limit.

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

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

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

Comments:

This result may be considered potentially biased high. As this indicates a high bias and the result is less than the ADEC cleanup level, there was no effect on the data usability.

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:

All surrogate recoveries for samples with a dilution factor less than 5 were acceptable. In accordance with the project QAPP, surrogate recovery was not evaluated and no data flag was required if the sample was diluted by a factor of 5 or more.

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:

There was no effect on the data quality or usability.

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:

No analytes were detected above the detection limit in the trip blanks.

iv. If above PQL, what samples are affected?

Comments:

No samples were affected.

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

Comments:

There was no effect on data quality or usability.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

No field duplicate sample was submitted or analyzed for this sample delivery group. However, the overall field duplicate frequency for the project was met.

ii. Submitted blind to lab?

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

No field duplicate sample was submitted or analyzed for this sample delivery group.

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:

No field duplicate sample was submitted or analyzed for this sample delivery group.

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

Comments:

There was no effect on data quality or usability.

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

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

No decon/equipment blanks were required for this sampling event.

i. All results less than PQL?

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

No decon/equipment blanks were required for this sampling event.

ii. If above PQL, what samples are affected?

Comments:

No samples were affected.

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

Comments:

There was no effect on data quality or usability.

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

a. Defined and appropriate?

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

No other data flags were required.

Laboratory Data Review Checklist

Completed by: Kelly Carson

Title: Jacobs Project Chemist Date: February 3, 2011

CS Report Name: Pre-Draft Deep Groundwater Monitoring Wells Installation After-Action Report Report Date: February 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica-Seattle Laboratory Report Number: 580-21981

ADEC File Number: 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 except for explosives (SW8330), which were analyzed at TestAmerica West Sacramento.

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 "Shaky Face Pant" arrived with temperature blank = 0.6°C and cooler temperature = 0.7°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 samples were received in good condition.

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:

No discrepancies were noted.

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

Comments:

Samples were not frozen up on arrival; therefore, there was no effect on the data quality or usability.

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:

All QC items identified in the case narrative are discussed in the relevant sections of this checklist. Additional QC items include:

- AK101 and SW8260B – Due to percent moisture values greater than 10%, the final volumes for several samples were corrected for the solvent/water dilution effect.
- SW8260B – The CCV for analytical batch 580-73283 exceeded -20%D control criteria for Tetrachloroethene. All associated samples were re-analyzed for Tetrachloroethene.
- SW8260B - The matrix spike / matrix spike duplicate (MS/MSD) recoveries of n-Butanol for batch 580-73143 were not calculated due to the low spike used for n-Butanol, as is not a routine analyte. The recoveries could not be calculated because the spike and ND parent sample concentrations were lower than the low limit. The associated laboratory control sample (LCS) recovery met acceptance criteria.
- SW6020 - The RPD for Selenium in the duplicate analysis of sample 10FWA-DMW1-SO-C06DU (580-21981-4) was outside advisory QC limits due to analyte concentration near the reporting limit.

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:

There was no effect on the data quality or usability. Data quality and usability is also addressed in each section of the checklist with regard to the QC item in question.

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:

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:

Reporting limits (LOQ), LODs, and MDLs for nondetect results were evaluated against ADEC cleanup levels. Several SW8260B, SW8270D, and SW8330 analytes had LODs that exceeded the cleanup level for nondetect results. All analytes with nondetect results that had LODs that exceeded the ADEC cleanup levels are presented in the following table (see next page).

e. Data quality or usability affected?

Comments:

Numerous SW8260B, SW8270D, and SW8330 analytes had LODs that exceeded the ADEC cleanup levels for nondetect results. Several of these analytes had MDLs that are less than the cleanup level. However, several analytes had MDLs that also exceeded the cleanup level; cleanup levels for these analytes are lower than the current methodology can accurately distinguish.

As results were nondetect and the analytes in question frequently have LODs that exceed the cleanup level due to limitations in the methodology, there was minimal effect on data quality or usability for most analytes. It should be noted that nondetect results for 1,2,3-trichloropropane for all soil samples analyzed in this sample delivery group had MDLs that exceeded the cleanup level. These data are considered usable with this limitation.

5.d. Nondetect Sample Results with LODs that Exceed the ADEC Cleanup Level

Sample ID	Lab Sample ID	Method	Analyte	Result	MDL (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)	ADEC Cleanup Level (mg/kg)	Dilution Factor	QC Lot No.
10FWA-DMW1-SO-C05	21981-3	SW8260B	1,2,3-Trichloropropane	ND	0.021	0.054	0.072	0.00053	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	1,2-Dibromoethane	ND	0.018	0.054	0.072	0.00016	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	1,2-Dichloroethane	ND	0.018	0.054	0.072	0.016	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	1,2-Dichloropropane	ND	0.0071	0.018	0.022	0.018	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	Bromodichloromethane	ND	0.018	0.054	0.072	0.044	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	Bromomethane	ND	0.063	0.18	0.25	0.16	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	Carbon tetrachloride	ND	0.0091	0.027	0.036	0.023	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	Chloromethane	ND	0.18	0.54	0.72	0.21	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	Dibromochloromethane	ND	0.018	0.054	0.072	0.032	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	Methylene chloride	ND	0.018	0.054	0.072	0.016	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	Tetrachloroethene (PCE)	ND	0.0091	0.027	0.036	0.024	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8260B	Vinyl chloride	ND	0.0036	0.0091	0.014	0.0085	1	73143
10FWA-DMW1-SO-C05	21981-3	SW8270	2,4-Dinitrotoluene	ND	0.0026	0.031	0.1	0.0093	1	72994
10FWA-DMW1-SO-C05	21981-3	SW8270	bis-(2-Chloroethyl)ether	ND	0.010	0.031	0.1	0.0022	1	72994
10FWA-DMW1-SO-C05	21981-3	SW8270	n-Nitrosodi-n-propylamine	ND	0.010	0.031	0.1	0.0011	1	72994
10FWA-DMW1-SO-C05	G0J050491003	SW8330	1,3-Dinitrobenzene	ND	0.05	0.10	0.25	0.02	1	0281236
10FWA-DMW1-SO-C05	G0J050491003	SW8330	2,4-Dinitrotoluene	ND	0.02	0.10	0.25	0.0093	1	0281236
10FWA-DMW1-SO-C05	G0J050491003	SW8330	2,6-Dinitrotoluene	ND	0.03	0.10	0.25	0.0094	1	0281236
10FWA-DMW1-SO-C05	G0J050491003	SW8330	2-Amino-4,6-dinitrotoluene	ND	0.1	0.10	0.25	0.029	1	0281236
10FWA-DMW1-SO-C05	G0J050491003	SW8330	2-Nitrotoluene	ND	0.08	0.10	0.25	0.025	1	0281236
10FWA-DMW1-SO-C05	G0J050491003	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	0.04	0.10	0.25	0.04	1	0281236
10FWA-DMW1-SO-C06	21981-4	SW8260B	1,2,3-Trichloropropane	ND	0.016	0.041	0.054	0.00053	1	73143
10FWA-DMW1-SO-C06	21981-4	SW8260B	1,2-Dibromoethane	ND	0.014	0.041	0.054	0.00016	1	73143
10FWA-DMW1-SO-C06	21981-4	SW8260B	1,2-Dichloroethane	ND	0.014	0.041	0.054	0.016	1	73143
10FWA-DMW1-SO-C06	21981-4	SW8260B	Chloromethane	ND	0.14	0.41	0.54	0.21	1	73143
10FWA-DMW1-SO-C06	21981-4	SW8260B	Dibromochloromethane	ND	0.014	0.041	0.054	0.032	1	73143
10FWA-DMW1-SO-C06	21981-4	SW8260B	Methylene chloride	ND	0.014	0.041	0.054	0.016	1	73143
10FWA-DMW1-SO-C06	21981-4	SW8270	2,4-Dinitrotoluene	ND	0.0026	0.031	0.1	0.0093	1	72994
10FWA-DMW1-SO-C06	21981-4	SW8270	bis-(2-Chloroethyl)ether	ND	0.010	0.031	0.1	0.0022	1	72994
10FWA-DMW1-SO-C06	21981-4	SW8270	n-Nitrosodi-n-propylamine	ND	0.010	0.031	0.1	0.0011	1	72994

Sample ID	Lab Sample ID	Method	Analyte	Result	MDL (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)	ADEC Cleanup Level (mg/kg)	Dilution Factor	QC Lot No.
10FWA-DMW1-SO-C06	G0J050491004	SW8330	1,3-Dinitrobenzene	ND	0.049	0.098	0.24	0.02	0.98	0281236
10FWA-DMW1-SO-C06	G0J050491004	SW8330	2,4-Dinitrotoluene	ND	0.02	0.098	0.24	0.0093	0.98	0281236
10FWA-DMW1-SO-C06	G0J050491004	SW8330	2,6-Dinitrotoluene	ND	0.029	0.098	0.24	0.0094	0.98	0281236
10FWA-DMW1-SO-C06	G0J050491004	SW8330	2-Amino-4,6-dinitrotoluene	ND	0.098	0.098	0.24	0.029	0.98	0281236
10FWA-DMW1-SO-C06	G0J050491004	SW8330	2-Nitrotoluene	ND	0.078	0.098	0.24	0.025	0.98	0281236
10FWA-DMW1-SO-C07	21981-5	SW8260B	1,2,3-Trichloropropane	ND	0.013	0.033	0.044	0.00053	1	73143
10FWA-DMW1-SO-C07	21981-5	SW8260B	1,2-Dibromoethane	ND	0.011	0.033	0.044	0.00016	1	73143
10FWA-DMW1-SO-C07	21981-5	SW8260B	1,2-Dichloroethane	ND	0.011	0.033	0.044	0.016	1	73143
10FWA-DMW1-SO-C07	21981-5	SW8260B	Chloromethane	ND	0.11	0.33	0.44	0.21	1	73143
10FWA-DMW1-SO-C07	21981-5	SW8260B	Dibromochloromethane	ND	0.011	0.033	0.044	0.032	1	73143
10FWA-DMW1-SO-C07	21981-5	SW8260B	Methylene chloride	ND	0.011	0.033	0.044	0.016	1	73143
10FWA-DMW1-SO-C07	21981-5	SW8270	2,4-Dinitrotoluene	ND	0.003	0.037	0.12	0.0093	1	72994
10FWA-DMW1-SO-C07	21981-5	SW8270	2,6-Dinitrotoluene	ND	0.005	0.0098	0.12	0.0094	1	72994
10FWA-DMW1-SO-C07	21981-5	SW8270	bis-(2-Chloroethyl)ether	ND	0.012	0.037	0.12	0.0022	1	72994
10FWA-DMW1-SO-C07	21981-5	SW8270	n-Nitrosodi-n-propylamine	ND	0.012	0.037	0.12	0.0011	1	72994
10FWA-DMW1-SO-C07	G0J050491005	SW8330	1,3-Dinitrobenzene	ND	0.048	0.097	0.24	0.02	0.97	0281236
10FWA-DMW1-SO-C07	G0J050491005	SW8330	2,4-Dinitrotoluene	ND	0.019	0.097	0.24	0.0093	0.97	0281236
10FWA-DMW1-SO-C07	G0J050491005	SW8330	2,6-Dinitrotoluene	ND	0.029	0.097	0.24	0.0094	0.97	0281236
10FWA-DMW1-SO-C07	G0J050491005	SW8330	2-Amino-4,6-dinitrotoluene	ND	0.097	0.097	0.24	0.029	0.97	0281236
10FWA-DMW1-SO-C07	G0J050491005	SW8330	2-Nitrotoluene	ND	0.078	0.097	0.24	0.025	0.97	0281236
10FWA-DMW2-SO-C03	21981-1	SW8260B	1,2,3-Trichloropropane	ND	0.015	0.038	0.05	0.00053	1	73143
10FWA-DMW2-SO-C03	21981-1	SW8260B	1,2-Dibromoethane	ND	0.013	0.038	0.05	0.00016	1	73143
10FWA-DMW2-SO-C03	21981-1	SW8260B	1,2-Dichloroethane	ND	0.013	0.038	0.05	0.016	1	73143
10FWA-DMW2-SO-C03	21981-1	SW8260B	Chloromethane	ND	0.13	0.38	0.5	0.21	1	73143
10FWA-DMW2-SO-C03	21981-1	SW8260B	Dibromochloromethane	ND	0.013	0.038	0.05	0.032	1	73143
10FWA-DMW2-SO-C03	21981-1	SW8260B	Methylene chloride	ND	0.013	0.038	0.05	0.016	1	73143
10FWA-DMW2-SO-C03	21981-1	SW8270	2,4-Dinitrotoluene	ND	0.003	0.036	0.12	0.0093	1	72994
10FWA-DMW2-SO-C03	21981-1	SW8270	2,6-Dinitrotoluene	ND	0.0049	0.0096	0.12	0.0094	1	72994
10FWA-DMW2-SO-C03	21981-1	SW8270	bis-(2-Chloroethyl)ether	ND	0.012	0.036	0.12	0.0022	1	72994
10FWA-DMW2-SO-C03	21981-1	SW8270	n-Nitrosodi-n-propylamine	ND	0.012	0.036	0.12	0.0011	1	72994
10FWA-DMW2-SO-C03	G0J050491001	SW8330	1,3-Dinitrobenzene	ND	0.048	0.096	0.24	0.02	0.96	0281236

Sample ID	Lab Sample ID	Method	Analyte	Result	MDL (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)	ADEC Cleanup Level (mg/kg)	Dilution Factor	QC Lot No.
10FWA-DMW2-SO-C03	G0J050491001	SW8330	2,4-Dinitrotoluene	ND	0.019	0.096	0.24	0.0093	0.96	0281236
10FWA-DMW2-SO-C03	G0J050491001	SW8330	2,6-Dinitrotoluene	ND	0.029	0.096	0.24	0.0094	0.96	0281236
10FWA-DMW2-SO-C03	G0J050491001	SW8330	2-Amino-4,6-dinitrotoluene	ND	0.096	0.096	0.24	0.029	0.96	0281236
10FWA-DMW2-SO-C03	G0J050491001	SW8330	2-Nitrotoluene	ND	0.077	0.096	0.24	0.025	0.96	0281236
10FWA-DMW2-SO-C04	21981-2	SW8260B	1,2,3-Trichloropropane	ND	0.013	0.033	0.044	0.00053	1	73143
10FWA-DMW2-SO-C04	21981-2	SW8260B	1,2-Dibromoethane	ND	0.011	0.033	0.044	0.00016	1	73143
10FWA-DMW2-SO-C04	21981-2	SW8260B	1,2-Dichloroethane	ND	0.011	0.033	0.044	0.016	1	73143
10FWA-DMW2-SO-C04	21981-2	SW8260B	Chloromethane	ND	0.11	0.33	0.44	0.21	1	73143
10FWA-DMW2-SO-C04	21981-2	SW8260B	Dibromochloromethane	ND	0.011	0.033	0.044	0.032	1	73143
10FWA-DMW2-SO-C04	21981-2	SW8260B	Methylene chloride	ND	0.011	0.033	0.044	0.016	1	73143
10FWA-DMW2-SO-C04	21981-2	SW8270	2,4-Dinitrotoluene	ND	0.0025	0.029	0.098	0.0093	1	72994
10FWA-DMW2-SO-C04	21981-2	SW8270	bis-(2-Chloroethyl)ether	ND	0.0097	0.029	0.098	0.0022	1	72994
10FWA-DMW2-SO-C04	21981-2	SW8270	n-Nitrosodi-n-propylamine	ND	0.0095	0.029	0.098	0.0011	1	72994
10FWA-DMW2-SO-C04	G0J050491002	SW8330	1,3-Dinitrobenzene	ND	0.05	0.10	0.25	0.02	1	0281236
10FWA-DMW2-SO-C04	G0J050491002	SW8330	2,4-Dinitrotoluene	ND	0.02	0.10	0.25	0.0093	1	0281236
10FWA-DMW2-SO-C04	G0J050491002	SW8330	2,6-Dinitrotoluene	ND	0.03	0.10	0.25	0.0094	1	0281236
10FWA-DMW2-SO-C04	G0J050491002	SW8330	2-Amino-4,6-dinitrotoluene	ND	0.1	0.10	0.25	0.029	1	0281236
10FWA-DMW2-SO-C04	G0J050491002	SW8330	2-Nitrotoluene	ND	0.08	0.10	0.25	0.025	1	0281236
10FWA-DMW2-SO-C04	G0J050491002	SW8330	Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND	0.04	0.10	0.25	0.04	1	0281236
10FWA-DMW-SO-TB02	21981-6	SW8260B	1,2,3-Trichloropropane	ND	0.012	0.03	0.04	0.00053	1	73143
10FWA-DMW-SO-TB02	21981-6	SW8260B	1,2-Dibromoethane	ND	0.010	0.03	0.04	0.00016	1	73143
10FWA-DMW-SO-TB02	21981-6	SW8260B	1,2-Dichloroethane	ND	0.010	0.03	0.04	0.016	1	73143
10FWA-DMW-SO-TB02	21981-6	SW8260B	Chloromethane	ND	0.100	0.3	0.4	0.21	1	73143
10FWA-DMW-SO-TB02	21981-6	SW8260B	Methylene chloride	ND	0.010	0.03	0.04	0.016	1	73143

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 blanks had results that were nondetect or less than ½ the LOQ.

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

      No samples were affected.

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

      No data flags were required.

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

      There was no effect on the data quality or usability.

   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:

All LCS recoveries were acceptable, with the following exceptions:

- AK101 – Recovery of GRO in the LCSD associated with batch 73024 exceeded the upper control limit of 120% at 121%. As this indicates a high bias and all associated sample results were nondetect, no data were qualified and there was no effect on the data quality or usability.
- SW8260 - Recovery of acetone in the LCS associated with batch 73143 exceeded the upper control limit of 120% at 172%. As this indicates a high bias and all associated sample results were nondetect, no data were qualified and there was no effect on the data quality or usability.

In accordance with the project QAPP, the MS/MSD sample recoveries were not evaluated and no data flags were required if the native sample concentration was greater than ½ the spike amount or if the samples were diluted by a factor of 5 or more. All MS/MSD recoveries were acceptable, with the following exceptions:

- SW8260 – Recovery of acetone in the MS and MSD for sample 10FWA-DMW1-SO-C06 and associated with batch 73143 exceeded the upper control limit of 160% at 176% and 203%, respectively. As this indicates a high bias and the associated sample result was nondetect, no qualifier was required and there was minimal effect on the data.
- SW8270 - Recovery of several analytes (including 2,4-dinitrotoluene, 2,6-dinitrotoluene, 2-methylnaphthalene, 3-methylphenol/4-methylphenol, 4-chlorophenyl phenyl ether, 4-nitroaniline, acenaphthalene, and bis-(2-chloroethoxy)methane) exceeded the upper control limit in either the MS and/or MSD for sample 10FWA-DMW1-SO-C06 associated with batch 72994. As this indicates a high bias and all associated sample results for these analytes were nondetect, no qualifiers were required and the effect on the data was minimal.

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:

SW6020 - The RPD for selenium in the duplicate analysis of sample 10FWA-DMW1-SO-C06DU was outside advisory QC limits due to analyte concentrations near the reporting limit.
Recovery and/or RPD values for several of the solid matrix spike/matrix spike duplicate compounds were outside advisory QC limits. Matrix interference is indicated based on acceptable LCS/LCSD recovery and/or RPD.
SW8260B - The RPD for MS/MSD recoveries of 1,2,3-Trichlorobenzene for sample 10FWA-DMW1-SO-C06 in batch 73283 was outside advisory QC limits. The recoveries of this compound in both the MS and MSD were within quality control limits.

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

Comments:

No results were adversely affected.

vi. Do the affected sample(s) have data flags? If so, are the data flags clearly defined?
☐Yes ●No ☐NA (Please explain.) Comments:

No data flags were required.

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

There was no effect on the data quality or usability.

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:

All surrogate recoveries for samples with a dilution factor less than 5 were acceptable. In accordance with the project QAPP, surrogate recovery was not evaluated and no data flag was required if the sample was diluted by a factor of 5 or more.

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:

There was no effect on the data quality or usability.

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:

No analytes were detected above ½ the LOQ in the trip blanks.

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

No samples were affected.

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

There was no effect on data quality or usability.

e. Field Duplicate

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

One field duplicate sample was submitted and analyzed for this sample delivery group. The overall field duplicate frequency for the project was met.

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

No field duplicate sample was submitted or analyzed for this sample delivery group.

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 167 pairs of duplicate results, 155 pairs had both results that were nondetect. For the remaining 12 pairs of results, 11 had RPD ≤50%. One pair of SW8270 results had RPD between bis-(2-Ethylhexyl)phthalate results that was 89% which exceeds the limit of 50%.

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

Comments:

The RPD exceedance was due to J flag detections of the analyte close to the detection limit. Both results are between the MDL and the LOQ and are considered estimated. Therefore, there was no effect on data quality or usability.

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

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

No decon/equipment blanks were required for this sampling event.

i. All results less than PQL?

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

No decon/equipment blanks were required for this sampling event.

ii. If above PQL, what samples are affected?

Comments:

No samples were affected.

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

Comments:

There was no effect on data quality or usability.

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

a. Defined and appropriate?

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

No other data flags were required.

Laboratory Data Review Checklist

Completed by: Kelly Carson

Title: Jacobs Project Chemist

Date: February 2, 2011

CS Report Name: Pre-Draft Deep Groundwater Monitoring Wells Installation After-Action Report

Report Date: February 2011

Consultant Firm: Jacobs Engineering Group Inc.

Laboratory Name: TestAmerica-Seattle

Laboratory Report Number: 580-22143

ADEC File Number:

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 except for explosives (SW8330), which were analyzed at TestAmerica West Sacramento.

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:

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 samples were received in good condition.

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:

There was a discrepancy between labels on the 12 VOA vials for sample 10FWA-DMW-WW01. 6 VOA vials were labeled "TB" although they were obviously samples. There were also 6 additional VOA vials labeled by the laboratory as trip blanks. There was an additional discrepancy between the times listed on the containers and the CoC for samples 10FWA-TAKU-WG-DMW2 and 10FWA-TAKU-WG-DMW2B. The sample containers were confirmed to be correct.

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

Comments:

There was no effect on the data quality or usability.

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:

All QC items identified in the case narrative are discussed in the relevant sections of this checklist. Additional QC items include:

- AK103 – The LCS exceeded control limits for batch 580-73711. These analytes were biased high in the LCS. The entire batch was re-prepared and re-analyzed.
- SW8260 - The continuing calibration verification (CCV) for analytical batch 580-73814 exceeded -20%D control criteria for Hexachlorobutadiene and Tetrachloroethene. In addition, the ICV associated with the batch exceeded +/-20%D criteria for Chloromethane and Vinyl Acetate. All associated samples were re-analyzed for these compounds.
- SW8260 - The re-analysis of samples 10-FWA-DMW-TB01 (580-22143-5), 10-FWA-DMW-WW01 (580-22143-1), 10-FWA-DMW-WW01 (580-22143-1 MS), 10-FWA-DMW-WW01 (580-22143-1 MSD) occurred outside of the 12 hour BFB tune and CCVIS windows due to an autosampler error which caused an 8 hour delay in the sequence. The samples were re-analyzed again, but as this second re-analysis was outside of analytical hold time, the results in the first re-analysis were reported as primary and the second re-analysis as secondary.
- SW8260 - The continuing calibration verification (CCV) for analytical batch 580-73814 recovered above the +20%D control criteria for Acetone, Bromomethane, Trichlorotrifluoromethane, Vinyl Chloride, Dichlorodifluoromethane and Chloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, in consultation with the client, the data have been flagged "Q" and reported.

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:

Data were reported from the original analysis for SW8260. Therefore, there is no effect on the data usability. Data quality and usability are also addressed in each section of the checklist with regard to the QC item in question.

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:

c. All soils reported on a dry weight basis?

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

No soil samples were submitted or analyzed for this sample 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:

Reporting limits for nondetect results were evaluated against ADEC cleanup levels. If the reporting limit (LOQ) exceeded the cleanup level, the LOD was evaluated. Several SW8260B, SW8260 Low level, and SW8270 analytes had LODs that exceeded the cleanup level for nondetect results. All analytes with nondetect results that had LODs that exceeded the ADEC cleanup levels are presented in the following table (see next page).

e. Data quality or usability affected?

Comments:

Cleanup levels for these analytes are lower than the current methodology can accurately distinguish. As results were nondetect and the analytes in question frequently have LODs that exceed the cleanup level, there was minimal effect on the data.

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 blanks had results that were less than the LOQ. RRO and hexachlorobutadiene were detected above ½ the LOQ, but all other analytes had results that were either nondetect or less than ½ the LOQ in the method blanks.

iii. If above PQL, what samples are affected?

Comments:

AK103 – RRO was detected at 0.0502 mg/L in the MB associated with batch 74137, which is greater than ½ the LOQ. This MB is associated with a batch of samples that were re-analyzed due to LCS that exceeded the control limits. Results were reported from the original analysis. RRO in the MB associated with the original analysis batch 73711 was less than ½ the LOQ, therefore no data flags were required.

SW8260B – Hexachlorobutadiene was detected at 0.00065 mg/L in the MB associated with batch 74710, which is greater than ½ the LOQ. As this indicates a high bias and all associated sample results are nondetect, no data flags were required.

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

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

No data flags were required.

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

Comments:

There was no effect on the data quality or usability.

5.d. LODs that Exceed the ADEC Cleanup Level

Sample ID	Lab Sample ID	Method	Analyte	Result	LOD (mg/L)	LOQ (mg/L)	ADEC Cleanup Level (mg/L)	Dilution Factor	QC Lot No.
10-FWA-DMW-WW01	22143-1	SW8260B	1,2-Dibromoethane	ND	0.0009	0.001	0.00005	1	73814
10-FWA-DMW-WW01	22143-1	SW8260B	1,2,3-Trichloropropane	ND	0.00045	0.001	0.00012	1	73814
10-FWA-DMW-WW01	22143-1	SW8260B	1,2-Dibromoethane	ND	0.0009	0.001	0.00005	1	73814
10-FWA-DMW-WW01	22143-1	SW8270	n-Nitrosodimethylamine	ND	0.00047	0.00094	0.000017	1	73712
10-FWA-TAKU-WG-DMW1	22143-2	SW8260L	1,2-Dibromoethane	ND	0.00005	0.0001	0.00005	1	74189
10-FWA-TAKU-WG-DMW2	22143-3	SW8260L	1,2-Dibromoethane	ND	0.00005	0.0001	0.00005	1	74189
10-FWA-TAKU-WG-DMW2B	22143-4	SW8260L	1,2-Dibromoethane	ND	0.00005	0.0001	0.00005	1	74189
10-FWA-DMW-TB01	22143-5	SW8260B	1,2,3-Trichloropropane	ND	0.00045	0.001	0.00012	1	73814
10-FWA-DMW-TB01	22143-5	SW8260B	1,2-Dibromoethane	ND	0.0009	0.001	0.00005	1	73814
10-FWA-DMW-TB01	22143-5	SW8260L	1,2-Dibromoethane	ND	0.00005	0.0001	0.00005	1	74189

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:

All LCS recoveries were acceptable, with the following exceptions:

- AK103 – Recovery of RRO in the LCS associated with batch 73711 exceeded the upper control limit of 120% at 125%. The RRO result of 0.17 mg/L for associated sample 10-FWA-DMW-WW01 was qualified JL+ and may be considered potentially biased high.
- SW8260 - Recoveries of 2-butanone, bromomethane, acetone, chloroethane, and 1,1-dichloroethene in the LCS associated with batch 73814 exceeded the upper control limits. As this indicates a high bias and all associated sample results were nondetect, no data were qualified and there was no effect on the data quality or usability.
- SW8260 - The re-analysis of samples 10-FWA-DMW-TB01 (580-22143-5), 10-FWA-DMW-WW01 (580-22143-1), 10-FWA-DMW-WW01 (580-22143-1 MS), 10-FWA-DMW-WW01 (580-22143-1 MSD) occurred outside of the analytical hold time. The LCS associated with this batch had no recovery of vinyl acetate, therefore the results were reported from the original analysis.

In accordance with the project QAPP, the MS/MSD sample recoveries were not evaluated and no data flags were required if the native sample concentration was greater than ½ the spike amount or if the samples were diluted by a factor of 5 or more. All MS/MSD recoveries were acceptable, with the following exceptions:

- SW8151A – Recovery of dinoseb in the MS performed for sample 10-FWA-DMW-WW01 and associated with batch 73783 exceeded the upper control limit of 95% at 103%. As this indicates a high bias and the associated sample result was nondetect, no data flag was required and there was no effect on the data.
- SW8260 - Recovery of chloroethane and bromomethane in the MS and MSD performed for sample 10-FWA-DMW-WW01 and associated with batch 73814 exceeded the upper control limits. As this indicates a high bias and the associated sample results were nondetect, no data flags were required and there was no effect on the data.
- SW8270 – Recovery of bis-(2-ethylhexyl)phthalate in the MS and 4-Chloro-3-methylphenol in the MSD performed for sample 10-FWA-DMW-WW01 and associated with batch 73712 exceeded the upper control limits. Pyridine also exceeded the upper laboratory limit in the MSD. As this indicates a high bias and the associated sample results were nondetect, no qualifiers were required and there was no effect on the data.
- SW8270 – Recovery of 3,3'-dichlorobenzidine was less than the lower control limit of 20% in the MS (2%) and MSD (2%) for sample 10-FWA-DMW-WW01 associated with batch 73712. The associated 3,3'-dichlorobenzidine result for sample 10-FWA-DMW-WW01 was nondetect and was qualified JM- to indicate the matrix interference.

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:

SW8270 – The RPD for MS/MSD recoveries of sample 3,3'-dichlorobenzidine in the MS/MSD performed for sample sample 10-FWA-DMW-WW01 and associated with batch 73712 was 36% which exceeded the limit of 30%. Both MS and MSD recoveries were significantly below control limits.

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

Comments:

The RRO result of 0.17 mg/L for associated sample 10-FWA-DMW-WW01 was qualified JL+ and may be considered potentially biased high.

The nondetect 3,3'-dichlorobenzidine result for sample 10-FWA-DMW-WW01 was qualified JM- due to matrix interference.

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

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

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

Comments:

AK103 – The RRO result for sample 10-FWA-DMW-WW01 may be considered potentially biased high. As this indicates a high bias and the result is less than the ADEC cleanup level, there was no effect on the data usability.

SW8270 – The nondetect 3,3'-dichlorobenzidine result for sample 10-FWA-DMW-WW01 may be considered potentially biased low. The ADEC cleanup level for 3,3'-dichlorobenzidine is 0.19 mg/kg. Acceptable recoveries in the LCS indicate that the low recovery is due to matrix interference.

6.b. Laboratory Control Spike and Matrix Spike Recoveries that Exceed Quality Control Limits

Sample ID	Lab Sample ID	Method	Analyte	% Recovery	LCL	UCL	Result (mg/L)	MDL/LOD[1] (mg/L)	LOQ (mg/L)	Qualifier	QC Lot No.
LCS	73711-2	AK103	RRO	125	60	120	-	-	-	-	73711
10-FWA-DMW-WW01	22143-1	AK103	RRO	-	-	-	0.17	0.026	0.097	JL+	73711
MS	22143-1MS	SW8270	3,3'-Dichlorobenzidine	2	20	110	-	-	-	-	73712
MSD	22143-1MSD	SW8270	3,3'-Dichlorobenzidine	2	20	110	-	-	-	-	73712
10-FWA-DMW-WW01	22143-1	SW8270	3,3'-Dichlorobenzidine	-	-	-	ND	0.000057	0.00094	JM-	73712

Note:
[1] LOD is presented for nondetect results.

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:

All surrogate recoveries for samples with a dilution factor less than 5 were acceptable. In accordance with the project QAPP, surrogate recovery was not evaluated and no data flag was required if the sample was diluted by a factor of 5 or more.

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:

There was no effect on the data quality or usability.

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:

No analytes were detected above the LOQ in the trip blanks. However, naphthalene was detected at 0.0005 mg/L in the trip blank associated with CoC 2010FWATAKU83, , which is greater than ½ the LOQ. As this indicates a high bias and all associated sample results were nondetect, no data flags were required and there was no effect on the data.

iv. If above PQL, what samples are affected?

Comments:

No data flags were required and no samples were adversely affected.

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

Comments:

There was no effect on data quality or usability.

e. Field Duplicate

i. One field duplicate submitted per matrix, analysis and 10 project samples?

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

One field duplicate sample was submitted and analyzed for this sample delivery group.

ii. Submitted blind to lab?

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

No field duplicate sample was submitted or analyzed for this sample delivery group.

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:

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

Comments:

There was no effect on the data quality or usability.

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

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

No decon/equipment blanks were required for this sampling event.

i. All results less than PQL?

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

No decon/equipment blanks were required for this sampling event.

ii. If above PQL, what samples are affected?

Comments:

No samples were affected.

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

Comments:

There was no effect on data quality or usability.

7. Other Data Flags/Qualifiers (ACOE, AFCEE, Lab Specific, etc.)
   a. Defined and appropriate?
      ☐Yes ☐ No ●NA (Please explain.) Comments:

No other data flags were required.

ATTACHMENT C-3

Laboratory Deliverables

(Provided as electronic files separately on CD)

APPENDIX D

Field Logbooks

Including groundwater monitoring sheets and soil boring logs

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7/12/10 - 7/23/10

CONTENTS

PAGE	REFERENCE	DATE

TAR II GROUNDWATER SPRING '10 7/12/10

0700 meet for morning tailgate
0730 M. DeRaps heads out to calibrate YSIs & turbiditmeters
A. Croan & C. Jelle head out to drop off samples & get supplies
get all supplies & paperwork ready for groundwater sampling
go over SPAs & plan of action w/ sampling team
1100 head out to begin sampling MW-13
S. Hadden, M. DeRaps, A. Croan & C. Jelle go over sampling & purging methods

1300 M. DeRaps & S. Hadden back to office trailer for lunch

1400 C. Jelle & A. Croan finish sampling MW-13 and break for lunch

Scale: 1 square = _____

Take GWSPG '10 7/12/10

1500 A Croan, C. Jelle, & S. Hadden head to MW-39 to begin collecting. this well will have field dup's, MS/MSD collected.
get A Croan set up

1530 get C. Jelle set up at MW-78

Summary: 7/12

MWs 13, 39, 78 sampled
est. ≈ 10 gal Purge GW Waste

7/13

0700 - Tailgate

0800 - Calibrate DO on 2 YSI
- AC dumping purge waste into 55-gal drum
- "Bump" test YSI using confidence solution

- calibrate conduct on AD
- calibrate PH & conduct YSI AR on

0849 - AC & CJ get set up to purge & sample mw61 & mw80

PID @ mw61 - 0.5ppm
mw80 - 0.7ppm
~~mw56~~ -

1030 - AC finishes mw61 moves to mw56

1104 - CJ finishes 80 - decons & cleans up @ mw61 + 80

1138 - A. Croan finishes sampling MW 56
- clean up - leave site for lunch

1315 - Back @ site AC & CJ
AC to MW 47 start time 1325
CJ to 79 start time 1339

1440 - AC finish MW 47
* Decon/ cleanup of MW & equip included in each smp event, mark MW outside w/ chalk ✓
- AC Move to MW 48
1500 - start MW 48, AC
1530 - CJ finishes MW 79
moves to MW 69
1540 - CJ starts MW 69
1625 - AC ~~move~~ finishes MW 48
- moves to MW 69 to assist CJ and catch up log book/ Notes /prep to lv site
1705 - AC & CJ complete MW 69
- Head to field office

Scale: 1 square = _____

Summary: 7/13/10

MWs ~~79~~ 61, 80, 56, 47, 48, & 69 sampled
est. ≈ 20 gallons Purge FW Waste

Scale: 1 square = _____

7/14/10

0730 tailgate
0730 Cal'd PID 0 & 100
0800 ~~Called~~ Cal'd DO & conductivity
- confidence checked YSI's
0900 - moved to MW26
~~0914 - PID well~~
0915 - Begin well/PID/Purge (0.6ppm)
1117 - complete MW26
1130 - AC starts MW70
1134 - CJ starts MW70
1300 - AC completes MW ~~26~~ 70
CJ Completes MW53
1325 - Back to office, sample maint.

1430 - Back to site
mw33 - PID = 25.2 - leave
well open + go to
set up mw64

1452 - MW64 - PID = 0.6 ppm

1500 - mw33 - PID > 25
leave cap off and
move to mw62

Scale: 1 square = _____

1500 - AC start purging mw64
- Four sets of glass including
MS, MSD & Dup

1515 - CJ starts mw62

1725 - CJ finishes mw62

Summary 7/14

MW 26, 70, 53, 64

est. ≈ 15 gallons Purge GW Waste

(none w/ PCB's)

Scale: 1 square = _____

7/15/10

0700 - tailgate
0730 - PID cal 0 & 100
- YSI's - Calibrate
~~0~~ - Gear up
0900 - AC Starts MW12 (& Dup of)
0904 - CJ starts MW33
1043 - CJ finishes 33 & Begins 32
1130 - AC finishes MW12
1130 - move to 32 w/ CJ
1230 - Complete MW32
1235 - sample/gear maint - to field office
1415
~~1400~~ - start MW03 (& Dup of)
10FWAMW03 - GWS
& 10FWAMW03 - GWBS
CJ & AC
1615 - Complete MW03
1620 - LV to field office

Summary 7/15

MW's 03, 12, 32 & 33 completed
(03 w/ PCB's)
est ~ 6.5 gallons Purged

Scale: 1 square = _____

7/16/10

0700 - tailgate
0730 - Bump test PID & YSI's
- calibrate 1 YSI, all good
0854 - CJ setup & smp's MW76
1030 - MW76 complete
1105 - setup MW81
1300 - complete MW81

NOTES: Sample maint. & cooler shipments done today by AC & CJ

Summary 7/16

MW's 76, 81 sampled

= 7.0 gal Purge GW Waste

Top off 1st 55 gal Drum, begin 2nd at TAKU Field Office

Scale: 1 square = _____

7/17/10

0700 - tailgate
0730 - Bump test PID & YSI's
- Cal 1 YSI, all good
0815 - Attempt to locate MW58
located around playground
of school BLDG 4391, inside
fenced area
0845 - Scott & Mitch bring out 2
Schondedts to help locate,
0915 - unable to find MW58, CJ &
AC move to MW37 & MW35,
Scott & Mitch IV site
0930 - AC starts MW37
0950 - CJ starts MW35
1030 - visit by Jon & Marty
1110 - AC completes well 37
1115 - CJ complete well ~~30~~ 35
- all off site, to JAKU F.O.
1145 - coordinate w/ Dayon east of
project for MW89, open
7:30 to 15:30 daily
1200 - back @ F.O., sample maint.
- catch up on log
- attempt to find old info on MW58

Scale: 1 square = _____

1245 - Head out to MW36 & 58
1300 - AC starts MW36
- MG & JM & CJ find MW58
1315 - MG & JM off site
1327 - CJ starts MW58
NOTE: MW36 lock was broke, cap
for metal outer casing bent &
wobbles, possibly knocked over, pile
of fill sand same distance away
1410 - AC finishes MW36
- moves to MW58
1515 - Done sampling MW58
- offsite

Summary: 7/17/10

MW's 35, 34, 37 & 58 sampled

est. 8.75 gallons purge GW Waste

Scale: 1 square = _____

~~7/18/10~~ 7/19/10
0700 tailgate
0730 - Cal PID & VSI's
0 & 100, all good
0900 - AC & CJ out to site
0900 - AC starts MW08
10FWA MW08 - GWS
0912 - CJ starts MW57
10FWA MW08 - GWS
* both w/ 1 set each
(10) 1L amber UNP (ex. explosives)
(2) 1L amber HCL (TKN/NO3/NO2)
(1) 500ml Poly HNO3 (metals)
(9) VOA HCL
* see MW sheets *
1035 - AC finishes MW08
1050 - CJ finishes MW57
- AC & CJ move to next wells
1100 - AC starts MW06A
1119 - CJ starts MW43
1249 - CJ finishes MW43
1338 - AC finishes MW06A
1340 - CJ & AC back to F.O. snp maint.
1415 - CJ/AC/SH to MW38 & MW77
- NO F.P. @ either
1430 - SH leaves

Scale: 1 square = _____

7/19/10
1430 - AC/CJ start MW38
- MW77 PID @ 16.7PPM,
- Depth GW 18.48
- TOT Depth 22.55
- Will restart MW77 7/20
1710 - AC & CJ complete MW38
- Return to F.O.

Summary: 7/19

MW's 08, 57, 06A, 43, & 38 sampled

est. Purge GW Waste 14.25 gal

Scale: 1 square = _____

7/20/10

0700 tailgate
0730 - Cal. PID 0 & 100
Cal YSIs - all good

0800 - CJ setup on MW40
0830 - AC setup on MW45

1115 - CJ to MW77
- PID reading 11.0 ppm
- Leave well open

1120 - CJ & AC to MW84
- Replace tubing in well for monitoring
1250 - Complete MW84
- smp mmt - to F.O.
1400 - AC starts MW83
southwest corner of barracks bldg based on map, not marked
Well outer casing lock cap not secured to pipe

Scale: 1 square = _____

Doyon # 455-1570/71

1410 - CJ starts MW82
1520 - CJ & AC complete 82 & 83
1530 - PID reading > 5.0 PPM at MW77 20 to 25 PPM
- looked at MWs east of TAKU for next day
1550 - off site

Summary 7/20/10

MWs 40, 45, 82, 83, 84 sampled

- 12.75 Gal Waste Purged

Scale: 1 square = _____

7/23/10

0700 - tailgate

0730 - Cal'ed PID 0 & 100
- YSIs Cal'ed - good

0815 - Head to site
- Overcast
- Calm, 58°F

~~0820~~ - AC & JY setup MW 85 for Sampling
10FWAMW85-GWS (MS/D)
10FWAMW85-GWBS (Dup)

0910 - AC sets up to sample @ MW89
10FWAMW89-GWS

1100
~~0910~~ - AC & ~~CJ~~ JY complete 85 & 89
- JY begins MW 86

1110 - AC begins MW 87

1240 JY WRESTS LOGBOOK FROM AC. BREAK FOR LUNCH

1340 JY & AC ARRIVE AT MW-90

1341 JY & AC REALIZE BUCKETS WERE LEFT IN THE YARD AND RETURN TO TAKE

1350 JY/AC SETS UP ON MW90
10FWA-MW90-GWS

1410 AC SETS UP AT MW-~~89~~ 88
10FWA-MW~~89~~88-GWS

1445 BEGIN SAMPLE COLLECTION MW90. COLLECT VOAS THEN PUMP SHUTS OFF

1446 JY SHUTS OFF

1450 SITUATION ASSESSMENT CONTINUES. FAULTY WIRING ON THE PUMP. ~~[illegible]~~ JM ~~[illegible]~~ JM

1500 JY FIXES PUMP. BEGINS PUMPING. WILL SPOT CHECK PARAMETERS TO CONFIRM STABILIZATION

1510 BEGIN COLLECTION. SEE GWM FORM.

1535 DEPART SITE TO SAMPLE MW-77

1540 BEGIN SAMPLING MW-77

1750 DEPART MW-77 FOR SAMPLE MANAGEMENT. END OF DAY

7/23

7/23 Summary
MWs 85, 86, 87, 88, 89, 90, 77
Purge Waste ≈ 23.5 gal

Scale: 1 square = _____

Site Name: TAKU GARDENS	Well ID: MW-03		Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/15/10			
Start Time: 1415	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1615			Turbidity ±10% NTU
Sampled By: ACIC			
PID Reading: 0.0			
Weather Conditions: Cloudy, still			
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: 1415	Depth to Product: —	Purging Equipment
Finish Time: 1445	Depth to GW: 15.94	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.29	☐ 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)
1420	.1	6.55	322	4.91	17.7	1.86	-77.9	15.97
1426	.5	6.61	318	4.28	11.4	0.50	-81.7	15.94
1431		6.63	316	4.17	18.5	0.38	-82.7	
1437		6.66	317	4.03	18.5	0.42	-80.6	
1444	1.50	6.69	317	4.00	17.9	0.37	-82.4	15.94

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: 7/15	Sampling Equipment
Start Time: 1447	☐ Bailer
Finish Time: 1611	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWA~~03~~ MW03-GWS	(10) 1L Amb	8270C, 8270SIM, 8082, 8081A, 8151	none	
	(2) 1L Amb	AK 102/103	HCl	
	(9) 40mL VOA	8260C, 8260SIM AK101	HCl	
	(1) 500mL Poly	6010/6020/7470	HNO_3	
	(4) 1L Amb	8082 (PCB)	none	MS/MSD

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
10FWA~~03~~ MW03-GWBS (8082 Only)		

extra glass [(2) - 1L for GWBS (4) - 1L for MS/MSD] 8082 UNP

Site Name: TAKU GARDENS	Well ID: MW06A	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/19/10		
Start Time: 1100	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time: 1338		
Sampled By: ANDREW CROAN		Turbidity ±10% NTU
PID Reading: 5.4 PPM		
Weather Conditions: Dust 60°F calm		

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: 1113	Depth to Product: —	**Purging Equipment**
Finish Time: 1206	Depth to GW: 16.40	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.69	☐ 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)
1115	0.1	6.96	368	4.56	105	13.24	-75.4	16.42
1120	0.5	7.08	363	3.99	34.0	9.66	-58.0	16.42
1125	1.0	7.23	360	3.81	13.0	7.60	-61.6	16.42
1130	1.5	7.38	357	3.86	7.48	6.39	-59.0	
1135	2.0	7.53	357	3.91	4.31	6.40	-62.8	
1140	2.5	7.62	357	4.10	2.72	5.52	-58.6	
1145	3.0	7.77	361	4.42	2.93	6.07	-62.2	
1150	3.25	7.81	364	4.80	3.23	6.62	-67.7	16.41
1155	3.50	7.82	369	5.25	4.22	7.37	-68.3	
1200	3.75	7.82	370	5.18	2.77	8.10	-72.5	
1205	4.0	7.77	370	5.18	4.14	8.19	-67.8	

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: 7/19/10	**Sampling Equipment**
Start Time: 1207	☐ Bailer
Finish Time: 1338	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
DFWAMW06A-GWS	(10) 1L amber	8081A/8151/8321/8270 SIM/8270	UNP	
	(2) 1L amber	AK 102/103	HCL	
	(1) 500ml poly	7470/6010/6020	HNO3	
	(9) 40ml VOA	AK101/8260/8260 SIM	HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW08		Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:			Conductivity ± 3%
Date: 7/19/10	Well Material: ☒ PVC ☐ Stainless Steel		
Start Time: 0900			
Finish Time: 1035	Well Integrity: ☒ Excellent ☐ Good		Temp. ±0.2° C
Sampled By: Andrew Crown			
PID Reading: 0.0 PPM	☐ Fair		Turbidity ±10% NTU
Weather Conditions: Overcast light rain 60°F	☐ Poor		
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: 0915	Depth to Product:	Purging Equipment
Finish Time: 0946	Depth to GW: 18.65	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.29	☐ 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)
0920	0.25	6.43	405	5.95	11.2	62.27	119.3	18.75
0925	0.75	6.48	393	5.71	7.58	26.01	39.6	18.74
0930	1.25	6.54	392	5.70	2.02	24.26	27.5	18.725
0935	1.75	6.62	391	5.73	2.47	18.90	22.5	18.75
0940	2.25	6.64	392	5.66	2.50	17.31	19.0	18.73
0945	2.75	6.68	391	5.65	1.23	16.17	16.0	18.77

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: 7/19/10	Sampling Equipment
Start Time: 0947	☐ Bailer
Finish Time: 1030	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW08-GWS	(10) 1L amber	8081A/8151/8270/8270 SIM/8321	UNP	
	(3) 1L amber	AK102/103	HCL	
	(1) 500ml Poly	6010/6020/7470	HNO3	
	(9) 40ml VOA	AK101/8260/8260 VGC	HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW12	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☒ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/15/10		
Start Time: 0900	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time: 1130		Turbidity ±10% NTU
Sampled By: ANDREW CROAN		
PID Reading: 0.0		
Weather Conditions: OC light breeze		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
☒ Oil/Water Interface	☐ 2	☐ 0.17	☐ 0.0069
☐ Electronic Water Indicator	☒ 1.4	☐ 0.66	☐ 0.0280
☐ Other_____	☐ 4		

Purging Information

Start Time: 0905	Depth to Product: —	**Purging Equipment**
Finish Time: 0927	Depth to GW: 12.68	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.34	☐ 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)
0905	0.1	6.24	319	5.75	2.37	9.74	-27.0	12.68
0910	0.25	6.16	316	5.49	1.53	0.95	-33.6	12.68
0915	0.5	6.17	315	5.48	1.21	1.52	-25.0	12.68
0920	1.0	6.25	317	5.42	1.12	0.80	-16.8	12.68
0925	1.25	6.30	318	5.40	1.26	0.58	-18.1	12.68

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: 7/15/10	**Sampling Equipment**
Start Time: 0928	☐ Bailer
Finish Time: 1125	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW12-GWS	2-1L amber	AK 102/103	HCL	
	10-1L amber	8081A/8332/8151	UNP	8270 SVOC/SIM
	1-500ml poly	6010/6020/7470	HNO3	
	9-VOA 40ml	AK 101/8260 VOC/SIM	HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
10FWAMW12-GWBS		

take depth on N. side

Site Name: Taku	Well ID: MW-13		Acceptable Range for Field Parameters
Site ID: SubArea D	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: 05752001	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/12/10			
Start Time: 1115			Temp. ±0.2° C
Finish Time:	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Sampled By: SH			
PID Reading: 0.0 ppm			
Weather Conditions: Winds from the SW sunny, ~70's			
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: 11:28	Depth to Product: NA	Purging Equipment
Finish Time: 1240	Depth to GW: 16.21'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.7'	☐ Submersible Pump
	Product Thickness: NA	☑ 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. ~~(pH)~~ (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft) Depth to GW
1145 ~~1200~~	0.5	6.81	448	4.35	17.6	1.33	-9	16.26'
1155	1	6.73	440	4.40	11.5	1.33	-0.2	16.26'
1200	1.25	6.71	439	4.51	4.62	1.34	2.7	
1205	~~6~~ 2	6.72	440	4.41	3.80	1.34	5.0	16.26
1210	2.25	6.64	442	4.81	1.64	1.21	4.2	16.27
1215	2.5	6.61	445	5.13	1.72	1.36	5.1	16.26
1220	3	6.61	444	4.93	1.49	1.32	3.8	
1225	3.25	6.59	437	4.21	2.48	1.56	5.4	

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: 7/12/10	Sampling Equipment
Start Time: 1242	☐ Bailer
Finish Time:	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW13-GWS		~~101, 102, 103~~		
•	9 VOA's	AK101, SW8260, SW8260 SIM	HCl	
•	10 1L	SW8081A, SW8082, SW8151, SW8270 SIM	none	SW8270C
•	2 1L	AK102/103,	HCl	
•	1 500mL poly	SW6010, SW6020, SW7470	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW26	Well ID: MW26		**Acceptable Range for Field Parameters**
Site ID: Takuew	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1-20-12 Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/14/10			Temp. ±0.2° C
Start Time: 915	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Finish Time: 1117			
Sampled By: AC/CJ			
PID Reading: 0.6 ppm			
Weather Conditions: light wind - 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: 915 Finish Time: 1007	Depth to Product: — Depth to GW: 14.87 Total Depth (T.D.) of Well Casing: 19.64 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)
918	.1	6.52	350	5.22	32.4	7.06	158.3	14.97
927	.5	6.39	353	5.15	5.86	1.97	117.7	14.99
932		6.81	353	4.99	2.42	1.64	91.7	14.99
938	1	6.95	359	5.43	1.13	1.20	83.2	14.97
943	1.5	7.11	360	5.16	0.90	1.29	75.3	
948	2	7.17	359	5.09	0.71	1.17	70.9	14.96
953	2.5	7.24	361	5.48	0.43	1.15	57.6	
958	2.75	7.29	362	5.43	0.54	1.31	51.0	14.98

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: 1007 Finish Time: 1117 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FLUAMW26	(10) 1L Amber	8270C, 8270Sim	—	8151, 8081A, 8321
GWS	(2) 1L Amber	AK102/103	HCl	
	(9) 40mL VOA	AK101, 8260, 8260Sim	HCl	
	(1) 500mL poly	6010, 6020, 7470	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW32	Well ID: MW32		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☐ Extraction		pH ± 0.1
Project #: TAXUS	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
1/20/12 Date: 7/15/10	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1043			Turbidity ±10% NTU
Finish Time: 1230			
Sampled By: AZ/CT			
PID Reading: 0.0			
Weather Conditions: cloudy / cold			
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: 1043	Depth to Product: —	**Purging Equipment**
Finish Time: 1125	Depth to GW: 16.83	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.54	☐ 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)
1049	.25	6.11	439	5.62	20.0	2.54	153.4	16.84
1056	.75	6.19	433	5.56	12.8	1.43	137.2	16.84
1102	1.25	6.24	419	5.58	9.12	1.09	116.7	16.84
1109	1.5	6.28	410	5.13	8.85	1.00	91.6	↓
1114	2	6.33	407	5.49	5.05	0.96	88.9	
1119	2.25	6.33	404	5.62	3.16	0.80	86.0	
1124	2.5	6.36	396	5.42	1.58	.85	78.5	

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: 7/15	**Sampling Equipment**
Start Time: 1125	☐ Bailer
Finish Time: 1225	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FUAMW32-GWS	(10) 1L Amb.	8270C, 8270SIM, 8151	8321, 8081A	
	(2) 1L Amb	AK102/103	HCl	
	(9) 40mL VOA	AK101, SW8260, 8260SIM	HCl	
	(1) 500mL poly	6010/6020/7470	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW33	Well ID: MW33		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ±0.1
1/20/12 Project #: Taku GW	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ±3%
Date: 7/15/10			
Start Time: 904	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1025			Turbidity ±10% NTU
Sampled By: AC/CJ			
PID Reading: 0.0			
Weather Conditions: cloudy/rainy			
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: 904 Finish Time: 0930	Depth to Product: Depth to GW: 15.98 Total Depth (T.D.) of Well Casing: 21.23 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)
912	.1	6.54	356	5.68	2.27	1.81	-93.4	16.01
917	.25	6.60	353	5.24	3.35	1.06	-86.7	16.01
922	.75	6.64	354	5.22	2.26	0.70	-80.7	16.01
928	1.25	6.67	358	5.30	1.97	0.49	-73.1	16.01

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: 7/15 Start Time: 0930 Finish Time: 1020 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW33	(10) 1L Amb.	8270C, 8270SIM, 8151, 8081A, 8321		
-GWS	(2) 1L Amb	AK102/103	HCL	
	(9) 40mL VOA	AK101, SW8260, 8260SIM	HCL	
	(1) 500mL Poly	SW6010/6020/7470	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW35	Well ID: MW35		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: 1/20/12	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/17/10			
Start Time: 0950	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1115			
Sampled By: AC/CT			Turbidity ±10% NTU
PID Reading: 0.6			
Weather Conditions: raining/windy			
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: 0950 Finish Time: 1019	Depth to Product: — Depth to GW: 14.61 Total Depth (T.D.) of Well Casing: 19.1 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)
953	.1	6.67	433	5.38	11.3	2.50	83.0	14.63
958	.25	6.53	430	5.31	7.59	1.10	47.1	14.63
1003	.5	6.52	426	4.92	4.38	1.17	40.1	
1008	.75	6.54	423	4.70	3.27	0.75	34.5	14.64
1013	1	6.57	423	4.63	1.94	0.76	31.4	14.63
1018	1.25	6.64	423	4.55	1.50	.88	32.2	14.63

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: 7/17 Start Time: 1019 Finish Time: 1110 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW35-OMS	(10) 1-L amber	8270, 8270 SIM, 8321, 8151, 8314,	UNP	
	(2) 1L amber	AK 101/103	HCL	
	(4) 40ml VOA	AK 101, 8260, 8020 SIM	HCL	
	1 500ml Poly	8020, 6010, 7470	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW 36	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #: 05FS0701	Well Material: ☒ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/17/10	Well Integrity: ☐ Excellent ☐ Good ☐ Fair ☒ Poor	Temp. ±0.2° C
Start Time: 1300		Turbidity ±10% NTU
Finish Time: 1440		
Sampled By: Andrew Crane		
PID Reading: 0.1 PPM		
Weather Conditions: Clear 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: 1315	Depth to Product: —	**Purging Equipment**
Finish Time: 1341	Depth to GW: 18.25	☐ 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)
1320	0.5	6.89	437	11.38	9.28	4.09	33.2	18.32
1325	1.0	6.98	437	11.53	8.74	3.41	12.9	18.33
1330	1.5	7.06	437	11.22	3.56	3.24	5.1	18.33
1335	1.75	7.10	438	11.27	3.01	3.10	3.3	18.33
1340	2.0	7.14	441	11.31	2.87	2.99	1.9	18.33

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: 7/17	**Sampling Equipment**
Start Time: 1342	☐ Bailer
Finish Time: 1435	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW36-QLS	(10) 1L amber	8081A, 8151, 8321, 8270 SIM, 8260 VOC, 8270 SIM	UNP	
	(2) 1L amber	AK 101/103	HCL	
	(2) 500ml Poly	7470, 6020, 6010	HNO3	
	(9) 40ml VOA	AK101, 8260 VOC, 8260 SIM	HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW37	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
1/20/12 Project #: 05FS0701	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/17/10		
Start Time: 0930	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time: 1110		Turbidity ±10% NTU
Sampled By: ANDREW CROAR		
PID Reading: 0.2 PPM		
Weather Conditions: RAIN 50°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: 0940 (45)	Depth to Product: —	**Purging Equipment**
Finish Time:	Depth to GW: 16.02	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.74	☐ 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) 47	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0942	0.1	6.68	344	9.97	3.0	5.34	177.8	16.09
0953	0.5	6.69	347	9.60	1.15	3.02	168.2	16.07
0959	1.0	~~9.75~~ 6.74	349	9.75	0.72	2.51	157.2	16.06
1004	1.5	6.75	349	9.74	0.50	2.53	152.6	16.06
1009	2.0	6.75	349	9.72	0.66	2.47	149.0	16.06

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: 7/17	**Sampling Equipment**
Start Time: 1010	☐ Bailer
Finish Time: 1105	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW37-FWS	(10) 1-L amber	8270, 8270 SIM, 8151, 8321, 8081/4	UNP	
	(2) 1-L amber	AK 102/103	HCL	
	(9) 40ml Vom	AK 101, 8260, 8260 SIM	HCL	
	(1) 500ml Poly	6010, 6020, 7470	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU Garden	Well ID: MW 38	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #: USF50701	Well Material: ☒ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/19/10	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1430		Turbidity ±10% NTU
Finish Time: 1710		
Sampled By: AC/GJ/SH		
PID Reading: 0.5 ppm		
Weather Conditions: Mod EQ10 Coast		

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: 1454
Finish Time: 1554

Depth to Product: —
Depth to GW: 15.31
Total Depth (T.D.) of Well Casing: 19.81
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)
1500	.1	7.79	455	7.56	45.2	26.00	-127	15.32
1505	.25	7.98	451	7.37	34.4	7.43	-97.6	15.34
1510	.5	7.95	448	7.29	26.0	5.94	-89.3	15.34
1515	1	7.80	445	6.99	16.9	5.38	-91.3	
1520	1.25	7.78	452	7.41	14.1	4.00	-87.7	
1525	1.5	7.87	451	7.11	8.73	3.77	-91.8	
1530	2.0	7.93	449	6.97	5.74	3.13	-81.3	15.31
1535	2.25	7.78	452	7.76	~~3.15~~ 4.42	3.15	-83.7	

Color
☒ Clear
☐ Cloudy
☐ Yellow
☐ Brown

Odor
☒ None
☐ Faint
☐ Moderate
☐ Strong

Purged Dry? ☐ Yes ☒ No

Sheen? ☐ Yes ☒ No

Meters Used
☐ Horiba U-10
☐ Horiba U-22
☒ Multimeter
☐ Hach

Purge Water
☐ Treated
☐ Discharged
☒ Stored

Sampling Information

Date: 7/19
Start Time: 1555
Finish Time: 1705
Depth of Tubing:

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
IDEWAMW38-GW5	(10) 1 L Amb	8270, 8270sim, 8151, 8081, 8321		
	(2) 1 L Am	AK102/103	HCl	
	(9) 40ml VOA	8260, 8260sim AK101	HCl	
	(1) 500 poly	6010/6020/24to	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

1540	2.40	7.67	452	7.23	2.91	3.5	-79.5	
1547	2.5	7.59	448	7.11	1.52	3.48	-91.1	
1554	2.75	7.50	449	7.12	1.46	3.27	-88.6	

Site Name: Fort Wainwright, AK	Well ID: MW39		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: ~~OSF52601~~	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/12/10			Temp. ±0.2° C
Start Time: 1500	Well Integrity: ☐ Excellent ☐ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Finish Time: 1920			
Sampled By: AC/SH/CJ			
PID Reading: 0.0 PDM			
Weather Conditions: 75° Partly cloudy/windy			

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: 1305
Finish Time: 1340

Depth to Product: N/A
Depth to GW: 16.91
Total Depth (T.D.) of Well Casing: 32.4
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)
1320	.25	6.99	313	10.9	49.7	2.00	-123.9	16.91'
1330	0.65	6.97	317	10.41	29.2	0.93	-101.0	16.91'
1333	0.95	6.94	319	10.61	9.1	0.85	-101.7	16.91
1336	1.20	6.94	320	10.67	11.1	0.85	-94.9	
1340	1.40	6.95	321	10.75	9.61	0.84	-94.0	

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: 7/12/10
Start Time: 1345
Finish Time: 1915
Depth of Tubing:

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☒ Peristaltic Pump

	Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
	10FWAMW39-GWS	(9) 40 ml VOA	GRO/AK 101, SW8260 VOC, SW8260 SIM	HCl 4°C	
DUP	10FWA-MW39-GWBS	(2) 1L amber	DRO/RRO AK 102/103	4°C HCL	•
MS	10FWAMW39-GWMS	(10) 1L amber	SW6051A, ~~SW8270~~, SW6151, SW8270C/SIM, SW8321	4°C	•
MSD	10FWAMW39-GWSDS				
		(1) 500 ml Poly	SW6020/SW6010, SW7470	4°C HNO3	•

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
~~10FWA~~		

Site Name: MW40	Well ID: MW40		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/20/10	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 814			Turbidity ±10% NTU
Finish Time: 1021			
Sampled By: ACIC			
PID Reading: 0.2			
Weather Conditions: RAINY			

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: 0824	Depth to Product:	**Purging Equipment**
Finish Time: 0901	Depth to GW: 17.33	☐ Bailer
	Total Depth (T.D.) of Well Casing: 51.09	☐ 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)
0831		6.57	368	9.10	39.4 ~~[illegible]~~	1.14	-67	17.42
0837	.25	6.65	368	9.13	29.9	1.09	-652	17.43
0842	.5	6.72	369	9.10	17.1	1.15	-676	
0847	.75	6.78	370	9.01	9.70	1.02	-748	
0852	1.25	6.84	373	9.10	6.56	0.89	-826	
0899	1.5	6.89	375	8.99		0.70	-861	17.43

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: 0901	☐ Bailer
Finish Time: 1021	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW40-GWS	(10) 1L Am	8270, 8270SIM, 8151, 8081A, 8321	—	
	(2) 1L Am	PK 102/103	HCl	
	(9) 40mL	PK101, 8260, 8260SIM	HCl	
	(1) 500mL Poly	6010/6020, 7470	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW43	Well ID: MW43		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #: Tatu	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/19/10	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1109			Turbidity ±10% NTU
Finish Time: 1244			
Sampled By: ACIBX			
PID Reading: 0.1			
Weather Conditions: rainy			
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: 1109 Finish Time: 1143	Depth to Product: Depth to GW: 15.12 Total Depth (T.D.) of Well Casing: 19.73 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)
1116	1	6.75	355	5.57	118	.99	-16.7	15.08
1121	1.5	6.67	352	5.33	55.7	0.43	-18.6	15.06
1126	2	6.64	352	5.13	19.7	0.34	-26.7	
1131	2.25	6.64	352	4.97	9.97	0.31	-29.6	15.06
1136	2.75	6.64	353	5.08	4.99	0.35	-32.4	
1141	3.25	6.65	354	5.06	3.87	0.36	-33.0	15.07

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: 7/19 Start Time: 1143 Finish Time: 1244 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW43	(10) L Amb	8270, 8270SIM, 8151, 8081A, 8321		
-GWS	(2) 1L Amb	AK 102/103		
	(9) 40mL VOA	8260, 8260SIM, AK101		
	1 500mL Poly	6010/6020/7470C		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW45		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:			Conductivity ± 3%
Date: 7/20/10	Well Material: ☑ PVC ☐ Stainless Steel		
Start Time: 0830			Temp. ±0.2° C
Finish Time: 1040	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Sampled By: ANDREW CROAN			
PID Reading: 0.0 PPM			
Weather Conditions: Fair, light breeze			
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: 0840 Finish Time: 0931	Depth to Product: — Depth to GW: 15.59 Total Depth (T.D.) of Well Casing: 20.11 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)
0845	0.5	6.68	470	6.47	3.87	1.91	1.0	15.64
0850	0.75	6.77	482	6.36	67.0	1.14	-26.7	15.64
0855	1.25	6.83	487	6.32	51.2	0.91	-50.9	
0900	1.75	6.87	490	6.33	24.3	0.87	-55.8	
0905	2.00	6.90	492	6.38	14.5	0.80	-62.1	
0910	2.25	6.92	493	6.34	10.7	0.76	-65.9	
0915	2.75	6.93	493	6.39	11.2	0.71	-66.5	
0920	3.00	6.93	495	6.32	6.52	0.71	-69.2	
0925	3.25	6.92	497	6.34	4.08	0.69	-69.1	
0930	3.5	6.94	497	6.37	3.41	0.69	-71.1	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear ☐ Cloudy ☐ Yellow ☑ Brown / Orange	☐ None ☑ Faint ☐ Moderate ☐ Strong	☐ Yes ☐ No Sheen? ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 7/20 Start Time: 0932 Finish Time: 1035 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW45-GW3	(10) 1L amber	8270 SIM/8270/8081A/8321/8151	UNP	
	(2) 1L amber	AK102/103	HCL	
	(9) 40ml VOA	AK101/8260/8260 SIM	HCL	
	(1) 500ml poly	7470/6010/6020	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW 47		Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 7/13/10	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 1325			
Finish Time: 1440	Well Integrity: ☐ Excellent ☐ Good		Temp. ±0.2° C
Sampled By: Andrey Crean			
PID Reading: 0.2 PPM	☐ Fair		Turbidity ±10% NTU
Weather Conditions: OC - WFNP/SMOKE	☐ Poor		
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: 1333	Depth to Product: —	Purging Equipment
Finish Time: 1356	Depth to GW: 16.59	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.61	☐ 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)
1338	.25	6.60	316	7.19	11.3	2.74	88.7	16.66
1341	.5	6.16	315	7.05	2.89	1.42	101.5	16.65
1344	0.75	5.88	320	6.88	1.46	1.16	107.5	16.66
1350	1.25	5.98	322	6.85	2.45	1.20	99.4	16.66
1353	1.75	6.01	324	6.99	1.00	8.6	93.0	
1355	2.25	6.09	326	7.03	0.65	8.6	89.7	

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: 7/13/10	Sampling Equipment
Start Time: 1557	☐ Bailer
Finish Time: 1437	☐ Submersible Pump
Depth of Tubing:	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW47-FWS	• 1 - 500ml Poly	SW 6010/6020/7470	HNO3	
	• 9-VOA 40 mL	AK101/SW8260 w/SIM	HCL	
	• 2-1L amber	AK 102/103	HCL	
	• 10-1L amber	SW8081A/8151/8270C	UNP	
		8270 SIM/SW8321	UNP	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW48		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:			Conductivity ± 3%
Date: 7/13/10	Well Material: ☒ PVC ☐ Stainless Steel		
Start Time: 1500			Temp. ±0.2° C
Finish Time: 1625	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Sampled By: ANDREW CROAN			
PID Reading: 0.6			
Weather Conditions: 0 Cost Wind 10NE			
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: 1507	Depth to Product: —	**Purging Equipment**
Finish Time: 1535	Depth to GW: 16.55	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.26	☐ 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)
1508	0.1	6.45	353	7.46	65.9	9.10	121.7	16.70
1512	0.7	~~6.45~~ 6.56	326	6.10	16.3	4.36	122.4	16.70
1516	1.5	5.89	323	5.80	3.14	2.89	91.4	
1520	2.1	6.19	323	5.75	1.73	2.38	72.6	
1524	2.5	6.38	323	5.74	0.97	2.16	58.9	
1528	3.0	6.47	323	5.72	0.44	2.06	49.4	
1531	3.3	6.57	323	5.75	0.18	2.04	44.8	
1534	3.7	6.63	323	5.78	0.33	1.99	39.8	16.70

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: 7/13/10	**Sampling Equipment**
Start Time: 1536	☐ Bailer
Finish Time: 1622	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	~~Preservative~~	~~Comments~~
10FWAMW48-GW5	(10) 1L amber	8270C/8270 SIM	8081A, 8151, 8321	UNP
	(2) 1L amber	AK 102/103	DRO/RRO	HCL
	(9) 40ml VOA	AK101/8260/8260 SIM		HCL
	(1) 500 ml Poly	6010/6020/7470		HNO3

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW53	Well ID: MW 53		**Acceptable Range for Field Parameters**
Site ID: Subarea A	Well Type: [X] Monitor [ ] Extraction		pH ± 0.1
1/20/12 Project #: Takeu GW	Well Material: [X] PVC [ ] Stainless Steel		Conductivity ± 3%
Date: 7/14/10			
Start Time: 1134	Well Integrity: [X] Excellent [ ] Good [ ] Fair [ ] Poor		Temp. ±0.2° C
Finish Time:			Turbidity ±10% NTU
Sampled By: AC/CJ			
PID Reading: .08 ppm			
Weather Conditions:			
Probe Type: [X] Oil/Water Interface [ ] Electronic Water Indicator [ ] Other_____	Casing Diameter (in) [X] 2 [ ] 4	Gallons/Linear Foot [X] 0.17 [ ] 0.66	Casing Radius² (ft) [X] 0.0069 [ ] 0.0280

Purging Information

Start Time: 1134	Depth to Product: T	**Purging Equipment**
Finish Time: 1221	Depth to GW: 16.45	[ ] Bailer
	Total Depth (T.D.) of Well Casing: 19.84	[ ] Submersible Pump
	Product Thickness:	[X] 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)
1140	.1	5.92	315	5.45	5.25	4.73	206.5	16.48
1145	.25	4.81	310	5.05	4.12	3.90	215.8	16.48
1150	.5	4.91	307	5.31	2.39	3.22	195.6	16.48
1155	.75	5.28	299	5.08	1.92	2.71	177.3	
1200	1.25	5.48	299	5.36	1.42	2.44	164.3	
1205	1.75	5.78	299	5.40	1.34	2.16	144.0	16.48
1210	2	5.81	296	5.18	2.05	2.03	138	
1215	2.25	5.91	295	5.11	1.04	1.94	126.8	

Color	Odor	Purged Dry?	Meters Used	Purge Water
[X] Clear	[X] None	[ ] Yes [X] No	[ ] Horiba U-10	[ ] Treated
[ ] Cloudy	[ ] Faint		[ ] Horiba U-22	[ ] Discharged
[ ] Yellow	[ ] Moderate	Sheen?	[X] Multimeter	[X] Stored
[ ] Brown	[ ] Strong	[ ] Yes [X] No	[ ] Hach	

Sampling Information

Date: 7/14	**Sampling Equipment**
Start Time: 1221	[ ] Bailer
Finish Time:	[ ] Submersible Pump
Depth of Tubing:	[X] Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW53-GW5	(10) 1L Amber	8270C 8270SIM	⟹	8151, 8081A, 8321
•	(2) 1L Amber	AK 102/103	HCl	
•	(9) 40mL VOA	8260, 8260SIM, AK101	HCl	
•	(1) 500mL Poly	6010, 6020, 7470	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW56		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/13/10			Temp. ±0.2° C
Start Time: 1035	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Finish Time: 1145			
Sampled By: Andrew Coan			
PID Reading: 0.1 PPM			
Weather Conditions: Rain - Smoke 0 Cast			
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: 1048	Depth to Product: —	**Purging Equipment**
Finish Time: 1103	Depth to GW: 12.52	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.60	☐ 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) 0.5	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1048	~~0.25~~	6.83	349	4.02	25.9	1.47	-71.7	12.47
1053	0.0	6.89	351	4.19	6.03	0.94	-79.5	12.47
1058	1.3	6.89	351	4.21	4.85	0.57	-80.8	12.47
1103	1.75	6.89	352	4.24	3.65	0.82	-81.2	12.47

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: 7/13	**Sampling Equipment**
Start Time: 1104	☐ Bailer
Finish Time: 1145	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	~~Preservative~~	Comments
DFWAMW56-GW5	(9) VOA 40ml	AK101, SW8260 VOC	/ SW8260 SIM	HCL
	(2) 1L amber	AK102/103	DRO/RRO	HCL
	(1) 500ml Poly	SW6020/SW6010	/SW 7470	HNO3
	(10) 1L amber	SW8081A/SW8151, SW8270 SVOC		UNP
	SW8270 SIM	/ SW 8321		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW 57	Well ID: MW57		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/19/10	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 912			Turbidity ±10% NTU
Finish Time: 1050			
Sampled By: Caitlin Jelle			
PID Reading:			
Weather Conditions: Ocast calm, light rain 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: 912	Depth to Product:	**Purging Equipment**
Finish Time: 941	Depth to GW: 17.03	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.25	☐ 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

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
919	.1	6.30	392	4.32	37.2	9.00	161.2	17.1
925	.5	6.29	380	3.91	10.1	6.67	102.5	17.09
930	.75	6.35	374	3.71	5.67	5.53	73.4	17.09
0935	1	6.40	371	3.59	3.46	5.17	53.9	17.09
0940	1.5	6.41	369	3.48	2.57	4.87	48.2	

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: 8 7/19	**Sampling Equipment**
Start Time: ~~911~~ 941	☐ Bailer
Finish Time: 1045	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW57-GW3	(10) 1L amber	8081A/8321/8151/8270/8270 SIM	UNP	
	(2) 1L amber	AK 102/103	HCL	
	(1) 500ml poly	6010/6020/7470	HNO3	
	(9) 40ml VOA	AK 101/8260/8260 SIM	HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Tiaro GWM MW58	Well ID: MW58		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/17/10	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1327			Turbidity ±10% NTU
Finish Time: 1515			
Sampled By: ACC			
PID Reading: 1.8			
Weather Conditions: 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: 1327	Depth to Product:	**Purging Equipment**
Finish Time: 1417	Depth to GW: 14.32	☐ Bailer
	Total Depth (T.D.) of Well Casing: 18.91	☐ 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)
1337	.25	6.69	321	5.24	145	4.00	-81.5	14.34
1344	.75	7.00	317	4.67	82.3	1.19	-72.5	14.35
1351	1	7.01	320	4.55	41.6	0.96	-71.7	14.35
1357		7.02	323	4.54	29.1	0.79	-70.7	14.36
1403	2	7.04	326	4.88	15.7	0.77	-69.2	14.36
1408	2.5	7.06	327	4.71	10.0	0.69	-70.5	14.36
1412	3	7.05	327	4.86	8.93	0.65	-71.4	14.35
1417	3.5	7.07	328	4.78	6.83	0.75	-72.6	

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: 7/17		**Sampling Equipment**
Start Time: 1417		☐ Bailer
Finish Time: 1515		☐ Submersible Pump
Depth of Tubing:		☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW58-GWS	(10) 1L Am	SW8270, 8270Sim, 8151, 8081, 8321	—	
	(2) 1L Am	AK102/103	HCl	
	(9) 40mL VOA	8260, 8260Sim, AK101	HCl	
	(1) 500mL Poly	6010/6020/7470	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW61	Well ID: MW61		**Acceptable Range for Field Parameters**
Site ID: Subarea A	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: Taxu	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/13/10 (1/20/12 to)	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 0845			Turbidity ±10% NTU
Finish Time: 1030			
Sampled By: Andrew Crum			
PID Reading: 0.5 PPM			
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: 0905	Depth to Product: ~~—~~ 15.32	**Purging Equipment**
Finish Time: 0930	Depth to GW: ~~13.27~~	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.15	☐ 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) 45.9	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0910	0.25	6.97	338	4.24	~~4.99~~	1.42	40.0	15.34
0913	0.5	7.13	339	4.18	27.8	0.62	39.2	15.34
0916	0.75	7.27	338	4.20	21.1	0.52	32.9	15.34
0919	1.0	7.40	340	4.18	15.4	0.34	25.4	15.34
0924	1.25	7.50	341	4.10	11.0	0.30	16.9	15.34
0929	1.75	7.56	341	4.08	8.25	0.30	11.2	15.34

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: 0931	☐ Bailer
Finish Time: 1025	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	~~Preservative~~	~~Comments~~
10FWAMW61-GW5	(9) 40ml VOA	AK101, SW8260 VOC,	SW8260 SIM	HCL
•	(2) 1L amber	AK 102/103	DRO/RRO	HCL
•	(10) 1L amber	SW 8081A, SW8151, SW8270 VOC		UNP
		SW 8270 SIM	SW 8321	
•	(1) 500ml poly	SW6020/SW6010	SW7470	HNO3

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW62	Well ID: MW62		**Acceptable Range for Field Parameters**
Site ID: Subarea A	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
1/20/12 Date: 7/14/10	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1545			Turbidity ±10% NTU
Finish Time: 1726			
Sampled By: AC/CT			
PID Reading: 1.9			
Weather Conditions: P. cloudy / breezy			
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: 1545	Depth to Product:	**Purging Equipment**
Finish Time: 1618	Depth to GW: 14.65	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.1	☐ 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)
1553	.25	6.55	455	6.72	19.1	0.81	-49.1	14.69
1600	.75	6.62	456	6.90	8.36	.43	-46.2	14.69
1605	1.25	6.69	455	6.42	3.88	0.48	-47.5	14.69
1611	1.75	6.70	450	6.38	4.73	0.40	-46.6	
1617	2	6.68	451	6.43	3.68	0.30	-48.4	14.69

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: 7/14	**Sampling Equipment**
Start Time: 1619	☐ Bailer
Finish Time: 1726	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW62-	(10) 1 L Amber	8270C, 8270SIM		8151, 8081, 8321
8WS	(2) 1 L Amber	AK102/103	HCl	
	9 40mL VOA	AK101SW 8260B, 8260SIM	HCl	
	1 500mL Poly	6010, 6020, 7470	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW 64	Well ID: MW 64		**Acceptable Range for Field Parameters**
Site ID: Tarn	Well Type: [X] Monitor [ ] Extraction		pH ± 0.1
1/20/12 Project #:	Well Material: [ ] PVC [ ] Stainless Steel		Conductivity ± 3%
Date: 7/14/10			
Start Time: 1459	Well Integrity: [ ] Excellent [ ] Good [ ] Fair [ ] Poor		Temp. ±0.2° C
Finish Time:			Turbidity ±10% NTU
Sampled By: AC/GS			
PID Reading: 0.6 ppm			
Weather Conditions: WINDY 30+, OC, light rain			
Probe Type: [X] Oil/Water Interface [ ] Electronic Water Indicator [ ] Other	Casing Diameter (in) [X] 2 [ ] 4	Gallons/Linear Foot [X] 0.17 [ ] 0.66	Casing Radius² (ft) [X] 0.0069 [ ] 0.0280

Purging Information

Start Time: 1459	Depth to Product:	**Purging Equipment**
Finish Time: 1530	Depth to GW: 15.23	[ ] Bailer
	Total Depth (T.D.) of Well Casing: 20.11	[ ] Submersible Pump
	Product Thickness:	[X] 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)
1505	0.5	7.34	377	5.36	51.6	1.92	-10.0	15.34
1510	1.0	7.17	374	5.12	27.7	1.35	1.9	15.36
1515	1.5	7.45	371	5.34	21.9	0.96	-13.1	15.36
1520	2.0	7.51	371	5.35	14.0	0.77	-23.2	15.34
1525	2.5	7.60	372	5.30	11.5	0.68	-30.6	15.35
1530	3.0	7.68	371	5.43	6.91	0.64	-36.0	15.36

Color	Odor	Purged Dry?	Meters Used	Purge Water
[X] Clear	[X] None	[ ] Yes [X] No	[ ] Horiba U-10	[ ] Treated
[ ] Cloudy	[ ] Faint		[ ] Horiba U-22	[ ] Discharged
[X] Yellow	[ ] Moderate	Sheen?	[X] Multimeter	[X] Stored
[ ] Brown	[ ] Strong	[ ] Yes [X] No	[ ] Hach	

Sampling Information

Date: 7/14	**Sampling Equipment**
Start Time: 1531	[ ] Bailer
Finish Time:	[ ] Submersible Pump
Depth of Tubing:	[X] Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMWG4-OUS	(10) 1L amber	8081A/8151/8270 VOC	UNP	8270 SIM/8321
•	(2) 1L amber	AK 102/103	HCL	
•	(9) 40ml VOA	AK 101/8260 va/SIM	HCL	
•	1 500ml poly	6010/6020/7470	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
10FWAMWG4-CWBS	0 x 1L unp	
	0 x HCl	
•	9 VOA	
	0 x HNO_3	

Site Name: MW 69	Well ID: MW 69		**Acceptable Range for Field Parameters**
Site ID: Subarea A	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #: Lake Ecu	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/13/10			
Start Time: 1540	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1705			
Sampled By: CJ/AC			Turbidity ±10% NTU
PID Reading: 0.9			
Weather Conditions: 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: 1540 Finish Time: 1624	Depth to Product: Depth to GW: 15.36 Total Depth (T.D.) of Well Casing: 20.02 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)
1551	.25	6.68	262	7.20	56.4	1.80	-18.6	15.36
1559	1	6.68	273	6.66	28.0	1.61	-18.3	15.36
1605		6.69	280	6.99	15.1	1.18	-19.3	15.36
1611	2	6.72	283	6.92	9.10	1.00	-26.3	15.36
1616	2.25	6.71	285	6.73	6.11	.99	-24.4	15.36
1621	2.5	6.73	285	6.82	5.06	.93	-25.6	15.36

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: 7/13/10 Start Time: 1624 Finish Time: 1705 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW69	(10) 1L Amber	8270C, 8270SIM		8151, 8081A, 8321
-FWS	(2) 1L Amber	AK 102/103	HCl	
	(9) 40mL VOA	8260SIM, 8260, AK101	HCl	
	(1) 500 mL Poly	9020, 6010, 7470	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: SAKU GARDENS	Well ID: MW 70		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/14/10			
Start Time: 1130	Well Integrity: ☒ Excellent ☐ Good		Temp. ±0.2° C
Finish Time: 1300			
Sampled By: ANDREW CROAN	☐ Fair		Turbidity ±10% NTU
PID Reading: Oil PPM	☐ Poor		
Weather Conditions: SUN Partly Cloudy Wind MOD			
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: 1135	Depth to Product: —	**Purging Equipment**
Finish Time: 1206	Depth to GW: 16.05	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.12	☐ 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)
1140	0.25	6.58	535	6.45	4.47	6.03	147.7	16.26
1145	0.5	6.77	516	5.07	2.08	2.46	93.5	16.21
1150	0.75	6.81	511	4.65	0.87	2.19	76.7	16.21
1155	1.00	6.75	515	5.07	1.13	1.76	66.9	16.16
1200	1.25	6.71	517	5.07	0.24	1.77	64.7	16.16
1205	1.50	6.64	520	5.22	0.78	1.61	58.7	16.16

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: 1207	☐ Bailer
Finish Time: 1255	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
100/103				
100FUAHW70-GW5	(2) 1L amber	~~8260 VOC/8270~~	HCL	
	(10) 1L amber	8081A/8321/8151 8260VOC/8260SIM	UNP	
	(1) 500ml poly	metals	HNO3	
	(9) VOA 40ml	101 / VOCs	HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW76	Well ID: MW76		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:			Conductivity ± 3%
Date: 1/20/12 ~~7/16/10~~	Well Material: ☒ PVC ☐ Stainless Steel		Temp. ±0.2° C
Start Time: 0854	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Finish Time: 1030			
Sampled By: AC/CJ			
PID Reading: 0.0			
Weather Conditions: sunny, clear			
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: 0854
Finish Time:

Depth to Product:
Depth to GW: 16.16
Total Depth (T.D.) of Well Casing: 20.41
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)
904	.25	6.66	837	4.03	70.8	2.41	543	16.17
909	.75	6.80	811	4.02	54.9	1.45	373	16.28
914	1.25	6.95	798	4.01	23.5	1.09	41.6	16.18
919	2	6.95	783	3.40	19.7	0.94	3.7	16.19
925	2.25	6.94	776	3.33	13.2	0.82	2.5	16.18
930	2.75	6.94	770	3.20	11.8	0.72	-2.7	
935	3	6.94	767	3.21	8.15	0.70	-4.4	
940	3.25	6.95	765	3.30	6.85	0.60	-3.2	

Time 945 4 pH 6.69 Cond 764 Temp 3.32 Turb 4.83 DO 0.58 ORP -4.5

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: 7/16
Start Time: 0946
Finish Time: 1030
Depth of Tubing:

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW76	(10) 1 L Am	8270, 8270SIM, 8151, 8082, 8081A		
01WS	2 1 L Am	AK102/103	HCl	
	9 40mL VOA	AK101, SW8260, 8260SIM	HCl	
	1 500 Poly	6010/6020/7470	HNO_3	

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
1/20/12 Project #: 05F50701	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/23/10		
Start Time: 1540	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time: 1750		Turbidity ±10% NTU
Sampled By: JY/AC		
PID Reading: WC 22.2 / BZ 2.7		
Weather Conditions: MUGGY / CLOUDY		

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: 1555	Depth to Product: —	**Purging Equipment**
Finish Time: 1635	Depth to GW: 18.32	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.55	☐ 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)
1605	0.75	6.65	826	6.23	4.57	5.30	126.2	18.45
1610	1.0	6.62	825	5.86	2.40	0.50	124.8	18.45
1615	1.5	6.59	825	5.82	2.62	0.37	124.5	18.46
1620	2.0	6.58	829	6.22	1.41	0.32	124.9	18.46
1625	2.5	6.57	838	6.58	1.33	0.30	123.5	18.46
1630	3.0	6.56	842	6.75	2.22	0.32	123.1	18.46
1635	3.5	6.54	841	6.64	2.45	0.31	123.4	18.46

SUN CAME OUT →

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: 7/23/10	**Sampling Equipment**
Start Time: 1635	☐ Bailer
Finish Time: 1750	☐ Submersible Pump
Depth of Tubing: ~20'	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWA-MW77-GWS	X12 1L	SW8081A; SW8151;	4C	
		SW8270C/8270C SIM		
		SW8321		
	X 2 1L	AK102/103	4C - HCL	
	X 9 VOAS	AK101; SW8260/8260 SIM	4C - HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
	8081A MS/D	

1620 SUN HITTING TUBING POSSIBLY AFFECTING T.

Site Name: Ft. Wainwright	Well ID: MW78		Acceptable Range for Field Parameters
Site ID: Subarea A	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: Taku			Conductivity ± 3%
Date: 7/12/10 (1/20/12 CB)	Well Material: ☒ PVC ☐ Stainless Steel		Temp. ±0.2° C
Start Time: 1525			Turbidity ±10% NTU
Finish Time: 1815	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		
Sampled By: CJ/AC			
PID Reading: 0.0			
Weather Conditions: clear & 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: 1537 Finish Time: 1634	Depth to Product: — Depth to GW: 17.37 Total Depth (T.D.) of Well Casing: 33.01 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)
1546	.25	8.54	285	10.23	20.2	3.40	-77.8	17.37
1556	.5	7.70	273	8.92	6.91	0.61	-23.7	17.41
1604	1	7.86	272	8.89	5.94	.47	-36.6	17.42
1616	1.5	7.98	272	8.99	4.88	.43	-44.2	
1615	2.25	8.08	272	9.13	3.70	.45	-58	17.43
1622	3.0	8.06	271	8.87	2.74	.39	-60.9	17.43
1627	3.25	8.16	273	8.93	3.53	.37	-67.2	
1632	4	8.23	273	8.99		.37	-73.2	17.42

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: 7/12/10 Start Time: 1634 Finish Time: 1800 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10 FWAMW78-GW6	40mL x 9 VOA	AK101, 8260C, 8260SIM	HCl	
•	(2) 1 L Amber	AK102/103	HCl	
•	(1) Poly 500mL	6010/6020/7470	HNO_3	
•	(10) 1 L Amber	8270C, 8270SIM, 8321		
		8151, 8082, 8081		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: mw 79	Well ID: mw 79		**Acceptable Range for Field Parameters**
Site ID: Subarea A	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: Tatu GW	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/13/10 (1/20/12)	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1339			Turbidity ±10% NTU
Finish Time: 1530			
Sampled By: CS/AC			
PID Reading: 0.0 ppm			
Weather Conditions: cloudy warm			
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: 1339	Depth to Product: —	**Purging Equipment**
Finish Time: 1419	Depth to GW: 18.61	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.70	☐ 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)
1347	.1	6.86	279	8.14	71.9	1.93	-83.0	18.62
1356	.5	6.89	276	7.56	23.7	1.34	-85.7	18.63
1402	1	6.91	276	7.46	10.0	1.06	-88.3	18.63
1407	1.5	6.90	276	7.50	6.61	1.02	-89.4	18.63
1412	2	6.91	277	7.53	5.02	0.94	-91.3	18.63
1418	2.5	6.91	276	7.45	4.41	.91	-89.3	18.63

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: 1419	☐ Bailer
Finish Time: 1520	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAmw79	(10) 1L Amber	8270C, 8270sim	—	8521 8151, 8081A
-GWS	(2) 1L Amber	AK102/103	HCl	
	(9) 40mL VOA	AK101, 8260/8260sim	HCl	
	(1) 500mL	metals	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW80	Well ID: MW80		**Acceptable Range for Field Parameters**
Site ID: Subarea A	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: Taku GW	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/13/10 (1/20/12 ✓)	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 920			Turbidity ±10% NTU
Finish Time: 1100			
Sampled By: CS / AC			
PID Reading: 0.07			
Weather Conditions: Fire Haze/smoke			
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: 920	Depth to Product: F	**Purging Equipment**
Finish Time: ~~1951~~	Depth to GW: 14.815	☐ Bailer
	Total Depth (T.D.) of Well Casing: 47.91	~~☒ 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)
928	.1	6.65	184	4.65	40.6	1.95	-91.1	14.84
935	.25	6.86	181	4.16	13.9	1.12	-78.6	14.86
940	.75	6.87	180	4.01	9.40	.91	-86.2	14.84
946	1.5	6.90	181	4.07	7.94	.81	-81.4	
951	2	6.91	181	4.15	6.44	.72	-80.9	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: 7/13	**Sampling Equipment**
Start Time: 954	☐ Bailer
Finish Time: 1100	~~☒ Submersible Pump~~
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW80	(10) 1L Amber	8270C 8270 SIM 8151 8081 8321	None	
-GW5	(2) 1L Amber	AK 102/103	HCl	
↓	(9) 40mL VOA	AK101, 8260C, SIM	HCl	
	(1) 500mL Poly	6010, 6020/7470	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW 81	Well ID: MW81		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/16/10			
Start Time: ~~1105~~ 1105	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1300			
Sampled By: ACCS			Turbidity ±10% NTU
PID Reading: 0.0			
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 Radius^2 (ft): ☒ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1105	Depth to Product:	**Purging Equipment**
Finish Time: 1201	Depth to GW: 16.56	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.64	☐ 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)
1118	.5	6.53	468	5.18	163	5.5	-72.5	16.56
1123	1	7.12	436	4.70	69.5	1.14	-73.6	
1131	1.5	7.15	432	4.23	38.0	0.77	-75.8	
1141	2.25	7.14	428	4.01	11.8	.50	-75.2	
1146	2.5	7.21	431	4.20	8.50	0.45	-77.6	
1152	3	7.18	430	3.91	9.55	0.43	-77.0	16.56
1157	3.5	7.14	430	4.04	6.18	0.43	-75.6	
1200	3.75	7.12	432	4.01	4.63	0.42	-73.9	16.56

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: 1201	☐ Bailer
Finish Time: 1253	☐ Submersible Pump
Depth of Tubing:	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWMW81GWS	(10) 1L Am	8270, 8270SIM, 8151, 8082, 8081A	—	
	(2) 1L Am	AK 102/103	HCl	
	(9) 40mL	8260, 8260SIM AK101	HCl	
	1 500mL	4010/6020/7470	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW82	Well ID: MW82		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #: Taku	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/20/10			
Start Time: 1410	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1520			
Sampled By: ACCS			Turbidity ±10% NTU
PID Reading: 0.6			
Weather Conditions: partial cloud			
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: 1420	Depth to Product:	**Purging Equipment**
Finish Time: 1451	Depth to GW: 17.91	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.61	☐ 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)
1423	.25	6.91	658	8.36	26.9	3.00	289.5	17.94
1430	1	7.30	652	7.39	20.1	1.42	253.2	17.94
1435	1.5	7.28	652	7.28	11.6	1.15	227.9	17.93
1441	1.75	7.29	648	7.24	4.87	0.99	206.9	17.94
1445	2.00	7.25	647	7.31	3.57	0.93	192.7	17.94
1450	2.25	7.21	647	7.16	2.28	0.86	179.6	

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: 7/20	**Sampling Equipment**
Start Time: 1451	☐ Bailer
Finish Time: 1515	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
~~[illegible]~~	(2) 1L Am	SW8270 SIM		
10FWAMW82-	(2) 1L Am	AK102/103		
GWS	(6) 40mL VOA	8260, 8260SIM		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW 83		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:			Conductivity ± 3%
Date: 7/20/10	Well Material: ☒ PVC ☐ Stainless Steel		
Start Time: 1400			Temp. ±0.2° C
Finish Time: 1520	Well Integrity: ☐ Excellent ☐ Good ☒ Fair ☐ Poor		Turbidity ±10% NTU
Sampled By: ANDREW CROAN			
PID Reading: 0.1 PPM			
Weather Conditions: Cloudy light Breeze NE 64°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

Outer casing lock hatch broke

Purging Information

Start Time: 1415	Depth to Product: —	**Purging Equipment**
Finish Time: 1453	Depth to GW: 17.83	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.70	☐ 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)
1420	0.25	6.60	186	6.76	14.2	9.87	-5.0	17.86
1425	0.75	6.73	188	6.66	10.6	9.52	-29.9	17.97
1430	1.0	6.87	189	6.74	7.70	8.98	-38.2	17.86
1435	1.25	6.95	190	6.54	~~7.70~~ 7.11	8.70	-42.5	
1442	1.75	6.88	190	6.84	4.75	8.14	-78.2	
1447	2.25	6.89	190	6.86	4.48	7.98	-70.4	
1452	2.5	6.91	190	6.78	3.59	7.67	-71.1	

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: 7/20	**Sampling Equipment**
Start Time: 1454	☐ Bailer
Finish Time: 1510	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW83-GWS	(6) 40ml VOA	8260/8260 SIM	HCL	
	(2) 1L amber	AK102/103	HCL	
	(2) 1L amber	8270 SIM	UNP	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW 84	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #:		Conductivity ± 3%
Date: 7/20/10	Well Material: ☒ PVC ☐ Stainless Steel	
Start Time: 1130		Temp. ±0.2° C
Finish Time: 1250	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor	Turbidity ±10% NTU
Sampled By: AC/CJ		
PID Reading: 3.8 PPM		
Weather Conditions: Ocast 65°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: 1130
Finish Time: 1225

Depth to Product: —
Depth to GW: 18.34
Total Depth (T.D.) of Well Casing: 20.5
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)
1145	0.25	7.01	1366	8.57	~~6.56~~ 6.8	0.97	25.0	18.39
1154	0.75	7.18	1392	8.74	98.4	0.60	-10.9	18.39
1159	1.00	7.19	1393	8.73	102	0.57	-17.4	18.39
1204	1.5	7.27	1366	8.23	20.4	0.63	-22.0	18.39
1209	2.0	7.31	1380	8.34	13.0	0.67	-26.3	18.43
1214	2.25	7.41	1385	8.39	7.59	0.69	-30.2	18.42
1219	2.5	7.49	1389	8.35	4.13	0.76	-31.1	18.42
1224	3	7.47	1397	8.31	2.51	.80	-30.1	

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: 7/20
Start Time: 1225
Finish Time: 1243
Depth of Tubing:

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW84 GW	(6) 40ml VOA	8260/8260 SIM	HCL	
	(2) 1L amber	AK 102/103	HCL	
	(2) 1L amber	8270 SIM	UNP	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAIU GARDENS	Well ID: MW85		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #: 05F50701	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/23/10			
Start Time: 0844			
Finish Time: 1055	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: JY ~~PPM~~			
PID Reading: 2.8 PPM			Turbidity ±10% NTU
Weather Conditions: Ocast 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: 0855 Finish Time: 0935	Depth to Product: — Depth to GW: 18.64 Total Depth (T.D.) of Well Casing: 22.05 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)
0910	0.5	6.95	480	8.05	5.47	0.60	-47.1	18.73
0915	1	7.03	480	8.17	2.87	0.53	-49.6	18.73
0920	1.50	7.11	481	8.30	1.65	0.53	-49.6	18.73
0925	2.00	7.14	481	8.22	1.05	0.52	-52.6	18.73
0930	2.50	7.16	481	8.16	0.74	0.47	-56.3	18.74
0935	3.0	7.17	481	8.16	0.57	0.50	-54.7	18.74

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear ☒ Cloudy ☐ Yellow ☒ ~~Brown~~ RED	☒ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☒ No **Sheen?** ☐ Yes ☒ No	☐ Horiba U-10 ☐ Horiba U-22 ☒ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☒ Stored

Sampling Information

Date: 7/23 Start Time: 0935 Finish Time: 1055 Depth of Tubing: 20'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW85-GW3	1 x 8 1L	AK102/103	4C - HCL	
MS/MSD	1 x 8 1L	SW8270 SIM	4C	
	1 x 24 VOA	SW8260/SW8260SIM	4C - HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
10FWAMW85-GW85	MS/D	

Site Name: TAKU	Well ID: MW-86		**Acceptable Range for Field Parameters**
Site ID: ~~#5~~	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #: 05E50701	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/23/10			
Start Time: 1100	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1220			
Sampled By: JY/AC			Turbidity ±10% NTU
PID Reading: WC 0.1 BZ 0.0			
Weather Conditions: 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: 1105	Depth to Product:	**Purging Equipment**
Finish Time: 1200	Depth to GW: 17.73	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.90	☐ 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. (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
	1116	0.25	7.80	328	7.58	19.0	0.85	-57.9	17.73
BATTERY DIED →	1125	0.5	7.80	328	7.66	9.83	0.63	-43.3	17.72
	1135	1.5	7.78	324	7.46	3.57	0.58	-46.9	17.72
	1140	2.0	7.76	324	7.53	1.84	0.47	-60.6	17.72
	1145	2.5	7.79	323	7.48	1.08	0.48	-66.1	17.72
SUN →	1150	3.0	7.81	323	7.62	0.95	0.43	-72.0	17.72
	1155	3.5	7.84	324	7.65	0.65	0.46	-73.3	17.72
	1200	4.0	7.89	321	7.53	0.49	0.44	-71.9	17.72

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: 7/23	**Sampling Equipment**
Start Time: 1200	☐ Bailer
Finish Time: 1217	☐ Submersible Pump
Depth of Tubing: ~19'	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWA-MW86-GWS		6×40mL VOA HCl	8260/8260SIM	
		2×1L unp	SW8270C SIM	
		2×1L HCl	AK102/103	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

1150 SUN HITTING TUBING MAY AFFECT TEMP

1125 ASSIST AC WITH MW87 1200 SUN BEHIND CLOUDS TY

Site Name: TAKU GARDENS Site ID: Project #: 05F59701 Date: 7/23/10 Start Time: 1110 Finish Time: 1235 Sampled By: ANDREW CROAN PID Reading: 2.9 PPM Weather Conditions: Overcast 60°F	Well ID: MW87 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 ☐ Electronic Water Indicator ☐ Other_____	☑ 2 ☐ 4	☑ 0.17 ☐ 0.66	☑ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1133 Finish Time: 1158	Depth to Product: — Depth to GW: 17.67 Total Depth (T.D.) of Well Casing: 21.74 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)
1142	1.0	6.62	306	6.67	10.1	2.33	102.0	17.69
1147	1.5	6.57	305	6.50	3.88	2.05	111.2	17.69
1152	2.0	6.57	304	6.43	4.21	2.07	111.9	
1157	2.5	6.56	304	6.51	2.05	2.04	112.7	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear ☑ Cloudy ☐ Yellow ☐ Brown	☑ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☑ No **Sheen?** ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 7/23/10 Start Time: 1159 Finish Time: 1230 Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW87-GWS	(2) 1L amber	418.1 / 103	HCL	
	(2) 1L amber	8270 SIM	UNP	
	(6) 40ml VOA	8260 / 8260 SIM	HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW88	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #: 05F50701	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/23/10		
Start Time: 1410	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time: 1520		
Sampled By: AC & JV		Turbidity ±10% NTU
PID Reading: 6.4 ppm		
Weather Conditions: Clear 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: 1423	Depth to Product: —	**Purging Equipment**
Finish Time: 1459	Depth to GW: 16.88	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.01	☐ 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)
1432	1.0	6.44	307	5.00	~~2.05~~ 20.8	1.95	-15.0	16.92
1437	1.5	6.42	304	4.69	20.0	1.56	-20.5	16.92
1442	2.0	6.37	304	4.50	13.7	1.63	-22.3	16.92
1447	2.25	6.37	304	4.48	9.24	1.62	-24.0	16.92
1452	2.75	6.40	305	4.42	4.15	1.52	-23.5	16.92
1457	3.25	6.43	304	4.44	4.23	1.51	-24.4	16.92

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: 7/23/10	**Sampling Equipment**
Start Time: 1501	☐ Bailer
Finish Time: 1519	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
05FWMW88-GWS	(2) 1L amber	AK 102/103	HCL	
	(2) 1L amber	8270 SIM	UNP	
	(6) 40ml VOA	8260 / 5260 SIM		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU GARDENS	Well ID: MW89		Acceptable Range for Field Parameters
Site ID:	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50791	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 7/23/10			
Start Time: 0910	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1040			
Sampled By: ANDREW CREAN			Turbidity ±10% NTU
PID Reading: 0.0 PPM			
Weather Conditions: Ocast 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: 0920 Finish Time: 1014	Depth to Product: — Depth to GW: 23.96 Total Depth (T.D.) of Well Casing: 29.41 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)
0930	1.0	6.78	317	7.88	87.0	1.66	-77.8	24.0
0937	1.25	6.79	318	7.69	38.7	0.54	-95.9	23.99
0942	1.75	6.83	321	8.00	20.5	0.45	-95.4	23.98
0947	2.0	6.91	316	7.91	11.3	0.38	-98.8	23.97
0952	2.5	6.93	312	7.89	7.54	0.40	-97.7	23.97
0958	2.75	6.96	310	7.79	6.28	0.38	-94.3	23.97
1003	3.0	6.97	309	7.78	3.94	0.34	-94.1	23.96
1008	3.25	6.96	308	7.69	3.53	0.33	-94.1	23.96
1013	3.75	6.98	307	7.70	2.63	0.38	-94.7	23.90

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: 7/23/10 Start Time: 1015 Finish Time: 1035 Depth of Tubing:	Sampling Equipment ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW89-GW	(2) 1L amber	~~8270~~ AK102/103	HCL	
	(2) 1L amber	8270 STM	UNP	
	(6) 40ml VOA	8260/8260 STM	HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: DAKU GARDENS	Well ID: MW90	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #: 05F50701	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 7/23/10	Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1350		Turbidity ±10% NTU
Finish Time: 1530		
Sampled By: JY/AC		
PID Reading: 3.0 PPM/BZ 0.0		
Weather Conditions: 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: 1400	Depth to Product:	**Purging Equipment**
Finish Time: ~~1440~~ 1445	Depth to GW: 20.47	☐ Bailer
	Total Depth (T.D.) of Well Casing: 22.08	☐ 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)
1410	0.5	7.57	336	4.44	8.16	1.56	-40.5	20.60
1415	0.75	7.66	339	4.36	5.83	1.59	-33.8	20.60
1420	1.0	7.71	344	4.21	4.42	1.66	-33.0	20.60
1425	1.25	7.72	350	4.23	3.80	1.77	-31.5	20.60
1430	1.50	7.73	356	4.08	2.94	1.75	-31.4	20.61
1435	1.75	7.85	362	3.45	3.18	1.77	-32.9	20.61
1440	2.0	7.85	366	4.02	2.37	1.73	-34.8	20.61
1445	2.25	7.88	371	4.06	1.69	1.76	-36.2	20.61
1510	3.5	7.82	371	3.83	3.40	1.87	-34.2	20.65

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: 7/23	**Sampling Equipment**
Start Time: ~~1440~~ 1445	☐ Bailer
Finish Time: 1530	☐ Submersible Pump
Depth of Tubing: ~21'	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWA-MW90-GWS	• x2 1L	AK 102/103	4C-HCL	
	• x2 1L	SW8270 SIM	4C	
	• x6 VOA	SW8260/8260 SIM	4C-HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

1452 - PUMP SHORTS
1500 BEGIN PUMPING → WILL SPOT CHECK THEN CONTINUE TO COLLECT
~1510 BEGIN RECOLLECTING

"Rite in the Rain"®
ALL-WEATHER
ENVIRONMENTAL
No. 550F

Taku

2010

AKERS-WR-OSF520-H04-0018

3-30-10

Location TAKU Date 10/13

Project / Client USAED

WEATHER: 30F

0730 TAILGATE

1150 JY TO COLLECT TAKU POST CONSTRUCTION SAMPLES

1155 ~~10FCSR1~~ 10FCSR1-SO-PC01 (NW)

x1 4oz AK101 / SW8260

x1 4oz SW8151

x1 4oz AK102/103; SW8270; SW6020/7471; SW8081 SW8082

1200 10FCSR1-SOPC02 (NE CORNER)

1205 10FCSR1-SO-PC03 (CENTER)

1210 10FCSR1-SO-PC04 (SE)

1215 10FCSR1-SO-PC05 MS/D (SW)

Location TAKU Date 10/25

Project / Client USAED

FALL GROUNDWATER

WEATHER 15-30F

PERSONNEL: JY/CJ/AE/MD/KA

0730 TAILGATE

0820 CALIBRATE YSIs

5445 AB	101038	G101025
T=17		
pH @ 15C = 4.00		
4.00	4.00	4.00
pH @ 15C = 7.04		
7.04	7.04	7.04
ORP @ 15C = 244.0mV		
244.0	244.1	244.2
CONDUCTIVITY @ 15C = 1147µS		
1146	1145	1145
DO @		
736.5 mmHg	737.1 mmHg	736.7 mmHg
96.9%	97.0%	97.1%

1030 SET UP TO SAMPLE MW78, MW40, MW39 (DUP MS/D)

1300 JY & AE LUNCH

1400 JY & AE HEAD OUT TO SAMPLE MW47, MW79

Location Taku Date 10-28-10

Project / Client USAED

Fall Groundwater

weather 25 - 35°F

Personell- JY/CJ/AE/MD/KH

0730: Tailgate

0800: Calibrate YSI's

5945AB / 101038 / G101025

T = 13°C

pH@ 15°C = 4.0 MD

4.0 4.0 4.0

pH@ 15°C = 7.04 MD

7.04 7.04 7.04

ORP = 240 mV

Conductivity = 1147 µs

DO - FWA Barometric Pressure = 745.5 mm/Hg

98.1% 98.1% 98.1%

Location TAKU Date 10/29

Project / Client USAED

FALL GW

0730 - Tailgate

0800: MD/CJ

Bump Test YSI

101038 / 5945AB / G101025*

T = 14.5°

pH

7.02 6.98 7.05*

ORP

245 251 247

Sp cond

~~4357~~ 5069 5120 4987

* G101025 reads -9.99 C°

& ~~DO~~ 99.9% 99.9 mg/L DO

= wrong until turned upside down

=> ~~mi~~ works right for a while then goes back to 9.99 . . .

Location TRACK Date 10/29

Project / Client USAED

0815 JY SORTS OUT
YSI G101025
RECALIBRATE @ 15c

pH 4.0	4.0
pH 7.4	7.4
COND 1138µS	1147
ORP 238.2 mV	240
DO —	

Location Date 10/30

Project / Client

0730: Tailgate

0800: cal-check YSI

101038 / 594SAB / G101025

Temp = 16°

pH:

6.99 7.03 7.26

cond:

6001 6006 6029

ORP:

241.7 240.9 129.8

recal ORP ON 101025
ORP = 240

Location TAKU Date ~~10/26~~ 12/6

Project / Client USAED / DPW

~~Fall EWW~~

0430 CHECK OUT GLYCOL LEAK
MANHOLES WITH DPW (MARLEN)
AND DEC (SPILL RESPONSE)
BETWEEN 20L & 24L.
MANHOLE 10707 MOST AFFECTED.
1500 RETURN TO TRAILER

Location Date

Project / Client

Site Name: TAKU	Well ID: DMW-1		Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 10/9/10	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: ~~0410~~ 1100			
Finish Time:	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: JY/CS			
PID Reading:			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: 1100	Depth to Product: N/A	Purging Equipment
Finish Time:	Depth to GW: 17.21	☐ 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. (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1125	15	6.56	277	4.78	595	2.67	-3.5	N/A
1140	20	6.34	275	4.80	233	3.16	-95.0	N/A
1150	20	6.10	160	4.82	108	16.85	-113.7	N/A
1200	20	5.85	149	4.51	54.8	14.96	-124.9	N/A
1210	25	6.02	143	4.75	27.7	15.96	-136.9	↓
1220	30	5.66	143	4.69	23.9	16.05	-141.2	
1230	35	5.30	145	4.93	14.4	16.15	-140.5	
1240	40	5.40	144	4.88	8.80	15.50	-144.7	
1250	40	5.51	156	4.95	5.27	16.04	-142.3	

PUMPING INTO 55gal DRUM. VOLUME DIFFICULT TO GAUGE

BACK PAGE

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☒ None	☐ Yes ☒ No	☐ Horiba U-10	☐ Treated
☒ Cloudy	☒ Faint EGGS		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen? ☐ Yes ☒ No	☒ Multimeter YSI	☒ Stored
☐ Brown	☐ Strong		☐ Hach	

BA TA

Sampling Information

Date: 10/9/10		Sampling Equipment
Start Time: 1300		☐ Bailer
Finish Time: 1305		☐ Submersible Pump
Depth of Tubing: -60'	WATERRA	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
ICFWA-TAKU-	W6-DMW1	SW8260 SIM	4C-HCL	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

~~SAMPLE~~ H_2O VERY TURBID. ~~SAMPLE~~ READING NOT THROUGH FLOW THROUGH BUT YSI PROVIDES SAMPLING CUP. DO & ORP WON'T STABILIZE THIS WAY

Site Name: TAKU Site ID: DMW-2 Project #: Date: 10/9/10 Start Time: 0900 Finish Time: 1242 Sampled By: CJ/JY PID Reading: Weather Conditions:	Well ID: DMW-2 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 ☐ Electronic Water Indicator ☐ Other	☒ 2 ☐ 4	☒ 0.17 ☐ 0.66	☒ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1115 Finish Time:	Depth to Product: N/A Depth to GW: 17.10 Total Depth (T.D.) of Well Casing: – Product Thickness: –	Purging Equipment ☐ Bailer WATERRA ☐ 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)
1126		7.25	252	5.18	131	31.0 %	-91.0	
1133		7.35	254	5.47	56.0	26.0 %	-110	
1140		7.41	254	5.50	41.9		-111	
1148		7.39	254	5.50	26.0	3.22	-116.0	
1159		7.42	255	5.49	13.8	3.42	-112.0	
1218		7.42	254	5.47	5.60	3.00	-111	
		7.40	254	5.52	4.89	3.00	-114	
Total = 48gal								

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☒ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☒ No Sheen? ☐ Yes ☒ No	☐ Horiba U-10 ☐ Horiba U-22 ☒ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☒ Stored

Sampling Information

Date: 10/9/10 Start Time: 1230 Finish Time: 1235 Depth of Tubing: -70'	Sampling Equipment ☐ Bailer WATERRA ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
~~10FWA-DMW1~~	40 ml VOA	VOCs, 8260	HCl	
~~-WG-02~~				
	→ 10FWA-TAKU			
~~10FWA-~~	~~DMW~~ WG-DMW2			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
~~10FWA-DMW11~~ - ~~WG-02~~		

~~10 FWA-DMW~~

10FWA-TAKU-WG-DMW2B

Site Name: TAKU Site ID: MW03 Project #: 1/20/12 Date: 10/26/10 Start Time: 1450 Finish Time: Sampled By: AE/SY/CS PID Reading: Weather Conditions: partly cloudy 20°	Well ID: MW03 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 ☐ Electronic Water Indicator ☐ Other_____	☒ 2 ☐ 4	☒ 0.17 ☐ 0.66	☒ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1450 Finish Time: 1544	Depth to Product: Depth to GW: 16.29 Total Depth (T.D.) of Well Casing: 22.31 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)
1530	2.75	6.98	288	4.64	6.34	1.03	-88.3	16.30
1535	3.25	6.98	289	4.66	4.58	0.77	-90.2	16.30
1540	4	6.97	289	4.64	5.11	0.77	-91.4	
1544	4.5	6.98	289	4.65	5.01	0.77	-90.7	16.30

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☒ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☒ No **Sheen?** ☐ Yes ☒ No	☐ Horiba U-10 ☐ Horiba U-22 ☒ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☒ Stored

Sampling Information

Date: 10/26 Start Time: 1544 Finish Time: Depth of Tubing:	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW03 -	1L Amber x 8	~~8270~~, 8270SIM, 8151, 8081, 8082	-- 8081 & 8082 are combi	
9DDF	1L Amber x 2	AK102/103	HCl	
	500 poly x 1	6020, 6010, 7470	HNO_3	
	VOA x 9	8260, 8260SIM, AK101	HCl	
	1L Amber x 4	~~82~~ 8082	PCB MS/MSD only	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #
10FWAMW03-GWBF PCBs only 2x 1L Am		

Site Name: MW06A	Well ID: MW06A	**Acceptable Range for Field Parameters**
Site ID:	Well Type: [X] Monitor [ ] Extraction	pH ± 0.1
Project #:	Well Material: [X] PVC [ ] Stainless Steel	Conductivity ± 3%
Date: 10/29/10 (1/20/12)	Well Integrity: [X] Excellent [ ] Good [ ] Fair [ ] Poor	Temp. ±0.2° C
Start Time: 1320		Turbidity ±10% NTU
Finish Time:		
Sampled By: AE/JY/CT/hMD		
PID Reading:		
Weather Conditions: snowing 25°		

Probe Type:	Casing Diameter (in)	Gallons/Linear Foot	Casing Radius² (ft)
[X] Oil/Water Interface	[X] 2	[X] 0.17	[X] 0.0069
[ ] Electronic Water Indicator	[ ] 4	[ ] 0.66	[ ] 0.0280
[ ] Other			

Purging Information

Start Time: 1325	Depth to Product:	**Purging Equipment**
Finish Time: 1351	Depth to GW: 16.95	[ ] Bailer
	Total Depth (T.D.) of Well Casing: 22.73	[ ] Submersible Pump
	Product Thickness:	[X] 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)
1325	1.5	6.71	299	4.82	10.1	1.70	-84.0	16.93
1343	2.5	6.71	299	4.91	1.60	0.74	-90.5	
1347	3	6.71	299	4.87	1.71	0.69	-91.1	
1351	4	6.71	298	4.86	1.13	0.67	-92.0	

Color	Odor	Purged Dry?	Meters Used	Purge Water
[X] Clear	[X] None	[ ] Yes [X] No	[ ] Horiba U-10	[ ] Treated
[ ] Cloudy	[ ] Faint		[ ] Horiba U-22	[ ] Discharged
[ ] Yellow	[X] Moderate Fuel	Sheen?	[X] Multimeter	[X] Stored
[ ] Brown	[ ] Strong	[ ] Yes [X] No	[ ] Hach	

Sampling Information

Date: 10/29	Fe 2+ [illegible] mg/L machine not limit	**Sampling Equipment**
Start Time: 1352		[ ] Bailer
Finish Time:		[ ] Submersible Pump
Depth of Tubing:		[ ] Peristaltic Pump

Fe 2+ > 3.30 Exceeded limit range

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW06A-GWF				

YES MNA

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Diluted Fe 2+ 1 to 2
reading 3.17 mg/L

Site Name: TAU Site ID: Project #: DSF50701 1/20/12 Date: 10/25 /10 to Start Time: 1640 Finish Time: 1740 Sampled By: JY/ADE PID Reading: Weather Conditions: 15 F	Well ID: MW08 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 ☐ Electronic Water Indicator ☐ Other_____	☑ 2 ☐ 4	☐ 0.17 ☐ 0.66	☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1640 Finish Time: 1705	Depth to Product: / Depth to GW: 19.00 Total Depth (T.D.) of Well Casing: 22.25 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)
1655	1	6.39	309	5.49	0.58	2.16	81.6	19.11
1700	1.75	6.38	310	5.48	0.27	1.90	84.1	19.11
1705	2.50	6.39	310	5.47	0.30	1.64	86.7	19.11

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☑ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☑ No Sheen? ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☑ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 10/25 Start Time: 1705 Finish Time: 1740 Depth of Tubing: ~20'	0.06 mg/L Fe^{2+}	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
16FWA MW08-	GWF			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

YES - MNA

Site Name: mw12	Well ID: mw12		**Acceptable Range for Field Parameters**
Site ID: TAKU	Well Type: ☒ Monitor ☐ Extraction		pH ±0.1
1/20/12 Project #: 05F50701	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/30/10			
Start Time: 0925	Well Integrity: ~~☒ Excellent~~ ☒ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1130			
Sampled By: M/AE/CS			Turbidity ±10% NTU
PID Reading:			
Weather Conditions: CLOUDY 25F			
Probe Type: ☒ Oil/Water Interface ☐ Electronic Water Indicator ☐ Other	Casing Diameter (in) ~~☐ 2~~ 1" ~~☐ 4~~	Gallons/Linear Foot ☐ 0.17 ☐ 0.66	Casing Radius² (ft) ☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0928	Depth to Product: –	**Purging Equipment**
Finish Time:	Depth to GW: 13.15	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.35	☐ 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)
0940	1	6.73	348	5.83	2.35	0.53	-4.1	13.22
0945	1.5	6.78	339	5.79	2.30	0.48	-9.1	13.22
0950	2.0	6.82	334	5.76	2.04	0.45	-13.3	13.22
0955	2.5	6.88	329	5.73		0.42	-19.0	13.22

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: 10/30	0.98 mg/L Fe2+	**Sampling Equipment**
Start Time: 0957		☐ Bailer
Finish Time: 1125		☐ Submersible Pump
Depth of Tubing: ~18'		~~☐ Peristaltic Pump~~

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

MNA

Site Name: TAKU	Well ID: MW-13	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/26/10		
Start Time: 1250	Well Integrity: ☐ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time:		Turbidity ±10% NTU
Sampled By:		
PID Reading:		
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: 1255	Depth to Product:	**Purging Equipment**
Finish Time: 1323	Depth to GW: 16.56	☐ 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)
1305		6.66	421	2.69	9.05	1.42	57.3	16.61
1310		6.66	420	2.81	4.69	1.47	42.2	
1315		6.66	422	2.85	1.78	0.97	32.4	
1320		6.65	425	2.84	1.19	0.82	28.1	
1323		6.66	425	2.85	1.15	0.87	26.5	

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: 10/26/10	Ferrous iron 2.86 mg/L	**Sampling Equipment**
Start Time: 1325		☐ Bailer
Finish Time: 1405		☐ Submersible Pump
Depth of Tubing:		☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW13-GWF				
PCB-8x1L				
		MNA		

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

1. ○ Wrong time on bottles

Site Name: Tyco Site ID: Project #: ~~05-5209~~ 1/20/12 Date: 10/26 9/10 Start Time: 1450 Finish Time: 1600 Sampled By: JY/HE/CS PID Reading: Weather Conditions: 15F	Well ID: MW26 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: 1500 Finish Time: 1525	Depth to Product: / Depth to GW: 15.25 Total Depth (T.D.) of Well Casing: 19.63 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)
1515	1.0	6.98	400	5.21	3.69	0.97	8.0	15.40
1520	1.5	6.98	401	5.28	2.55	0.86	8.7	15.40
1525	2.25	6.98	401	5.26	1.89	0.78	8.5	15.40

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: 10/26 Start Time: 1520 Finish Time: 1600 Depth of Tubing: ~17'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TPKU	Well ID: MW32		Acceptable Range for Field Parameters
Site ID: MW32	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #: 05F50701	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/29/10	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1345			Turbidity ±10% NTU
Finish Time: 1415			
Sampled By: JY/MD/CA			
PID Reading:			
Weather Conditions: CLOUDY 25F			
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: 1320	Depth to Product: —	Purging Equipment
Finish Time:	Depth to GW: 17.23	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.55	☐ 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)
1330	1.5	7.08	311	5.58	1.320	0.94	52.9	17.31
1335	2.75	7.11	311	5.59	*	0.90	49.6	17.31
1340	3.75	7.11	311	5.53	*	0.82	48.5	17.31
1345	4.50	7.11	312	5.54	*	0.74	48.2	17.31

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: 10/29	Sampling Equipment
Start Time: 1345	☐ Bailer
Finish Time: 1422	☐ Submersible Pump
Depth of Tubing: ~19	☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

* TURBIDIMETER READ E7 TL 1.5 NTU WILL NOT COLLECT ADDITIONAL READINGS

Site Name: Takii Fall	Well ID: MW33		**Acceptable Range for Field Parameters**
Site ID: MW33	Well Type: ☑ Monitor ☐ Extraction		pH ±0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ±3%
Date: 10-29-10	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1255			Turbidity ±10% NTU
Finish Time:			
Sampled By: MD/JY/CD			
PID Reading:			
Weather Conditions: 30°F and snowing			
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 Finish Time: 1335	Depth to Product: — Depth to GW: 16.45' Total Depth (T.D.) of Well Casing: 21.03' 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)
1305	0.5	6.74	359	5.51°C	3.54	0.31	-10.7	16.45
1310	0.75	6.76	363	5.63	3.36	0.44	-118.9	16.45
1315	1.25	6.75	368	5.67	3.66	0.64	-120.7	16.45
1320	2.0	6.75	368	5.68	3.66	0.45	-124.2	16.45
1325	2.75	6.75	368	5.72	4.03	0.40	-126.3	16.45
1330	3.0	6.75	367	5.72	3.83	0.39	-126.6	16.45

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	

Sampling Information

Date: 10-29-10 Start Time: 1335 Finish Time: Depth of Tubing:	Fe 1.01 mg/L	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW33-GWF	1 1L		—	
	2 1L		HCL	
	12 VOAs		HCL	
	1 500mL		HNO_3	
	2 250mL		HSO_4	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

2 250mL
1 1L poly

—
HSO_4

Site Name: TAKM Site ID: MW35 1/20/12 Project #: 05F50701 Date: 10/28/10 Start Time: 0935 Finish Time: 1130 Sampled By: JY/AE/MD PID Reading: Weather Conditions: ~~CLEAR~~ CLOUDY 35°F	Well ID: MW35 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 1 NTU
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: 0945 Finish Time: 1010	Depth to Product: — Depth to GW: 15.05 Total Depth (T.D.) of Well Casing: 19.15 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)
0950	0.5	6.59	360	4.15	4.5	2.18	174.4	15.1
0955	1	6.67	356	4.02	1.8	1.51	173.0	15.1
1000	1.25	6.73	354	3.96	1.8	1.46	173.7	15.1
1005	1.75	6.76	354	3.90	0.9	1.38	177.4	15.1

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☑ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☑ No **Sheen?** ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 10-28-10 Start Time: 1010 Finish Time: 1125 Depth of Tubing:	Fe 0.19 mg/L	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW35-GWF	10 L	~~SW8081A, SW8151, SW8270C+SIM, SW8321~~	None	
	12 VOA	AK101, SW8260+SIM, RSK 175		
	2 L	AK102/103	HCL	
	1L poly	E365.3	H_2SO_4	
	2 250mL	E300.A	None	
	~~[illegible]~~	**Other Sample Types**	~~[illegible]~~	

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

2 250mL 1 500mL	E353.2 SW6010/SW6020 SW7470 SW6010B/manganese	H_2SO_4 HNO_3

Site Name: TAKU Site ID: 1/20/12 Project #: 05F5070I Date: 10/28/10 Start Time: 0950 Finish Time: 1100 Sampled By: JY/MD/AE PID Reading: Weather Conditions: CLOUDY 35F	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 ☑ Electronic Water Indicator ☐ Other	☑ 2 ☐ 4	☐ 0.17 ☐ 0.66	☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0950 Finish Time:	Depth to Product: ✓ Depth to GW: 19.69' Total Depth (T.D.) of Well Casing: ~~19.84~~ 20.84' 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)
1000	0.75	6.62	395	11.40	2.10	5.19	200.0	19.74
1005	1.25	6.64	394	11.39	1.77	4.46	196.7	19.75
1010	1.75	6.66	394	11.39	1.63	4.22	194.4	19.75
1015	2.25	6.66	395	11.49	1.48	4.01	192.7	19.75

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☑ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☑ No **Sheen?** ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☑ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 10/28 Start Time: ~~1010~~ 1016 Finish Time: 1058 Depth of Tubing: ~20'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW36-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

N/A MNA

Site Name: 10FWAMW37-GWF Site ID: Project #: Date: 10/30/10 Start Time: 0945 Finish Time: 1005 Sampled By: QL PID Reading: Weather Conditions:	Well ID: MW37 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 ☐ Electronic Water Indicator ☐ Other_____	☒ 2 ☐ 4	☐ 0.17 ☐ 0.66	☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0950 Finish Time: 1010	Depth to Product: Depth to GW: 16.50 Total Depth (T.D.) of Well Casing: 19.80 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)
1000		6.78	317	10.15	0.91	4.14	127.6	16.55
1005		6.78	315	9.97	0.68	4.03	129.1	16.55
1010		6.79	315	9.98	0.88	3.89	132.6	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☒ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☒ No **Sheen?** ☐ Yes ☒ No	☐ Horiba U-10 ☐ Horiba U-22 ☒ Multimeter ☒ Hach	☒ Treated ☐ Discharged ☐ Stored

Sampling Information

Date: 10/30/10 Start Time: 1015 Finish Time: 1005 Depth of Tubing:	Ferrous Fe a 00mg/L	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TARU Site ID: MW38 Project #: 05E50701 Date: 10/28/10 (1/20/12 to) Start Time: 1225 Finish Time: 1350 Sampled By: PID Reading: Weather Conditions:	Well ID: MW38 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 ☐ Electronic Water Indicator ☐ Other	☑ 2 ☐ 4	☐ 0.17 ☐ 0.66	☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1235 Finish Time:	Depth to Product: — Depth to GW: 15.82 Total Depth (T.D.) of Well Casing: 19.80 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)
1250	1.75	7.03	368	6.08	4.07	1.09	-63.7	15.88
1255	2.50	7.03	368	6.09	4.96	0.95	-66.1	15.88
1300	3.75	7.04	368	6.09	2.65	0.98	-69.0	15.88

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☑ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☑ No **Sheen?** ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☑ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 10/28 Start Time: 1303 Finish Time: 1345 Depth of Tubing: 18'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW38-GW				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

NO MNA

Site Name: Taku MW39	Well ID: MW-39	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☑ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☑ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10-25-10	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1110		Turbidity ±10% NTU
Finish Time: 1600		
Sampled By: CJ/MD		
PID Reading:		
Weather Conditions: partly cloudy, ~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: 1120	Depth to Product: —	**Purging Equipment**
Finish Time: 1216	Depth to GW: 17.20	☐ Bailer
	Total Depth (T.D.) of Well Casing: 32.10	☐ Submersible Pump
	Product Thickness: —	☑ Peristaltic Pump

Casing Volume (Gallons) = (32.1 - 17.2) = ( ) * (0.17) = ( ) * 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)
1130	.25	6.65	277	5.91	5.64	1.18	-87.7	17.23
1135	.50	6.85	282	6.2	2.85	0.55	-77.3	17.27
1140	1	6.90	282	6.05	3.33	1.14	-88.3	17.27
1145	1.25	6.97	285	6.27	1.63	0.75	-91.6	17.27
1150	1.5	7.0	286	6.30	1.44	0.55	-81.3	17.28
1157	2	7.02	286	6.39	2.14	0.52	-80.6	17.3
1203	2.5	7.02	286	6.53	2.41	0.52	-81.6	17.3
1207	3.0	7.04	288	6.58	2.96	0.59	-86.7	17.3

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: 10-25-10	Iron - 1.94 mg/L	**Sampling Equipment**
Start Time: 1210		☐ Bailer
Finish Time: 1550		☐ Submersible Pump
Depth of Tubing:		☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWIAMW39-GWF	1-L-UN			
	40mL VOA			
10FWAMW39-GWSF	1L-Amber			
	500mL-Poly		HNO3	
10FWAMW39-GWSDF	125mL x2		H2SO4	

SEE BACK

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: MW-40	Well ID: MW-40	**Acceptable Range for Field Parameters**
Site ID: Taku Gardens	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/25/10		
Start Time: 1135	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time: 1315		
Sampled By: QE		Turbidity ±10% NTU
PID Reading:		
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: 1135	Depth to Product: —	**Purging Equipment**
Finish Time: 1223	Depth to GW: 17.79	☐ 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) 10%	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1150	.75	6.62	302	6.59	4.36	2.41	-129.6	17.83
1156	1.00	6.77	304	6.70	2.04	2.04	-138.4	17.83
1200	1.25	6.79	304	6.79	2.14	2.13	-141.9	17.83
1205	1.5	6.83	304	6.83	2.16	1.73	-146.6	17.83
1210	1.75	6.90	306	7.04	2.58	1.68	-150.7	17.83
1215	2.0	6.90	306	6.85	2.55	1.30	-152.2	17.83
1220	2.25	6.92	306	6.78	1.16	1.41	-146.9	17.83
1223	2.5	6.93	305	6.77	1.04	1.62	-148.1	17.83

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: 10/25/10	**Sampling Equipment**
Start Time: 1225	☐ Bailer
Finish Time: 1315	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAM40-GWF	10 x 1L	8270, 8051, 8151, 8321, 8270SIM	None	
	2 x 1L	102/103	HCl	
	9 x 40mL	101, 8260, 8260SIM	HCl	
	1 x 500mL	metals	HNO_3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Talka	Well ID: MW43		Acceptable Range for Field Parameters
Site ID: MW43	Well Type: ☑ Monitor ☐ Extraction		pH ±0.1
Project #:	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ±3%
Date: 10-28-10			
Start Time: 1230	Well Integrity: ☑ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1410			Turbidity ±10% NTU
Sampled By: MD/JY/AE			
PID Reading:			
Weather Conditions: Cloudy 35°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: 1230	Depth to Product: —	Purging Equipment
Finish Time: 1325	Depth to GW: 15.56'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.8'	☐ 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)
1240	0.25	6.78	532	4.89	48.4	7.93	1.6	15.6'
1245	0.5	6.73	535	4.99	42.0	-83.7	16.3	15.6
1300	1	6.79	495	4.95	15.7	5.83	24.2	15.6
1310	1.5	6.8	485	5.01	10.5	5.13	24.9	15.6
1315	2.0	6.8	484	5.02	10.4	5.06	27.6	15.6
1320	2.25	6.79	479	5.01	7.21	5.26	29.7	15.6

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/reddish	☐ Strong	☐ Yes ☑ No	☐ Hach	

Sampling Information

Date: 10-28-10	Fe 0.13 mg/L	Sampling Equipment
Start Time: 1325		☐ Bailer
Finish Time: 1400		☐ Submersible Pump
Depth of Tubing:		☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW43-GWF	12 VOA	AK101, SW8260+STM, RSK175	HCL	
	10 1L amber	SW8081A, SW8151, SW8270C+STM, SW8321	none	
	2 1L amber	AK102, 103	HCL	
	2 250mL poly	E300.0, alkalinity	none	
	2 250mL poly	E353.2, E350.1	H_2SO_4	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

1 500mL poly	Metals	HNO_3
1 1L poly	E365.3	H_2SO_4

Site Name: TaKu	Well ID: MW-45	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #: 05F50701	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/29/10		
Start Time: 0950	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time:		
Sampled By: QE		Turbidity ±10% NTU
PID Reading:		
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: 1000	Depth to Product:	**Purging Equipment**
Finish Time:	Depth to GW: 16.15	☐ 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)
1010		6.69	419	6.32	21.7	11.37	-39.5	16.15
1015		6.74	417	6.24	9.84	4.89	-51.8	16.15
1020		6.77	417	6.24	6.05	4.12	-58.6	16.15
1025		6.79	417	6.21	5.87	2.36	-63.7	16.15
1028		6.79	417	6.21	4.24	1.82	-65	16.16
1032		6.80	417	6.20	4.72	1.65	-66.7	16.16

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:	Ferrous Fe 2.36 mg/L	**Sampling Equipment**
Start Time: 1035		☐ Bailer
Finish Time:		☐ Submersible Pump
Depth of Tubing:		☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Copy MW-0

Site Name: TACU Site ID: 1/20/12 Project #: 05F5D7D Date: 10-25-10 Start Time: 1430 Finish Time: Sampled By: JY/CL/MD/ADE PID Reading: Weather Conditions: CLEAR 25°F	Well ID: MW-47 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: 1440 Finish Time: 1505	Depth to Product: Depth to GW: 16.88 Total Depth (T.D.) of Well Casing: 19.78 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	1	6.96	269	7.49	0.93	1.56	28.5	16.91
1500	1.5	6.95	269	7.51	0.34	1.46	29.5	16.91
1505	2.0	6.95	269	7.52	0.60	1.31	30.8	16.91

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	☐ Strong	☐ Yes ☑ No	☑ Hach	

Sampling Information

Date: 10/25 Start Time: 1505 Finish Time: 1550 Depth of Tubing: ~17.5	Fe2+ 0.10 mg/L	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW47-	GWF			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

YES → MNA

Site Name: TAKU Site ID: Project #: 05F50701 Date: 10/25/10 Start Time: 1635 Finish Time: 1800 Sampled By: QG PID Reading: Weather Conditions:	Well ID: MW48 Well Type: [X] Monitor [ ] Extraction Well Material: [ ] PVC [ ] Stainless Steel Well Integrity: [ ] Excellent [X] 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)
[X] Oil/Water Interface	[X] 2	[X] 0.17	[X] 0.0069
[ ] Electronic Water Indicator	[ ] 4	[ ] 0.66	[ ] 0.0280
[ ] Other_____			

Purging Information

Start Time: 1640 Finish Time: 1710	Depth to Product: Depth to GW: 16.87 Total Depth (T.D.) of Well Casing: Product Thickness:	**Purging Equipment** [ ] Bailer [ ] Submersible Pump [X] 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)
1650	0.75	6.85	424	6.02	3.94	2.17	2.9	17.10
1655	1.25	6.86	434	6.02	2.31	1.68	-1.0	17.10
1700	1.75	6.88	439	5.98	1.15	1.50	-5.3	17.15
1705	2.25	6.88	442	5.98	0.68	1.33	-8.4	
1708	2.5	6.89	443	5.99	0.29	1.31	-11.4	

Color	Odor	Purged Dry?	Meters Used	Purge Water
[X] Clear	[X] None	[ ] Yes [X] No	[ ] Horiba U-10	[X] Treated
[ ] Cloudy	[ ] Faint	Sheen?	[ ] Horiba U-22	[ ] Discharged
[ ] Yellow	[ ] Moderate	[ ] Yes [X] No	[X] Multimeter	[ ] Stored
[ ] Brown	[ ] Strong		[X] Hach	

Sampling Information

Date: 10/25/10 Start Time: 1710 Finish Time: 1800 Depth of Tubing:	Ferrous iron 1.5 mg/L	**Sampling Equipment** [ ] Bailer [ ] Submersible Pump [X] Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW48-GWF				

MNA parameters

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKM Site ID: Project #: 05F50101 1/20/12 Date: 10/26/10 Start Time: 0915 Finish Time: 1054 Sampled By: JY/CI/AE PID Reading: Weather Conditions: 20F	Well ID: MW 53 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 ☐ Electronic Water Indicator ☐ Other	☒ 2 ☐ 4	☐ 0.17 ☐ 0.66	☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0935 Finish Time:	Depth to Product: — Depth to GW: 16.78 Total Depth (T.D.) of Well Casing: 19.85 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)
0945	1.5	6.44	249	3.47	3.44	2.77	87.2	~~87~~ 16.85
0950	2.0	6.48	249	3.45	1.52	2.07	76.6	16.85
0955	2.75	6.50	250	3.47	1.21	1.88	70.6	16.85
1000	3.5	6.51	250	3.45	0.75	1.69	65.9	16.85
1005	4.5	6.53	250	3.42	0.88	1.57	60.8	16.85
1010	5.5	6.53	250	3.46	0.80	1.49	65.5	16.85

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☐ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☒ No Sheen? ☐ Yes ☒ No	☐ Horiba U-10 ☐ Horiba U-22 ☒ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☒ Stored

Sampling Information

Date: 10/26 Start Time: 1011 Finish Time: 1018 Depth of Tubing: ~18'	Fe2+ 0.65	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWMW53-GWF				
32				

MNA

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku Site ID: Project #: 05F50701 Date: ~~11~~ 10/28/10 Start Time: 1420 Finish Time: Sampled By: QE PID Reading: Weather Conditions:	Well ID: MW56 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: ☐ 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: 1425 Finish Time:	Depth to Product: Depth to GW: 14.72 Total Depth (T.D.) of Well Casing: 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)
1435		6.90	~~5933~~	5.62	16.7	0.30	-84.1	14.80
1440		6.91	340 ~~5900~~	5.62	8.28	0.27	-87.3	14.83
1445		6.91	344	5.59	3.38	0.27	-92.5	14.84
1450		6.91	342	5.60	3.34	0.27	-93.1	
1455		6.91	343	5.60	2.86	0.30	-94.3	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☐ None ☒ Faint Fuel ☐ Moderate ☐ Strong	☐ Yes ☒ No Sheen? ☐ Yes ☒ No	☐ Horiba U-10 ☐ Horiba U-22 ☐ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☐ Stored

Sampling Information

Date: 10/28/10 Start Time: 1455 Finish Time: Depth of Tubing:	Ferrous iron 1.4 mg/L	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TMCU Site ID: Project #: 05F50701 1/20/12 Date: 10/26/10 Start Time: 1240 Finish Time: 1405 Sampled By: M/CS/AB PID Reading: 20F Weather Conditions:	Well ID: MW-57 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: 1245 Finish Time: 1312	Depth to Product: — Depth to GW: 17.41 Total Depth (T.D.) of Well Casing: 20.25 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)
1255	1.0	6.61	294	3.07	14.6	4.14	45.8	17.56
1305	2.75	6.61	300	3.06	3.72	2.91	21.5	17.56
1310	3.5	6.62	302	3.09	1.40	2.63	21.5	17.56
1315	4.25	6.62	303	3.13	1.02	2.52	16.9	17.56
1320	5.0	6.62	304	3.13	0.93	2.45	15.2	17.56

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: 10/26/10 Start Time: 1321 Finish Time: 1400 Depth of Tubing: 18'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW57-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

NO MNA

Site Name: MW58	Well ID: MW 58		Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:			
Date: 10/30/10 (1/20/12)	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 1000			
Finish Time:	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: AE/CS/AH			
PID Reading:			Turbidity ±10% NTU
Weather Conditions: Clear 20°			
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: 1010 Finish Time: 1043	Depth to Product: Depth to GW: 14.84 Total Depth (T.D.) of Well Casing: 18.94 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)
1027	3	5.78	381	4.82	1.13	0.66	-30.0	14.83
1031	3.75	6.04	380	4.82	*	0.71	-32.0	14.83
1034	4.25	6.20	379	4.84	*	0.62	-48.7	14.84
1037	5.00	6.29	378	4.88	*	0.58	-49.9	
1040	5.5	6.32	378	4.87	*	0.57	-54.1	
1043	6	6.37	377	4.87	*	0.57	-56.7	

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear	☐ None	☐ Yes ☐ No	☐ Horiba U-10	☐ Treated
☐ Cloudy	☐ Faint		☐ Horiba U-22	☐ Discharged
☐ Yellow	☒ Moderate Fuel	Sheen?	☐ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☐ No	☐ Hach	

Sampling Information

Date: 10/30	Fe 2+ = 1.79 mg/L	Sampling Equipment ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump
Start Time: 1044		
Finish Time:		
Depth of Tubing:		

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

*Turbidity reached 1.13
– did not continue reading

1 Lrly

Site Name: TAKU Site ID: MW 61 Project #: 05F50701 Date: 10/28/10 (1/20/12) Start Time: 1415 Finish Time: 1537 Sampled By: JY/AE/MD PID Reading: Weather Conditions: CLOUDY 35F	Well ID: MW 61 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 ☐ Electronic Water Indicator ☐ Other_____	☑ 2 ☐ 4	☐ 0.17 ☐ 0.66	☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1420 Finish Time:	Depth to Product: ✓ Depth to GW: 15.70' Total Depth (T.D.) of Well Casing: 20.15' 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/ m)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1430	1	6.86	387	4.82	15.1	1.49	-92.1	15.77
1435	1.75	6.87	385	4.80	10.3	0.87	-102.2	15.77
1445	3.0	6.87	386	4.79	4.86	0.62	-106.7	15.77
1450	3.75	6.87	386	4.80	3.92	0.58	-113.5	15.77
1455	4.25	6.87	386	4.80	2.75	0.54	-114.6	15.77

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear ☐ Cloudy ☐ Yellow ☑ ~~Brown~~ RED	☐ None ☑ Faint ☐ Moderate ☐ Strong	☐ Yes ☑ No **Sheen?** ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☑ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 10/28 Start Time: 1456 Finish Time: 1535 Depth of Tubing: ~18'	Fe2+ 1.60mg/L	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FZMMW61	1-GWF			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

MNA

Site Name: TAKU Site ID: Project #: Date: 10/28/10 Start Time: ~~10~~ 1225 Finish Time: 1340 Sampled By: AE PID Reading: Weather Conditions:	Well ID: MW-62 Well Type: [X] Monitor [ ] Extraction Well Material: [ ] PVC [ ] Stainless Steel Well Integrity: [X] Excellent [ ] Good [ ] Fair [ ] Poor	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU
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: 1230 Finish Time:	Depth to Product: Depth to GW: 15.01 Total Depth (T.D.) of Well Casing: 20.08 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)
1245	2.5	6.45	802	6.33	0.56	1.21	39.9	15.05
1250	3.0	6.45	805	6.34	3.13	1.34	26.9	15.1
1255	3.5	6.45	804	6.34	4.58	1.30	22.6	15.1
1258	4.0	6.45	802	6.34	2.61	1.28	21.8	15.1

Color	Odor	Purged Dry?	Meters Used	Purge Water
[ ] Clear [ ] Cloudy [ ] Yellow [ ] Brown	[ ] None [ ] Faint [ ] Moderate [ ] Strong	[ ] Yes [ ] No Sheen? [ ] Yes [ ] No	[ ] Horiba U-10 [ ] Horiba U-22 [ ] Multimeter [ ] Hach	[ ] Treated [ ] Discharged [ ] Stored

Sampling Information

Date: 10/28/10 Start Time: 1300 Finish Time: 1340 Depth of Tubing:	Ferrous Fe 2.03 mg/L	**Sampling Equipment** [ ] Bailer [ ] Submersible Pump [ ] Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservati e	Comments
10FWAMW62-GWF				

MNA

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW64		Acceptable Range for Field Parameters
Site ID: MW64	Well Type: ☑ Monitor ☐ Extraction		pH ± 0.1
1/20/12 Project #: 05F50201	Well Material: ☑ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/29/10	Well Integrity: ☐ Excellent ☐ Good ☑ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 0920			Turbidity ±10% NTU
Finish Time: 1215			
Sampled By: JYTAE (MT)			
PID Reading:			
Weather Conditions: SNOW -25°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: 0925	Depth to Product: –	Purging Equipment
Finish Time:	Depth to GW: 15.61	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.10	☐ 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)
0935	1.5	6.76	414	5.56	5.84	0.96	35.4	15.75
0940	2.75	6.96	411	5.52	3.41	0.84	17.4	15.75
0945	3.75	7.08	411	5.51	3.29	0.77	6.0	15.75
0950	4.75	7.18	408	5.49	2.75	0.72	3.6	15.75
0955	5.5	7.25	409	5.53	1.78	0.76	3.2	15.75
1000	6.25	7.31	407	5.51	1.52	0.78	-3.3	15.75
1005	7.0	7.33	407	5.51	1.26	0.65	-13.3	15.75

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~~ RED	☐ Strong		☑ Hach	

Sampling Information

Date: 10/29	Fe2+ 3.30 mg/L	Sampling Equipment
Start Time: 1007		☐ Bailer
Finish Time: 1210		☐ Submersible Pump
Depth of Tubing: ~ 18'		☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
DM8	2	MS/D		

MNHA

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

TUBE WELL FILL IN (FROM PREVIOUS EVENT)

Site Name: MW 69	Well ID: MW69		Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/26/10			
Start Time: 0920	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Finish Time: 1146			
Sampled By: JY/AE/CT			Turbidity ±10% NTU
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: 0920
Finish Time: 1035

Depth to Product: —
Depth to GW: 15.70
Total Depth (T.D.) of Well Casing: 20.05
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

gallons
1.5
2.2
3.
4.
5
6.0
6.5

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0955	~~.25~~	6.60	298	5.38	33.1	1.50	-14.5	15.70
1005	.4	6.67	298	5.38	13.0	0.97	-24.4	
1014	.6	6.69	296	5.39	9.54	0.88	-25.0	15.69
1022	.8	6.70	294	5.40	5.53	0.85	-25.5	15.70
1027	1	6.71	294	5.44	3.66	0.83	-26.6	15.70
1030	1.1	6.72	293	5.39	3.39	0.84	-26.2	15.70
1035		6.72	291	5.36	3.69	0.79	-26.0	15.70

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	

Sampling Information

Date: 10/26
Start Time: 1035
Finish Time: 1146
Depth of Tubing:

Fe^{2+} 2.32 mg/L

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW69-	1L Am x 10			
GWF	1L Am x 2			
	VOA x 12			
	500 mL poly x 1			
	250 mL x poly x 1			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

250 mL poly x1
~~1L~~ poly x1

Site Name: Taku Site ID: Project #: Date: 10/26/10 Start Time: 0930 Finish Time: Sampled By: QE PID Reading: Weather Conditions: overcast,	Well ID: MW70 Well Type: [X] Monitor [ ] Extraction Well Material: [ ] PVC [ ] Stainless Steel Well Integrity: [X] 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)
[X] Oil/Water Interface	[X] 2	[X] 0.17	[ ] 0.0069
[ ] Electronic Water Indicator	[ ] 4	[ ] 0.66	[ ] 0.0280
[ ] Other_____			

Purging Information

Start Time: 0935 Finish Time:	Depth to Product: Depth to GW: 16.39 Total Depth (T.D.) of Well Casing: 20.15 ? Product Thickness:	**Purging Equipment** [ ] Bailer [ ] Submersible Pump [X] 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)
0945	1.5	6.46	409	4.94	1.16	2.63	93.6	16.49
0950	2.0	6.49	410	4.92	1.23	2.79	90.8	16.54
0955	2.5	6.51	410	4.91	0.67	2.92	88.4	16.54
1000	2.75	6.53	411	4.86	0.37	1.49	86.5	
1003	3.0	6.53	409	4.86	0.39	1.26	84.8	
1006	3.5	6.54	411	4.86	0.45	1.33	83.7	

Color	Odor	Purged Dry?	Meters Used	Purge Water
[X] Clear	[X] None	[ ] Yes [X] No	[ ] Horiba U-10	[X] Treated
[ ] Cloudy	[ ] Faint		[ ] Horiba U-22	[ ] Discharged
[ ] Yellow	[ ] Moderate	Sheen?	[X] Multimeter	[ ] Stored
[ ] Brown	[ ] Strong	[ ] Yes [X] No	[X] Hach	

Sampling Information

Date: 10/26/10 Start Time: 1010 Finish Time: Depth of Tubing:	**Sampling Equipment** [ ] Bailer [ ] Submersible Pump [X] Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
~~10FWA70~~				
10FWAMW70-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Tokui	Well ID: MW 76		Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:			
1/20/12 Date: 10/26/10	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Start Time: 1240			
Finish Time: 1430	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Sampled By: AE/SM/CJ			
PID Reading:			Turbidity ±10% NTU
Weather Conditions: clear cold 20°			
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: 1240	Depth to Product: —	Purging Equipment
Finish Time: 1335	Depth to GW: 17.50	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.38	☐ 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)
1255	1	6.46	832	3.66	66.7	12.0	30	17.51
1302	1.5	6.50	842	3.86	28.7	10.2	19.8	17.51
1310	2	6.52	843	3.93	16.7	11.1	0.8	17.51
1316	2.5	6.53	843	3.96	12.5	~~0.8~~ 1.40	-3.8	17.51
1321	3	6.54	839	3.99	9.03	1.38	-4.2	17.52
1327	3.5	6.54	837	4.07	6.55	1.32	-4.1	17.51
1332	4	6.54	837	4.08	6.35	1.30	-4.2	17.51
1335	4.5	6.54	837	4.08	6.41	1.32	-4.3	17.51

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? ☐ Yes ☒ No	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong		☐ Hach	

Sampling Information

Date: 10/25	Sampling Equipment
Start Time: 1335	☐ Bailer
Finish Time: 1430	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
	PCBs - not explosive	= 8x 1L Amber Unpres. + normal suite		
10FWAMW76-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU Site ID: Project #: 05F50701 Date: 10/28/10 Start Time: 1000 Finish Time: 1120 Sampled By: GE PID Reading: Weather Conditions:	Well ID: MW-77 Well Type: [X] Monitor [ ] Extraction Well Material: [ ] PVC [ ] Stainless Steel Well Integrity: [ ] Excellent [X] 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)
[X] Oil/Water Interface	[X] 2	[X] 0.17	[X] 0.0069
[ ] Electronic Water Indicator	[ ] 4	[ ] 0.66	[ ] 0.0280
[ ] Other_____			

Purging Information

Start Time: 1000 Finish Time: 1028	Depth to Product: 18.97 Depth to GW: 18.98 Total Depth (T.D.) of Well Casing: 22.55 Product Thickness:	**Purging Equipment** [ ] Bailer [ ] Submersible Pump [X] 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)
1010	1.25	5.98	555	5.43	0.97	0.68	218.9	19.11
1015	1.5	6.14	550	5.39	3.32	0.73	209.2	19.11
1020	2.5	6.24	547	5.37	0.79	0.71	200.9	
1025	3.0	6.30	544	5.38	0.65	0.70	197.0	
1028	3.5	6.34	543	5.38	0.59	0.69	194.0	

Color	Odor	Purged Dry?	Meters Used	Purge Water
[X] Clear	[ ] None	[ ] Yes [X] No	[ ] Horiba U-10	[ ] Treated
[ ] Cloudy	[X] Faint fuel		[ ] Horiba U-22	[ ] Discharged
[ ] Yellow	[ ] Moderate	Sheen?	[X] Multimeter	[ ] Stored
[ ] Brown	[ ] Strong	[ ] Yes [X] No	[ ] Hach	

Sampling Information

Date: 10/26/10 Start Time: 1030 Finish Time: 1115 Depth of Tubing:	Ferrous iron 0.02 mg/L	**Sampling Equipment** [ ] Bailer [ ] Submersible Pump [X] Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWA MW77-GWF				

YeS MNA

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU Site ID: 1/20/12 Project #: 05F50701 Date: 10/25/10 Start Time: 1110 Finish Time: 1245 Sampled By: MCJ/ADE/MID PID Reading: Weather Conditions: CLEAR 15°F	Well ID: MW78 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: ☑ 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: 1110 Finish Time:	Depth to Product: — Depth to GW: 17.70 Total Depth (T.D.) of Well Casing: 32.00 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)
1130	1	6.92	274	6.07	6.58	1.03	5.7	17.73
1135	1.75	7.03	274	6.09	5.70	1.03	-22.8	17.73
1140	2.5	7.09	274	6.08	6.10	1.01	-45.6	17.73
1145	3.~~50~~	7.12	274	6.10	4.48	2.11	-67.7	17.73
1150	4.25	7.14	275	6.20	4.40	0.42	-87.3	17.74
1155	4.25	7.16	275	6.17	2.67	0.59	-97.0	17.74
1200	5.0	7.17	275	6.19	2.04	0.48	-103.4	17.74
1205	5.25	7.18	275	6.19	1.63	0.44	-106.4	17.74

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear ☐ Cloudy ☐ Yellow ☑ Brown	☑ None ☑ Faint ☐ Moderate ☐ Strong	☐ Yes ☑ No Sheen? ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☑ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 10/25 Start Time: 1206 Finish Time: 1245 Depth of Tubing: 23	Fe^{2+} = 1.67 mg/L	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW78	6WF			

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

YES → MNA

Site Name:	Well ID: MW-79	Acceptable Range for Field Parameters
Site ID:	Well Type: ☒ Monitor ☐ Extraction	pH ± 0.1
Project #: Taku Gardens	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/25/10		
Start Time: 1430	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Finish Time:		Turbidity ±10% NTU
Sampled By: AG		
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: 1430	Depth to Product: —	Purging Equipment
Finish Time:	Depth to GW: 18.92	☐ 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)
1440	0.75	7.19	307	7.38	3.94	1.22	~~78~~ 79.8	18.96
1445	1.25	7.21	311	7.53	1.91	0.91	~~80~~ -83.3	18.96
1450	2.0	7.20	316	7.39	0.92	0.83	-99.4	18.96
1455	2.5	7.19	317	7.40	0.47	0.77	-102.0	18.96
1500	2.75	7.19	317	7.32	0.29	0.77	-98.0	18.96

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: 10/25/10	Ferrous iron 0.53 mg/L	Sampling Equipment
Start Time: 1505		☐ Bailer
Finish Time:		☐ Submersible Pump
Depth of Tubing:		☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW79-GWF	10 x 1L amber	8270/SIM, 8081, 8151, 8321	none	
	2 x 1L HCl	AK102/103		
	12 x 40mL	RSK175, 101, 8260	HCl	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

YES → MNA

Site Name: TAKU	Well ID: MW80		Acceptable Range for Field Parameters
Site ID: MW80	Well Type: ☐ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☐ PVC ☑ Stainless Steel		Conductivity ± 3%
Date: 10-28-10			
Start Time: 0930	Well Integrity: ☑ Excellent ☐ Good		Temp. ±0.2° C
Finish Time: 1100	☐ Fair ☐ Poor		Turbidity ±10% NTU
Sampled By: MD/JY/AE			
PID Reading:			
Weather Conditions: 24°F + snowing			
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: 0940	Depth to Product: —	Purging Equipment
Finish Time: 1030	Depth to GW: 15.31'	☐ Bailer
	Total Depth (T.D.) of Well Casing: 48.05'	☐ 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)
1000	2	6.59	171	3.04	22.6	1.6	-76.5	15.3'
1005	2.25	6.41	169	2.72	26.8	0.66	-69.8	15.3'
1010	3	6.52	169	2.6	32.4	0.49	-78.3	15.3'
1015	3.5	6.77	169	2.57	17.6	0.44	-88.4	15.3'
1020	4	6.83	168	2.54	13.6	0.45	-89.7	15.3'
1025	4.5	6.87	168	2.55	10.1	0.42	-89.6	15.3'

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: 10-28-10	Sampling Equipment
Start Time: 1030	☐ Bailer
Finish Time: 1050	☐ Submersible Pump
Depth of Tubing:	☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW80-GWF	1 1L	SW8081A, SW8151, SW8270C, TSDM, NWTPH-Dx		
	3 1L	AK102, 103	HCL	
	9 VOA	AK101, SW8260, TSDM,	HCL	
	1500mL poly	Metals	HNO3	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

No MNA

Site Name: TAKU	Well ID: MW-81	**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☐ Monitor ☐ Extraction	pH ± 0.1
Project #: 05F50701	Well Material: ☐ PVC ☐ Stainless Steel	Conductivity ± 3%
Date: 10/26/10	Well Integrity: ☐ Excellent ☐ Good ☐ Fair ☐ Poor	Temp. ±0.2° C
Start Time: 1515		Turbidity ±10% NTU
Finish Time: 1625		
Sampled By: AE		
PID Reading:		
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: 1520	Depth to Product:	**Purging Equipment**
Finish Time:	Depth to GW: 16.91	☐ Bailer
	Total Depth (T.D.) of Well Casing: 19.7	☐ 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) 17.5	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1530	2.0	6.96	369	3.7	~~>10~~	2.02	-177.4	17.00
1540	3.0	6.95	373	3.7	5.7	1.19	-77.1	17.01
1543	3.25	6.95	375	3.71	4.2	0.96	-81.2	17.01
1546	3.50	6.94	376	3.68	3.7	0.88	-82.2	17.01
1549	3.75	6.94	377	3.69	3.6	0.83	-84.7	17.01

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: 10/26/10	**Sampling Equipment**
Start Time: 1550	☐ Bailer
Finish Time: 1625	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW81-GWF				

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TaKu Site ID: Project #: 05F50701 Date: 10/27/10 Start Time: 1415 Finish Time: 1505 Sampled By: GE PID Reading: Weather Conditions:	Well ID: MW-82 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 ☐ Electronic Water Indicator ☐ Other_____	☒ 2 ☐ 4	☒ 0.17 ☐ 0.66	☒ 0.0069 ☐ 0.0280

Purging Information

Start Time: 1420 Finish Time: 1443	Depth to Product: Depth to GW: 18.5 Total Depth (T.D.) of Well Casing: 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

turbidity needs new battery.

Time Elapsed (Minutes)	Volume (Gallons)	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
1430	1.0	6.70	601	6.81	—	2.12	76.5	18.5
1435	1.75	6.69	598	6.85	0.46	1.46	75.9	↓
1440	2.5	6.67	596	6.93	0.53	1.31	75.0	↓
1443	3.75	6.66	597	6.92	0.51	1.27	74.4	18.5

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☒ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☒ No **Sheen?** ☐ Yes ☒ No	☐ Horiba U-10 ☐ Horiba U-22 ☒ Multimeter ☒ Hach	☒ Treated ☐ Discharged ☐ Stored

Sampling Information

Date: 10/27/10 Start Time: 1445 Finish Time: 1505 Depth of Tubing:	Ferrous iron 0.01 mg/l	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW82-GWF	2x1L	8270 SIM	4C	
	2x1L	AK102/103	HCl	
	9x40mL VOA	8260, 8260SIM, RSK175	HCl	
	1x500 mL	metals	HNO_3	
MNA param	1x250		H_2SO_4	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU Site ID: 1/20/12 Project #: 05P50701 Date: 10/27/10 Start Time: 1465 Finish Time: 1500 Sampled By: JY/AE/CJ PID Reading: Weather Conditions: CLEAR 25°F	Well ID: MW83 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: ☐ 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: 1415 Finish Time:	Depth to Product: — Depth to GW: 18.42 Total Depth (T.D.) of Well Casing: 21.90 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)
1425	0.5	6.24	153	7.24	1.74	7.36	8.1	18.46
1430	1.0	6.22	152	7.20	1.17	6.84	11.4	18.46
1435	1.5	6.28	150	7.10	0.99	6.42	12.7	18.46
1440	2.0	6.31	149	7.16	0.67	6.10	14.5	18.46

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: 10/27 Start Time: 1440 Finish Time: 1457 Depth of Tubing: ~19'	0.0 mg/L Fe^{2+}	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

MNA

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW84		**Acceptable Range for Field Parameters**
Site ID: MW 84	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/27/10 (1/20/12)	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1410			Turbidity ±10% NTU
Finish Time:			
Sampled By: CJ/JY/RE			
PID Reading:			
Weather Conditions: clear sunny 20°			
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: 1410	Depth to Product:	**Purging Equipment**
Finish Time: ~~1515~~ 1454	Depth to GW: 19.09	☐ Bailer
	Total Depth (T.D.) of Well Casing: 20.23	☐ 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)
1440	2	6.74	1428	7.47	5.91	1.87	241.7	19.07
1447	3	6.74	1435	7.52	2.86	1.55	220.0	19.08
1451	3.5	6.74	1438	7.54	2.41	1.52	217.3	
1455	4	6.74	1439	7.52	2.27	1.51	215.2	

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: 10/27	Fe^{2+} = 0.0 mg/L	**Sampling Equipment**
Start Time: 1456		☐ Bailer
Finish Time: 1527		☐ Submersible Pump
Depth of Tubing:		☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWA MW84-GWF	2x 1L Am			
	2x 1L Am			
	4x 40 VOA			

YESMNA

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKH Site ID: 1/20/12 Project #: 05F50701 Date: 10/27/10 Start Time: 0900 Finish Time: Sampled By: JY/CL/AE PID Reading: Weather Conditions: 60°F CLEAR	Well ID: MW 85 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 ☐ Electronic Water Indicator ☐ Other_____	☑ 2 ☐ 4	☐ 0.17 ☐ 0.66	☐ 0.0069 ☐ 0.0280

Purging Information

Start Time: 0920 Finish Time:	Depth to Product: – Depth to GW: 19.21 Total Depth (T.D.) of Well Casing: 22.0 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)
0930	1.5	7.12	395	7.52	1.68	1.13	-14.7	19.30
0935	2.5	7.14	394	7.53	2.38	0.99	-25.9	19.30
0940	3.5	7.16	396	7.55	1.13	0.78	-35.1	19.30
0945	4.5	7.17	393	7.54	0.75	0.68	-43.1	19.30
0950	5.5	7.18	392	7.52	0.89	0.71	-51.2	19.30

Color	Odor	Purged Dry?	Meters Used	Purge Water
☐ Clear ☐ Cloudy ☐ Yellow ☐ Brown	☐ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☐ No Sheen? ☐ Yes ☐ No	☐ Horiba U-10 ☐ Horiba U-22 ☐ Multimeter ☐ Hach	☐ Treated ☐ Discharged ☐ Stored

Sampling Information

Date: 10/27 Start Time: 0952 Finish Time: Depth of Tubing: ~ 21'	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☐ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: Taku	Well ID: MW-86		**Acceptable Range for Field Parameters**
Site ID:	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #: 05F50701	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ± 3%
Date: 10/27/10			Temp. ±0.2° C
Start Time: 0910	Well Integrity: ☐ Excellent ☒ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Finish Time: 1010			
Sampled By: QE			
PID Reading:			
Weather Conditions: Cold			
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: 0920	Depth to Product:	**Purging Equipment**
Finish Time: 1010	Depth to GW: 18.30	☐ 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) 1.75	pH	Conductivity (µS/cm)	Temp. (°F) (°C)	Turbidity (NTU)	Dissolved Oxygen (mg/L) (±10%)	ORP ±10mV	DRAW DOWN (ft)
0930	~~1.5~~	7.32	263	5.91	7.0	0.97	-116.1	18.31
0935	2.0	7.32	262	5.90	5.7	0.98	-127.5	
0940	2.5	7.31	263	5.93	2.3	0.87	-133.9	
0945	3.0	7.31	264	5.93	1.7	0.87	-137.9	
0948	3.5	7.30	264	5.92	1.3	0.86	-135.5	

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: 10/27/10	**Sampling Equipment**
Start Time: 0950	☐ Bailer
Finish Time: 1010	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW86-GWF	2 x 1L	8270 SIM	none	
	2 x 1L	AK102/103	HCl	
	6 x 40ml	8260, 8260 SIM	HCl	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW87		Acceptable Range for Field Parameters
Site ID: MW87	Well Type: ☒ Monitor ☐ Extraction		pH ± 0.1
Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ± 3%
1/20/12 Date: 10/27/10	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 1100			Turbidity ±10% NTU
Finish Time:			
Sampled By: MDK/JM/AE			
PID Reading:			
Weather Conditions: Clear 15°			
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: 1137	Depth to Product:	Purging Equipment
Finish Time: 1158	Depth to GW: 18.28	☐ Bailer
	Total Depth (T.D.) of Well Casing: 21.23	☐ 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)
1147	1	6.47	285	5.67	1.85	3.41	160.7	18.25
1152	1.5	6.49	282	5.75	1.76	3.39	161.2	18.25
1157	1.75	6.47	283	5.71	1.03	3.36	163.6	

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? ☐ Yes ☒ No	☒ Multimeter	☒ Stored
☐ Brown	☐ Strong		☐ Hach	

Sampling Information

Date: 10/27	Sampling Equipment
Start Time: 1158	☐ Bailer
Finish Time:	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW87-	2x 1 L Am.	AK 102/103	—	
GWF	2x 1L Am	~~8260~~, 8270SIM	HCl	
	6x 40 mL VOA	8260, 8260SIM	HCl	

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 #: 05F50701	Well Material: ☐ PVC ☐ Stainless Steel		Conductivity ±3%
Date: 10/27/10			Temp. ±0.2° C
Start Time: 1100	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Turbidity ±10% NTU
Finish Time: 1205			
Sampled By: GE			
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: 1110
Finish Time: 1205

Depth to Product:
Depth to GW: 17.43
Total Depth (T.D.) of Well Casing:
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)
1125	2.0	6.94	250	3.54	5.44	4.28	12.2	17.45
1135	3.0	6.93	254	~~3.67~~	—	3.00	-12.4	17.45
1140	4.0	6.93	251	3.64	—	3.08	-13.5	
1145	4.25	6.93	251	3.63		3.00	-13.4	17.45

turbidity meter is Frozen. turbidity appears to be decreasing L5

Color
☒ Clear
☐ Cloudy
☐ Yellow
☐ Brown

Odor
☒ None
☐ Faint
☐ Moderate
☐ Strong

Purged Dry? ☐ Yes ☒ No

Sheen? ☐ Yes ☒ No

Meters Used
☐ Horiba U-10
☐ Horiba U-22
☒ Multimeter
☒ Hach

Purge Water
☒ Treated
☐ Discharged
☐ Stored

Sampling Information

Date: 10/27/10
Start Time: 1145
Finish Time: 1205
Depth of Tubing:

Sampling Equipment
☐ Bailer
☐ Submersible Pump
☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW88-GWF	2x1L	8270 SIM	4C	
	2xL	AK102/103	HCl	
	6x40mL VOA	8260, 8260SIM	HCl	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TAKU	Well ID: MW89		Acceptable Range for Field Parameters
Site ID: MW89	Well Type: ☒ Monitor ☐ Extraction		pH ±0.1
1/20/12 Project #:	Well Material: ☒ PVC ☐ Stainless Steel		Conductivity ±3%
Date: 10/27/10	Well Integrity: ☒ Excellent ☐ Good ☐ Fair ☐ Poor		Temp. ±0.2° C
Start Time: 0930			Turbidity ±10% NTU
Finish Time: 1033			
Sampled By: AEICS154			
PID Reading:			
Weather Conditions: Clear 60°			
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: 0930	Depth to Product:	Purging Equipment
Finish Time: 1007	Depth to GW: 24.50	☐ Bailer
	Total Depth (T.D.) of Well Casing: 30.13	☐ 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)
1000	2.5	7.14	284	6.04	4.62	0.65	-106	24.49
1004	3	7.14	282	6.07	4.71	0.60	-104	24.51
1007	3.25	7.15	282	6.03	4.65	0.61	-104.0	24.50

Color	Odor	Purged Dry?	Meters Used	Purge Water
☒ Clear	☐ None	☐ Yes ☒ No	☐ Horiba U-10	☒ Treated
☐ Cloudy	☒ Faint - sulfur ?		☐ Horiba U-22	☐ Discharged
☐ Yellow	☐ Moderate	Sheen?	☒ Multimeter	☐ Stored
☐ Brown	☐ Strong	☐ Yes ☒ No	☐ Hach	

Sampling Information

Date: 10/27	Sampling Equipment
Start Time: 1008	☐ Bailer
Finish Time: 1033	☐ Submersible Pump
Depth of Tubing:	☒ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments
10FWAMW89	2x 1L Amb	AK102/103	HCl	
-GWF	2x 1L Amb	8270 SIM		
	6x 40mL VOA	8260 SIM, 8260	HCl	

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

Site Name: TACH Site ID: 1/20/12 Project #: 05E50757 Date: 10/27/10 Start Time: 1100 Finish Time: Sampled By: JY/CT/AFE PID Reading: Weather Conditions: CLEAR 10°F	Well ID: MW 90 Well Type: ☑ Monitor ☐ Extraction Well Material: ☑ PVC ☐ Stainless Steel Well Integrity: ☐ Excellent ☑ Good ☐ Fair ☐ Poor WELL BROKEN!	**Acceptable Range for Field Parameters** pH ± 0.1 Conductivity ± 3% Temp. ±0.2° C Turbidity ±10% NTU
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: 1122 Finish Time:	Depth to Product: — Depth to GW: 19.96 Total Depth (T.D.) of Well Casing: 22.10 Product Thickness: —	**Purging Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Casing Volume (Gallons) = (22.10 − 19.96) = (2.14) * (0.17) = (0.363) * 3 = (1.10)

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)
1140	0.75	6.98	328	1.80	4.34	2.59	-14.6	21.27
1145	1.0	6.98	327	1.79	2.97	2.37	-22.6	21.27
1150	1.25	6.99	327	1.76	1.73	2.03	-30.3	21.27
1155	1.75	7.00	326	1.82	1.17	2.31	-36.9	21.27
1200	2.00	7.02	325	1.86	0.85	2.14	-43.3	21.27
1205	2.75	7.03	324	1.87	0.66	2.05	-50.1	21.27
1210	3.0	7.04	323	1.86	0.58	2.17	-53.9	21.27

Color	Odor	Purged Dry?	Meters Used	Purge Water
☑ Clear ☐ Cloudy ☑ Yellow ☐ Brown	☑ None ☐ Faint ☐ Moderate ☐ Strong	☐ Yes ☑ No **Sheen?** ☐ Yes ☑ No	☐ Horiba U-10 ☐ Horiba U-22 ☑ Multimeter ☑ Hach	☐ Treated ☐ Discharged ☑ Stored

Sampling Information

Date: 10/27 Start Time: 1210 Finish Time: 1232 Depth of Tubing: ~21	**Sampling Equipment** ☐ Bailer ☐ Submersible Pump ☑ Peristaltic Pump

Sample ID #	Volume/Container	Analysis Requested	Preservative	Comments

Other Sample Types

QC Duplicate Sample #	QA Triplicate Sample #	Trip Blank Sample #

* PROTECTIVE WELL CAP BROKEN *

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TAKU 2010

"Rite in the Rain"®

ALL-WEATHER

ENVIRONMENTAL

No. 550F

Taku

2010

AKERS-WR-OSF520-H04-0018

3-30-10

Location TAKU Date 9/10

Project / Client DEEP WELL

WEATHER:
PERSONNEL:
0700 TAILGATE
0735 ARRIVE ONSITE TO TEST PIT
0805 ~~START~~ OPEN UP DMW-1. OFFSET ORIGINAL LOCATION DUE TO OVERHEAD HAZARDS.

0830: approximate dimensions of pit 6'×2'×6'

COLLECT DMW-1 OUTSIDE OF MULTIPLE SCREENS
FS 01 (0-2') - SAMPLE DMW-1 - 0.0 ppm
FS 02 (2-4') 0.0 ppm
FS 03 (6') 0.0 ppm

DUE TO DEPTH & SMALL SIZE 1 FS WAS COLLECTED PRIOR TO SAMPLE 10FWA-TAKU-DMW1 08:25 FOR DMW2 FIELD SCREENS AND SOIL CHARACTERIZATION EVERY 2' LIFT

Location Date

Project / Client

0845 OPEN DMW-2
0850 COLLECT
FS03 NWALL @ 0-2' bgs - 0.0 ppm
FS04 S WALL ↓ - 0.0 ppm
COLLECT 10FWA-TAKU-DMW2 0850
FS05 ~~2~~-4' bgs - 0.0 ppm
FS06 4'-6' bgs - 0.0 ppm

Samples 9/15/10

9/10/10 DMW1-
0825 10FWA-~~DRA~~ 9/15/10 SO-C01
1-4oz ga 8260, AK101 [MS/MSD]
2-8oz ga AK102/103, 8270, SW6020/7471, 8082, 8330.

0850 10FWA DMW2-SO-C02
1-4oz ga 8260, AK101
1-8oz ga AK102/103, 8270, SW6020/7471, 8082, 8330

Location Taku Deep Well Date 9/28

Project / Client

0700 - Tailgate
0800 - Calibrate PID - Fresh air = 0.0
Isobutylene - 100ppm
0900 Meet w/ Denali drilling
· Talk about plan & complete
SPA w/ PR, SB, JY, MD & CJ
· Changing sampling plan from WPA:
· CH_2M Hill says aquifer is 300' thick so there may be no seperation btw aquif
· Start sampling @ 6' then every 2.5' take samples w/in bags
· After gw - every 10' grab samples to log soil w/ PID
· From w/in fw zone grab one geotech samples from ≈ 35'
· Analytical samps: 1 highest, 1 surface & 1 smear zone

soil samples analyzed for AK 101 GRO, AK102/103 DRO/RRO, SW8082 PCBs, 6020/7471 RCRA, SW8260 VOC, SW8270 SVOCs, SW8330B explosives

Location Date

Project / Client

DMW2

1320 - Arrive on site
SB, MD, CJ & steven from ChemTrack
· Geotech sample to be taken from screened area rather than midway

1400 - Begin Drilling DMW2

1445 - not enough sample
· switching to 3" spoons

1509 - Collect sample from smear zone
10FWA-DMW2-SB-C03
1 x 4oz + MeOH
1 x 4oz
1 x 8oz
depth = 13'

1513 - Take field screens from intervals
FS1 - 1.0
FS2 - 0.9
FS3 - 0.8

Location _____ Date _____

Project / Client _____

1523 - Collect sample from FS 1
Interval - 7.5'-9'
10FWA-DMW2-SB-C04

1541 - Sand too liquid @ 25' interval - skipping & moving to next 10' interval for FS

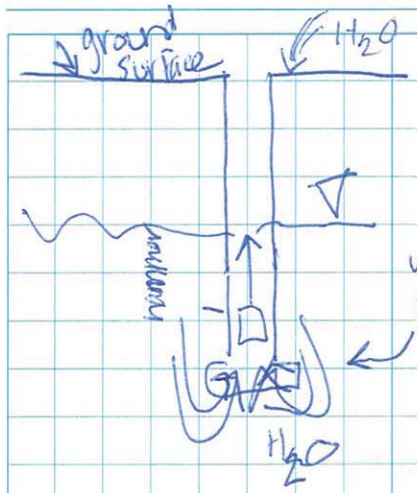
1546 - collect FS4 from 30'-32'
PID = 0.1 ppm

1656 - Water table loss causing sand heaving & no sample plus bad drilling.
Water brought in & will be pumped in @ same time the split spoon is being brought out in order to lessen heaving (hopefully)
- see diagram on next page

1700 - End of day

Location _____ Date _____

Project / Client _____



adding water should prevent this

when hammer comes out water rushes in

Location Takli Deep Wells Date 9/29

Project / Client

0700 - Tailgate
0730 - Bump test PID -
Isobutylene = 100ppm

0810 - Arrive onsite w/ drillers
CJ + Steven from chemtrack

0910 - MD arrives onsite
Denali Drilling pumping
water into tank + readying
equipment

0923 - Begin drilling - must redrill
approx 8ft after fill in from
yesterdays heaving

0947 - Begin actual drilling

1000 - Try to get grab samples from
40' - too much heaving so
continue to 50' + try again.
Discussion decided that the
well developement + installation
is more important than soil

Location Date 9/29

Project / Client

DMW2

logging so our rotary drilling
will continue rather than
augering.
- If an auger is used FS
+ geotech samples may be
collected but well may not develope
correctly due to bad soil cuttings.

1145 - Switch to auger to leave
small "plug" in bottom to
try to prevent heaving

- 3" samples spoon
- collect sample for geotech +
FS5 @ 50' - 52'
- Sample in gallon bag
GT01 - DMW2

1212 - Collect FS6 from
60' - no more heaving issues
- using a 3 3/8" tricone
bit instead of hammer +
shoes

Location _____ Date 9/29

Project / Client DMW2

FS5 - 1.0 ppm
FS6 - 1.7ppm

1230 - Break for lunch

1330 - Return to site
CJ, Steve from chemtrack &
2 from Denali Drilling

1410 - Enzo & SB visit site
- Begin placing casing for
55'-60' interval

1415 - Placing casing for 60-65
interval

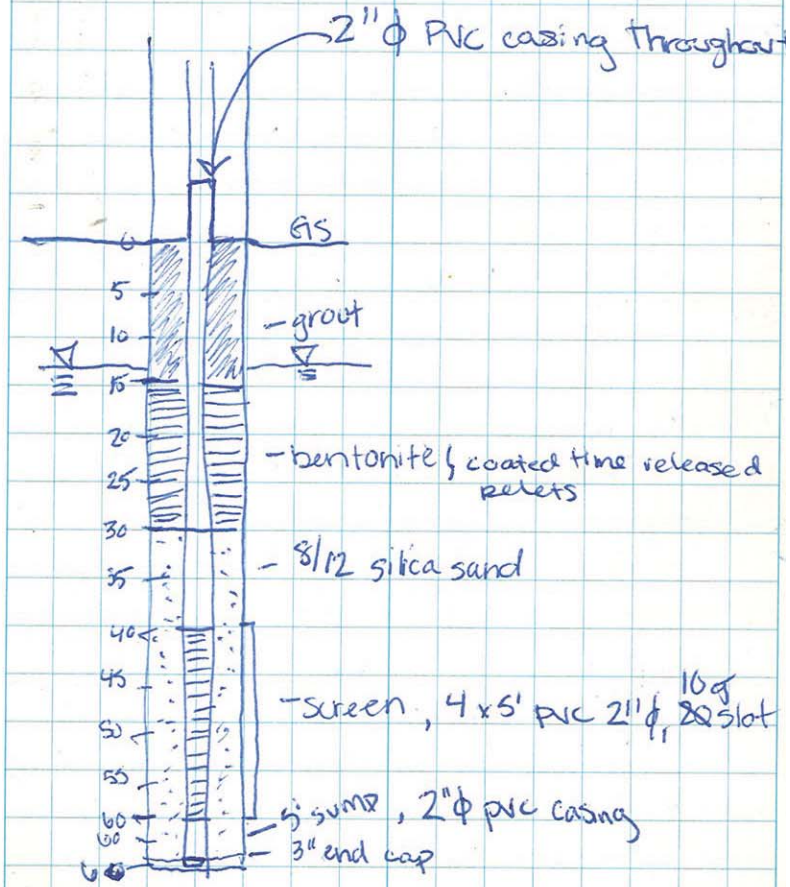
1517 - Trip out piping
- check depth - only @ 63'
sand must have heaved
- Trip back in & try cleaning
out sand from inside casing

Location _____ Date 9/29

Project / Client DMW 2

1611 - Re-drill working
measure @ bottom of casing
= 68'

1630 - Begin well construction



Location

Date 9/29

Project / Client DMW2

~~HA~~ CJ

1700 - Jess & cuffy visit site to watch well construction

1830 - Complete well construction head back to field office

- Deviation from original construction plan:
  - more bentonite was added to increase from 5' to 15'
    - worry was that was were too soft due to so much heaving sand
  - sand had to be added one cup @ a time due to well walls being more chewed up from tricone bit & shoe at the bottom of the well causing a bottleneck

EOD

CJ

Location

Date 9/30

Project / Client Deep Monitoring Well

0700 - Tailgate

0800 - Calibrate PID
Fresh air - 0.0 ppm
Isobutylene - 100ppm

0900 - Driller tear down & begin decon for all casings & drill bits in preparation for next well

1125 - Decon complete - arrive on site w/ Denali Driling & Steven, & CJ to start DMW1

1130 - Begin pounding 0-5' casing @ DMW1

1300 - Return to site and begin dilling - collect field screens every 2.5' starting @

Location DMW1 Date 9/30

Project / Client

	PID ~~Depth~~	Depth
FS1	0.5	7.5-9.5
FS2	~~0~~ 2.6	10-12
FS3	2.0	12.5-13.5
FS4	2.8	13.5-14.5
FS5	1.9	15-16
FS6	3.0	16-17

Hit ground water @ approximately 15.5'

- Collect two samples
  - one from smear zone 13.5-15.5'
  - ~~*~~ one sample from FS2

1448 - 10FWA-DMW1-SB-C05
2x 8oz - TOC,
1x 4oz + meOH
1x 4oz
10FWA-DMW1-SB-C06
Duplicate
MS | MSD
~~2~~ x 8oz
2x 4oz
~~3~~ 1x 4oz meOH

Location DMW1 Date 9/30

Project / Client

1500 - 10FWA-DMW1-SB-C07
2x 8oz
1x 4oz
1x 4oz +meOH

*extra 8oz taken for TOC analysis for method 3 calculator

1510 - Collect FS 8 from 33-35'

1546 - Attempt to collect FS 9 from 43'-45'
- sample spoon comes back empty due to broken stopper ball
- moving on to next interval

1620 - Attempt to collect sample from 48'-50'
- hammer took 1 blow to drive 2' - no sample

Location _____ Date 9/29

Project / Client DMW1

	PID	Depth
FS 7	1.9	23-25
FS 8	1.6	33-35
FS 9	3.7	53-55
FS 10	2.3	58-60

1700 - Collect GT02 from 53-55

1720 - Collect GT03 from 58'-60'

1730 - End of day

g

Location _____ Date 10/01

Project / Client DMW1

~~083~~

0700 Tailgate

0800 Bump test PID - 100ppm Iso

0839 Steven + CJ arrive on site

- Begin pounding 60' - 65' casing in

0850 - Begin pounding 65' - 70' casing in

0900 - Alli Empey joins on site

- Finish 70' casing

0910 - Small pieces bark + wood coming out w/ silty sand + gravels @ 66'

0937 - Collect FS11 @ 68'-70' 2.8 ppm

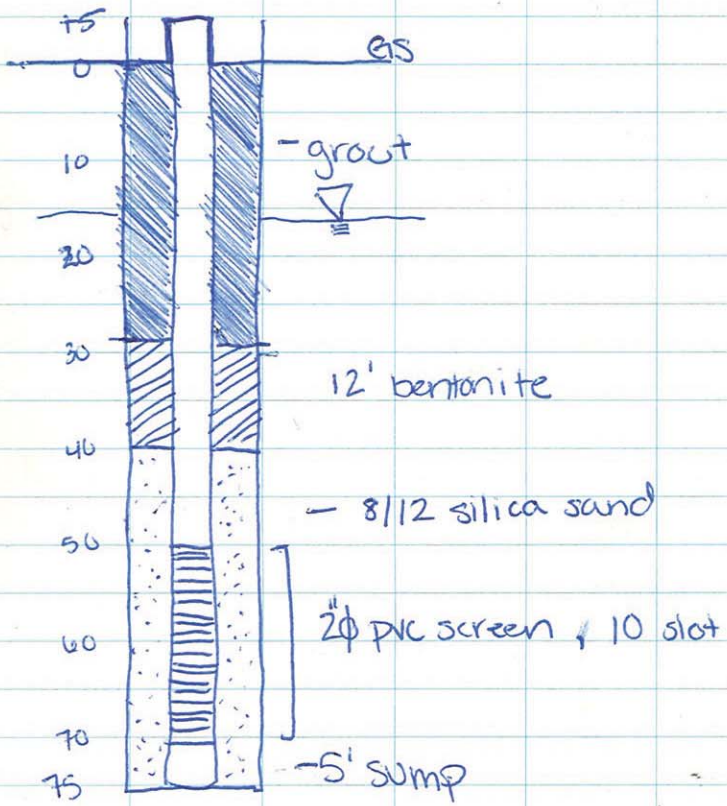
Location

Date 10/01

Project / Client DWM 1

1030 Begin well construction
MD arrives on site

2"ϕ PVC throughout



Location

Date 10/01

Project / Client

1200 - Break for lunch

1330 - Return from lunch to
mix & place grout
Site clean-up
1645 Throw out trash.
1700 End of Day

Location DMW2 - TAKU Date 10/2

Project / Client USAED

WELL DEVELOPMENT

WEATHER: PARTLY CLOUDY ~40-50°F

0700 TAILGATE. BUMP CHECK PID: 99.6

0930 JY & ADE ARRIVE AT DMW2 TO DEVELOP WELL.

PID: 2.4 ppm

TOTAL DEPTH 69.00

Depth to GW ~19'

interface probe not working appropriatly approximate Depth to GW.

~~1100~~ 1030 BEGAN PUMPING WITH WATERRA @ DEPTH. NO FLOW.

1040 SHUT OFF AND MOVE TO ~25' TO SEE IF ~~#~~ WATER WILL PUMP. FOOT VALVE NOT ON TUBE.

1050 BEGIN TO PUMP @ 25' WITH NEW FOOT VALVE. SUSPECT INTEGRAL PIECE OF EQUIPMENT, SUCH AS ~~SURGE~~ SURGE BLOCK, MISSING

1105 NO FLOW. SHUT DOWN DEVELOPMENT. REASSESS NEEDS.

Location TAKU DMW Date 10/4

Project / Client USAED

WELL DEVELOPMENT

WEATHER: PARTLY CLOUDY 30-50F

0700 TAILGATE

1120 CJ ARRIVES WITH PROPER EQUIPMENT

1300 SH CALCULATES PURGE VOL:

= 2'/12' - (DIAMETER OF WELL)

= DIAMETER/2 = R

A = πR^2

A x SANDPACK HIEGHT = V ft^3

ft^3 = gal

= 25 gal/WELL

1330 BUMP TEST PID

= 99.6 ppm

1335 OPEN DMW-1

PID = 0.3

DEPTH TO H_2O - 17.21'

TOTAL DEPTH - 78.80

1350 TTT SENT 2" SURGE BLOCK FOR 2" WELL. WELL REQUIRES 1 1/2" SURGE BLOCK. WELL DEVELOPMENT DOES NOT OCCUR 10/4

Location TAKU DMW Date 10/5

Project / Client USAED

WELL DEVELOPMENT

WEATHER: PARTLY CLOUDY 40-50F

PERSONNEL: JY/CA

0700 TAILGATE

1330 ARRIVE @ WELLS

1405 BEGIN DEVELOPING / PUMPING @ DMW-1

1420 - Begin developing / pumping @ DMW2

1440 CHECK TURBIDITY

DMW-1 ~ ~~40~~ 45 gal 445 NTU

DMW2 - ~ 20 gal 105 NTU

TURN DOWN WATTERA

1445 ~~45~~ ~~25~~ 40

DMW-1 ~ ~~50~~ 20 gal 315

DMW-2 ~ ~~40~~ gal 39.1

OVERESTIMATED DMW1 / VOL INITIALLY DMW2

1450

DMW-1 ~ 40 gal 147 -

DMW-2 ~ ~~45~~ 20 gal 9.45

Location TAKU DMW Date 10/5

Project / Client

1455

DMW1 ~ 45 gal 97.4

DMW2 ~ 25 gal 5.13

1500

DMW1 ~ 45 gal 46.0

DMW2 ~ 25 gal 3.79

DMW2 DEVELOPED REMOVE SURGE BLOCK. CLOSE UP WELL

1505

DMW1 ~ 50 gal 33.9

1510

DMW1 ~ 50 gal 24.7

1520

DMW1 ~ 53 gal 11.5

1525

DMW1 - 53 g 8.69

1530

DMW1 - 55 g 9.01

COMPLETE DMW2

Location TAKU DMW Date 10/9/10

Project / Client USAED

GROUNDWATER MONITORING

0700 TAILGATE

RPM PERSONNEL: JY/CJ

WEATHER: 30F FOG

0800 CALIBRATE YSIS

GIB1025 12282AC

pH 4.0 @ 0C 4.01

3.97 4.01

pH 7.00 @ 0C 7.12

7.12 7.13

CONDUCTIVITY - CAL ONLY GOES TO 5C

@ 5C 896

896 897

ORP @ 0C 260MV

260.1 260.0

DO @ 738.7 mmHg & 741.4 mmHg

97.0% 97.5%

0900 ARRIVE @ WELLS

COLLECT WWPI FROM DMWS

PRIOR TO SAMPLING

1100 BEGIN @ DMW-1

TOP LINE BROKE. PULL

MORE TUBE TO COMPENSATE.

PUMPING - 10' FROM

BOTTOM OF WELL.

Location TAKU DMW Date 10/9/10

Project / Client

VERY TURBID

LABEL SOIL CUTTING DRUMS

10FWA-TAKU-DMW-DR1 TO DR5

DRUMS 1-3 LIKELY DMW1

DRUMS 4-5 LIKELY DMW2

BASED ON STAGING LOCATION

1310 DEPART SITE

PROJECT:

BORING LOG

BORING NO. #1	PROJECT NO. Taku Deep Wells	LOCATION NE Corner Taku	SHEET OF
TIME START 8:00am	DRILLING CONTRACTOR Chad	DRILLING EQUIPMENT Hitachi excavator 160	DATE
TIME STOP 8:40am	DRILLING CREW Chemtrak	DRILLING METHOD test pit	SAMPLING METHOD from excavator bucket
TOTAL DEPTH 6'	BACKFILL MATERIAL excavated material	WATER FIRST ENCOUNTERD —	FINAL DEPTH TO WATER —

DEPTH BELOW SURFACE	FIELD SCREEN (ppm)	SAMPLE NUMBER	INCHES DRIVEN/ RECOVERED	WATER LEVEL	USCS	LOG OF MATERIAL (Lithology, grain size, sorting, angularity, Munsell color/notation, water, density, signs of contamination, consistency)
1	0.0ppm	DMW-SO-C01		moist	SM	fine sand and silt, well sorted, no SOC
2						color yellowish, light brown
3	0.0ppm			moist	SM	Same
4						
5	0.0ppm			moist	SM	Same
6						
7						
8						
9						
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						

LOGGED BY: _____ OFFICE: _____ DATE: _____

PROJECT:

BORING LOG

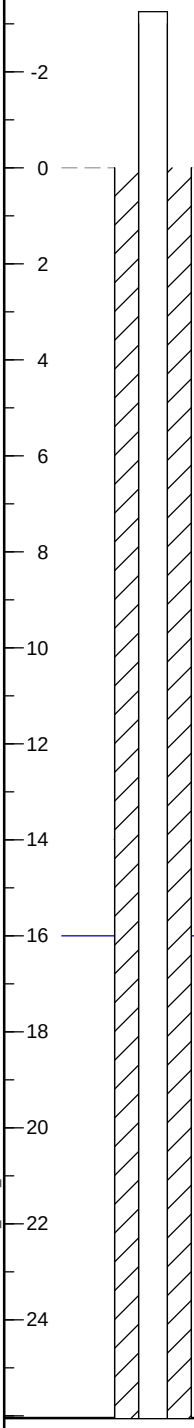
BORING NO. #2	PROJECT NO. Taku Deep Wells	LOCATION NE Corner Taku	SHEET OF
TIME START 8:40am	DRILLING CONTRACTOR Chem-trak	DRILLING EQUIPMENT Hitachi excavator 160	DATE
TIME STOP 9:10 am	DRILLING CREW Chad	DRILLING METHOD test pit	SAMPLING METHOD from excavator bucket
TOTAL DEPTH 6'	BACKFILL MATERIAL excavated material	WATER FIRST ENCOUNTERD –	FINAL DEPTH TO WATER –

DEPTH BELOW SURFACE	FIELD SCREEN (ppm)	SAMPLE NUMBER	INCHES DRIVEN/ RECOVERED	WATER LEVEL	USCS	LOG OF MATERIAL (Lithology, grain size, sorting, angularity, Munsell color/notation, water, density, signs of contamination, consistency)
1	0.0ppm	DMW-SO-002		moist	SM	fine sand and silt, well sorted, no soc Color = yellowish brown
2						organic rich layer at 2'
3	0.0ppm			moist	SM	Same
4						
5	0.0ppm			moist	SM	Same
6						
7						
8						
9						
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						

LOGGED BY: _____ OFFICE: _____ DATE: _____

BORING & WELL LOG

Project: **Fort Wainwright DMW-Taku**		ID: **DMW1**
Client: **US Army Corps of Engineers, Alaska Division**		Surface Elev. (m) / Elev. Datum **NAVD88**
Easting (m)	Northing (m)	Coordinate and Projection System **WGS84, UTM Zone 6N**
Date Costructed: **30 Sep 2010**	Driller: **Denali Drilling**	Geologist: **Steven McCain**
Type of Hole: **Monitoring Well**	Depth to Groundwater: **16.0 ft bgs (measured after drilling)**	
Drill Rig: **CME 85**	Tooling: **Modified Air Rotary, tricone bit**	Total Depth: **75.0 ft**



Depth (ft)	USCS Symbol	PID (ppm)	Soil Description
-2			
0	SM		SAND: yellowish light brown well sorted fine sand and silt no sign of contamination
2		0.0	Analytical Sample 10FWA-DMW1-SO-C01
4			
6	ML		SILT: light brown well sorted silt and fine sand with few lenses of orange staining moist
8		0.5	
10	ML	2.6	Analytical Sample 10FWA-DMW1-SB-C05, C06 (MS/MSD)
12			
			wet
14	SP	0.8	SAND: dark brownish grey well sorted fine and medium sand saturated Analytical Sample 10FWA-DMW1-SB-C07
16		1.9	transition at 16 feet - darker gray,
		3.0	saturated Groundwater @ 16 feet
18			
20			
22			
24		1.9	light grey well sorted fine sand with silt and medium sand
	SP		

BORING AND WELL LOG 2010 FTW_DMW_2010PROJ.GPJ WNTF2010 TMPLT.GDT 2010/12/16

JACOBS

Project: **Fort Wainwright DMW-Taku**

ID: **DMW1**

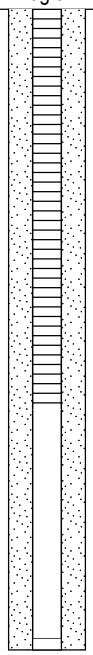
Depth (ft)	Construction Diagram	Construction Description	USCS Symbol	Lithology	PID (ppm)	Soil Description
			SP			SAND: dark gray medium sorted fine and medium sand with sub-rounded to sub-angular gravel (<1.5") wet
28						
30		2" PVC casing				
32						
			SW			SAND: dark gray poorly sorted fine sand with silt and coarse sub-rounded gravel (<1.5") wet
34		12' Bentonite			1.6	
36						
38						silty water washing up with fine to coarse gravel (<2")
40						
42						
44						No recovery
46						
48						
50						
52		8/12 Silica sand				
			SP		3.7	SAND: dark grey moderately sorted sand with sub-rounded gravel (<1") wet
54						Analytical Sample GT02
56						
58			SW		2.3	dark grey moderately sorted sand with fine sub-angular to subrounded gravel (<1")
						Analytical Sample GT03
60		2" PVC screen, 10 slot				

BORING AND WELL LOG 2010 FTW_DMW_2010PROJ.GPJ WNTF2010 TMPLT.GDT 2010/12/16

JACOBS

Project: **Fort Wainwright DMW-Taku**

ID: **DMW1**

Depth (ft)	Construction Diagram	Construction Description	USCS Symbol	Lithology	PID (ppm)	Soil Description
62			SP			SAND: dark grey moderately sorted sand with sub-rounded gravel (<1") wet
64						
66						small pieces of bark/wood
68			SW			SAND: greyish poorly sorted medium to coarse sand with fine to coarse sub-angular gravel (maximum 2.5") silty washout, more fines assumed
70					2.8	
72		5' Sump				
74		3" End Cap TD= 80 feet below TOC				Total Depth = 75 feet bgs
76						
78						
80						
82						
84						
86						
88						
90						
92						
94						
96						

BORING AND WELL LOG 2010 FTW_DMW_2010PROJ.GPJ WNTF2010 TMPLT.GDT 2010/12/16

BORING & WELL LOG

Project: **Fort Wainwright DMW-Taku**		ID: **DMW2**
Client: **US Army Corps of Engineers, Alaska Division**		Surface Elev. (m) / Elev. Datum **NAVD88**
Easting (m)	Northing (m)	Coordinate and Projection System **WGS84, UTM Zone 6N**
Date Costructed: **28 Sep 2010**	Driller: **Denali Drilling**	Geologist: **Steven McCain**
Type of Hole: **Monitoring Well**	Depth to Groundwater:	
Drill Rig: **CME 85**	Tooling: **Air Rotary Hammer**	Total Depth: **68.0 ft**

Depth (ft)	Construction Diagram	Construction Description	USCS Symbol	Lithology	PID (ppm)	Soil Description
-2		2 foot stickup - 2" PVC				
0			SM			SAND: yellowish brown well sorted fine sand and silt no sign of contamination moist
2			SM PT		0.0	Analytical Sample 10FWA-DMW2-SO-C02 Organic rich layer
4						
6			SM			SAND: light yellowish brown well sorted light silty sand with trace gravel damp
8		Grout	SM		1.0	Analytical Sample 10FWA-DMW2-SB-C04
10					0.9	light brown well sorted fine and medium sand and silt damp
12			SM		0.8	Analytical Sample 10FWA-DMW2-SB-C03 moist grey well sorted fine and medium sand, trace light yellowish brown sub-rounded gravel saturated
14						
16						
18						
20		2" PVC	SP-SM			SAND: light to dark grey medium sorted sand and sub-angular to sub-rounded gravel assuming silt based on wash water
22		Bentonite coated time release pellets				
24						

BORING AND WELL LOG 2010 FTW_DMW_2010PROJ.GPJ WNTF2010 TMPLT.GDT 2010/12/16

JACOBS

Project: **Fort Wainwright DMW-Taku**

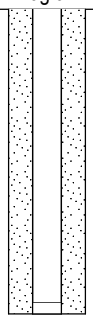
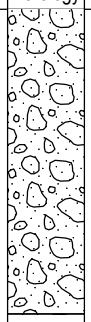
ID: **DMW2**

Depth (ft)	Construction Diagram	Construction Description	USCS Symbol	Lithology	PID (ppm)	Soil Description
			SP-SM			SAND: light to dark grey medium sorted sand and sub-angular to sub-rounded gravel assuming silt based on wash water
28						
30					0.8	
			GW			
32			GP-GM			GRAVEL: well graded gravel with silt assuming GM based on wash water
34						
36						
38						
40						
42						
44						
		8/12 silica sand				
46						
48						
50		Slotted Screen, 4x5' PVC 2", 10 slot	GW/SW			
52			GW/SW			Analytical Sample GT01-DMW2
54						
56						GRAVEL: dark grey poorly sorted coarse sub-angular gravel with poorly sorted fine and medium sand, trace cobbles wet
58						
60			GP/SP			GRAVEL: moderately sorted sub-rounded gravel with fine to coarse sand

JACOBS

Project: **Fort Wainwright DMW-Taku**

ID: **DMW2**

Depth (ft)	Construction Diagram	Construction Description	USCS Symbol	Lithology	PID (ppm)	Soil Description
62			GP/SP			GRAVEL: moderately sorted sub-rounded gravel with fine to coarse sand
						lens of fine to coarse sand, trace gravel
64		5' sump, 2" PVC casing				
66						
68		3" end cap TD= 70 feet below TOC				Total Depth = 68 feet bgs
70						
72						
74						
76						
78						
80						
82						
84						
86						
88						
90						
92						
94						
96						

APPENDIX E

Response to Comments

REVIEW COMMENTS

PROJECT: Former Communications Site, Fort Wainwright
DOCUMENT: Draft 2010 Groundwater Monitoring Report, November 2011

U.S. ARMY CORPS OF ENGINEERS CEPOA-EN-EE-TE	**DATE: 2/13/2012** **REVIEWER: Deb Caillouet** **PHONE:** (907) 269-0298	**Action taken on comment by:** Jacobs Engineering Group Inc.

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - comment accepted W - comment withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A-AGREE) (D-DISAGREE)
	General	The sampling methods for the soil and groundwater should be described along with the well development.	A	The following paragraph will be added to section 3.1 describing the sampling methods: "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. 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 in the well. 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 (Appendix B; Table B-3-2) (USACE 2011)." The following paragraphs will be added to section 3.2 describing the soil sampling and well development conducted at the new DMWs: "Soil boring samples were collected based on field screening results of the soil within the soil boring core that was extracted by a drill rig. An analytical sample was collected from the soil with the highest field screening result. Each sample was collected using a new disposable sampling device or one that had been decontaminated. Groundwater samples were collected as described in	

U.S. ARMY CORPS OF ENGINEERS CEPOA-EN-EE-TE	DATE: 2/13/2012 REVIEWER: Deb Caillouet PHONE: (907) 269-0298	Action taken on comment by: Jacobs Engineering Group Inc.

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - comment accepted W - comment withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A-AGREE) (D-DISAGREE)
				section 3.1 of this report, however a Waterra pump was used in place of the peristaltic pump. Groundwater wells will be developed using a Waterra pump, or comparable equipment. Well development was complete when the turbidity of purge water measures less than 5 Nephelometric Turbidity Units (NTU)."	
	General	There are two deficiencies in the laboratory analysis that due to the extremely late availability of the 2010 report probably are carried into the 2011 sampling. Please make sure that all future groundwater analysis for this site obtains sufficiently low detection limits for 1,2,3-trichloropropane and uses the correct method for the EDB.	A	Due to a field error, the SW8260 Low Level method was not requested for 1,2,3 –TCP during 2010. This was rectified during both 2011 sampling events. The low-level method for EDB was not used in 2010 or 2011. EDB was not identified as a COC during the RI. Additionally, since leaded gasoline has not been observed during any sampling events it is unlikely that EDB is present.	
	4.1	This section should also explain that the results for 1,2,3-trichloropropane while presented as non-detect for many wells, had detection limits above the regulatory level and therefore it is not possible to determine the extent of the 1,2,3 TCP contamination.	A	The following paragraph will be added to section 4.1: "The analysis method (SW8260) used for 1,2,3 –TCP during the sampling events did not provide a detection limit lower than the ADEC cleanup criteria, therefore although only one well (MW79) showed an exceedance of TCP other wells may have been slightly above the cleanup level. However, based on historical data it is likely that no other wells have concentrations of TCP exceeding the cleanup criteria."	

U.S. ARMY CORPS OF ENGINEERS CEPOA-EN-EE-TE	**DATE: 2/13/2012** **REVIEWER: Deb Caillouet** **PHONE:** (907) 269-0298	**Action taken on comment by:** Jacobs Engineering Group Inc.

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - comment accepted W - comment withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A-AGREE) (D-DISAGREE)
	6.1	Please explain when the FCS Groundwater Long Term Monitoring Program Recommendations Report for 2011 will be available.	A	The 2011 Groundwater Data Report will be available in mid-February 2012	
	Attachment B-1	Table of 2010 Taku Gardens Spring Groundwater Results. There are multiple entries that only consist of the data qualifiers and do not contain any values. This appears to be a format problem.	A	The format of the spring groundwater results table will be updated so results for all analytes and qualifiers will be visible.	
	Attachment B-1	Table of 2010 Taku Gardens Groundwater Waste Results. ADEC has a cleanup level of .0035 mg/l for 4, 4-DDD. Please include this.	A	The 4,4-DDD cleanup level of 0.0035 mg/L will be added to the 2010 groundwater waste results table.	
	Lab Data Checklists/DQA	On two data packages, 22489 and 20559 the narrative states that the 8321 samples were filtered. The sampling log (the only one I could find) does not indicate any turbidity. Please explain why the samples had visible sediment that had to be removed and any impact this filtering had on the results.	Noted	The laboratory extraction procedure utilizes a solid phase extraction cartridge. These cartridges are prone to clogging when suspended solids are present in the sample, so the lab will filter samples prior to extraction as needed (lab professional judgment). There should be no effect on the sample results due to filtering because the used filter that contains trapped solids is washed with solvent. The wash solvent is combined with the solvent used to extract the cartridge providing capture of analytes from the solid and liquid portion of the sample. The turbidity readings for the spring and fall groundwater samples are found on the groundwater monitoring forms located in Appendix D of the report. Turbidity readings for the filtered samples in question are summarized below: SDG 20559	

U.S. ARMY CORPS OF ENGINEERS CEPOA-EN-EE-TE	DATE: 2/13/2012 REVIEWER: Deb Caillouet PHONE: (907) 269-0298	Action taken on comment by: Jacobs Engineering Group Inc.

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - comment accepted W - comment withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A-AGREE) (D-DISAGREE)
				MW06A – 4.22 NTU MW38 – 4.42 NTU MW43 – 3.87 NTU MW57 – 2.57 NTU MW58 – 6.83 NTU SDG 22489 MW39 – 2.96 NTU MW40 – 1.62 NTU MW78 1.63 NTU MW79 0.29 NTU	
	Checklist 580-22645	3.c. says the samples were received intact, but 3.d. notes broken vials. Please reconcile.	A	The text of ADEC checklist 580-22645, item 3. C, will be updated as follows: "The cooler receipt form noted several sample containers were found broken during login. See section 3-d for details."	
	Appendix D	There are 42 wells listed to be sampled in Table 3-1. In this appendix, the first group of well sampling data sheets there are 29 different wells provided and 2 of those are the deep wells. There are data sheets missing for 15 wells. Please provide all and make sure that the backside is provided when necessary.	A	The complete set of well logs will be provided in the FINAL version.	
	Appendix D	There are 42 wells listed to be sampled in Table 3-1. In this appendix, the second group of well sampling data sheets there are 42 data sheets, but all are duplicates, there are only 21 unique data sheets. Please provide all and make sure that the backside is provided when necessary.	A	The complete set of well logs will be provided in the FINAL version.	

REVIEW COMMENTS

PROJECT: Former Communications Site, Fort Wainwright
DOCUMENT: Draft 2010 Groundwater Monitoring Report, November 2011

U.S. ARMY CORPS OF ENGINEERS CEPOA-EN-EE-TE	**DATE: 2/13/2012** **REVIEWER: Deb Caillouet** **PHONE:** (907) 269-0298	**Action taken on comment by:** Jacobs Engineering Group Inc.

Item No.	Drawing Sheet No., Spec. Para.	COMMENTS	REVIEW CONFERENCE A - comment accepted W - comment withdrawn (if neither, explain)	CONTRACTOR RESPONSE	USAED RESPONSE ACCEPTANCE (A-AGREE) (D-DISAGREE)
	Appendix D	The logs for DMW1 and DMW2 do not provide the depth at which the well was sampled. I could not find anything in the log books either. The amount of purge seems to indicate that the sampler knew it was a deep well but were 40 gallons really removed with a Waterra?	A	The depths of tubing are listed on the well log and are 60' for DMW-1 and 70' for DMW-2. The well was purged according to the well log. Two 55-gallon drums were used to purge and develop the wells.	
	Appendix D	Many of the sampling logs do not include the year, a couple show the date as 12/26 in one spot and 10/26 in another. In general these logs are not defensible.	A	The well logs have been updated to show the year they were sampled.	