LMS/SAL/S04639

Data Validation Package

April 2008
Groundwater and Surface Water Sampling at the Salmon, Mississippi, Site

August 2008

U.S. Department of Energy
Office of Legacy Management

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for the U.S. Department of Energy Office of Legacy Management.

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End of current text

Sampling Event Summary

Site: Salmon, Mississippi, Site

Sampling Period: April 14-17, 2008

The *Long-Term Surveillance and Maintenance Plan for the Salmon Site, Lamar County, Mississippi, Revision 1* (Draft), requires annual on-site groundwater monitoring from 28 locations to confirm that residual concentrations of organics and metals attenuate as expected. Six surface water locations are monitored at the same frequency for metals to verify that discharge of shallow contaminated groundwater is not adversely affecting surface water locations.

Sampling and analysis was conducted as specified in the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management Sites*. Duplicate samples were collected from locations HMH-16R, HMH-5R, and SA5-4-4. One trip blank was collected during this sampling event.

This report includes data for metals and volatile organic compounds (VOCs) for the locations sampled. Samples for tritium and gamma-emitting nuclide analysis were submitted to with the Environmental Protection Agency's (EPA) Radiation and Indoor Environments National Laboratory (Las Vegas, Nevada) under requisition identification number (RIN) 08031473. The results of the EPA analyses will be available at a later date due to the extended time needed for low-level tritium analysis.

Concentrations of contaminants of concern exceeding respective standards, the drinking water maximum contaminant level (MCL), are provided in Table 1. On-site sample locations are shown in Figure 1. All concentrations are expressed in milligrams per liter (mg/L).

Table 1. Analytical Results Exceeding MCL for Sampled Wells

Analyte	MCL (mg/L)	Location	Result (mg/L)
Arsenic	0.010	SA1-3-H	0.019
Barium	2.000	SA4-5-L	2.1
Chromium	0.100	HM-3	0.120
cis-1,2-Dichloroethene	0.070	HMH-5R	0.090
Trichloroethene	0.005	HMH-5R	0.130

Jack Duray
Site Lead, S.M. Stoller

1 August 2008
Date

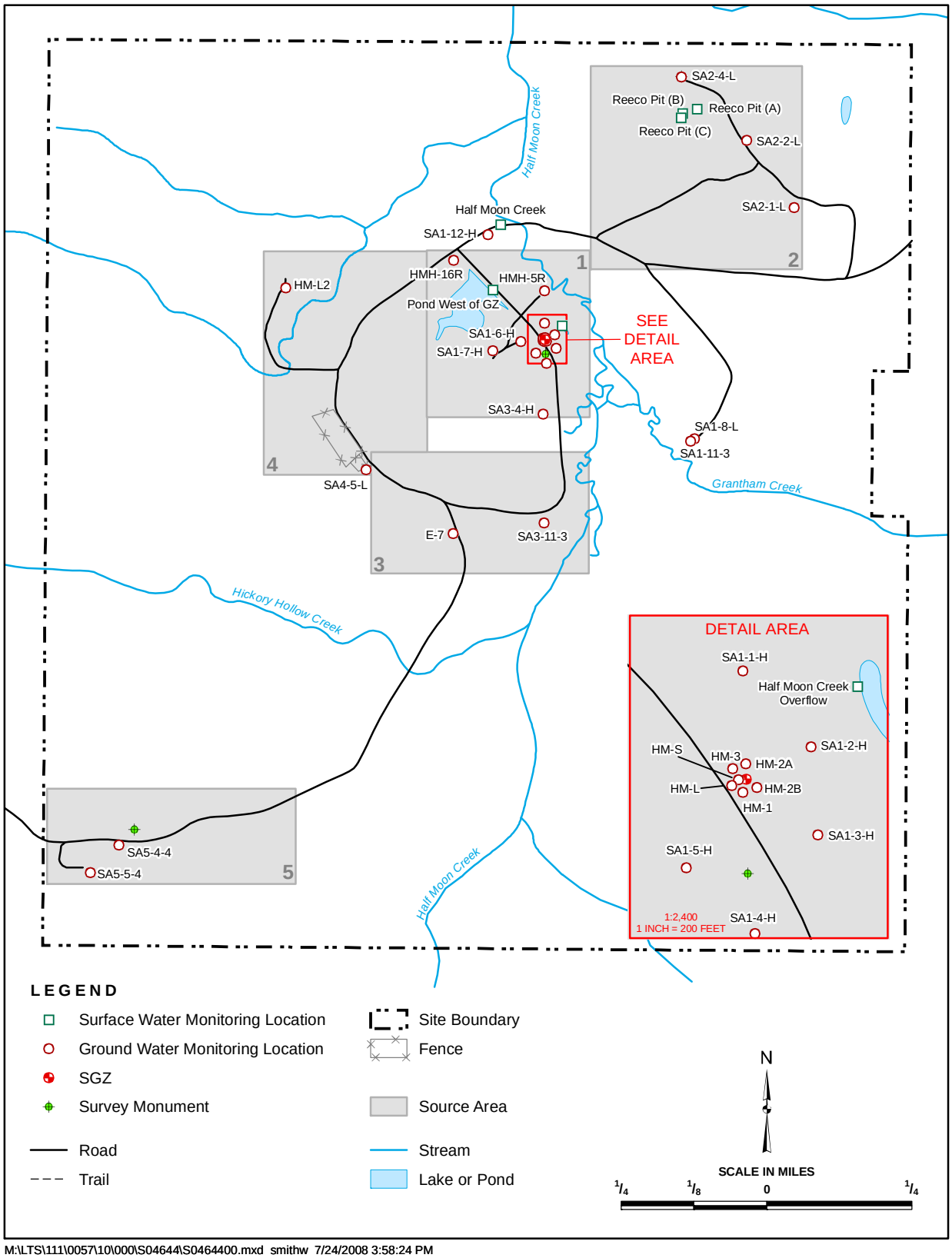

Figure 1. Water Sampling Locations at the Salmon, Mississippi, Site

Data Assessment Summary

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Water Sampling Field Activities Verification Checklist

Project	Salmon, Mississippi	**Date(s) of Water Sampling**	April 14-17, 2008
Date(s) of Verification	July 16, 2008	**Name of Verifier**	Steve Donivan

	Response (Yes, No, NA)	Comments
1. Is the SAP the primary document directing field procedures?	Yes	
List other documents, SOPs, instructions.		Work Order Letter dated April 9, 2008
2. Were the sampling locations specified in the planning documents sampled?	No	Half Moon Creek Entry and Hick Hollow Creek Entry were not collected due to access limitations. Sample HickHCrTSD-East replaced the Hick Hollow Creek Entry sample for this event.
3. Was a pre-trip calibration conducted as specified in the above-named documents?	Yes	Pre-trip calibration was performed on April 7, 2008
4. Was an operational check of the field equipment conducted twice daily?	Yes	
Did the operational checks meet criteria?	Yes	
5. Were the number and types (alkalinity, temperature, specific conductance, pH, turbidity, DO, ORP) of field measurements taken as specified?	Yes	
6. Was the category of the well documented?	Yes	The well category was not determined for wells SA5-4-4 and SA5-5-4.
7. Were the following conditions met when purging a Category I well:		
Was one pump/tubing volume purged prior to sampling?	Yes	
Did the water level stabilize prior to sampling?	Yes	
Did pH, specific conductance, and turbidity measurements stabilize prior to sampling?	No	Turbidity criteria was not met at seven wells.
Was the flow rate less than 500 mL/min?	Yes	
If a portable pump was used, was there a 4-hour delay between pump installation and sampling?	NA	

Water Sampling Field Activities Verification Checklist (continued)

	Response (Yes, No, NA)	Comments
8. Were the following conditions met when purging a Category II well:		
Was the flow rate less than 500 mL/min?	Yes	
Was one pump/tubing volume removed prior to sampling?	Yes	
9. Were duplicates taken at a frequency of one per 20 samples?	Yes	Duplicate samples were collected at locations HMH-16R, HMH-5R, and SA5-4-4
10. Were equipment blanks taken at a frequency of one per 20 samples that were collected with nondedicated equipment?	NA	Dedicated equipment was used at all wells.
11. Were trip blanks prepared and included with each shipment of VOC samples?	Yes	One trip blank was collected.
12. Were QC samples assigned a fictitious site identification number?	Yes	
Was the true identity of the samples recorded on the Quality Assurance Sample Log?	Yes	
13. Were samples collected in the containers specified?	Yes	
14. Were samples filtered and preserved as specified?	Yes	None of the samples were filtered.
15. Were the number and types of samples collected as specified?	Yes	
16. Were chain of custody records completed and was sample custody maintained?	Yes	
17. Are field data sheets signed and dated by both team members?	No	Only one signature at most locations.
18. Was all other pertinent information documented on the field data sheets?	Yes	
19. Was the presence or absence of ice in the cooler documented at every sample location?	Yes	
20. Were water levels measured at the locations specified in the planning documents?	Yes	

Laboratory Performance Assessment

General Information

Report Number (RIN): 08031475
Sample Event: April 14-17, 2008
Site(s): Salmon LTS&M, Mississippi
Laboratory: Paragon Analytics, Fort Collins, Colorado
Work Order No.: 0804192
Analysis: Metals and Organics
Validator: Steve Donivan
Review Date: July 15, 2008

This validation was performed according to the *Environmental Procedures Catalog*, "Standard Practice for Validation of Laboratory Data", GT-9(P). The procedure was applied at Level 3, Data Validation. See attached Data Validation Worksheets for supporting documentation on the data review and validation. All analyses were successfully completed. The samples were prepared and analyzed using accepted procedures based on methods specified by line item code, which are listed in Table 2.

Table 2. Analytes and Methods

Analyte	Line Item Code	Prep Method	Analytical Method
Metals: Ba, Be, Cr, Hg, Ni, Zn	MET-A-020	SW-846 3005	SW-846 6010B
Metals: As, Sb, Cd, Pb, Se, Ag	MET-A-026	SW-846 3005	SW-846 6020
Volatile Organics, VOAs	LMV-05	SW-846 5030C	SW-846 8260B

Data Qualifier Summary

Analytical results were qualified as listed in Table 3. Refer to the sections below for an explanation of the data qualifiers applied.

Table 3. Data Qualifier Summary

Sample Number	Location	Analyte(s)	Flag	Reason
All, with exceptions	All except HMH-5R, SA1-2-H, SA1-3-H, SA1-8-L, SA4-5-L	Zinc	U	Less than 5 times the method blank
0804192-2	HMH-5R Duplicate	Lead	U	Less than 5 times the method blank
0804192-2	HMH-5R Duplicate	Nickel	U	Less than 5 times the method blank
0804192-3	HMH-16R Duplicate	Lead	U	Less than 5 times the method blank
0804192-5	Grantham Cr Entry	Lead	U	Less than 5 times the method blank
0804192-6	Half Moon Ck Exit	Lead	U	Less than 5 times the method blank
0804192-8	HALFMOONCRKOVERFLOW	Lead	U	Less than 5 times the method blank
0804192-8	HALFMOONCRKOVERFLOW	Nickel	U	Less than 5 times the method blank
0804192-8	HALFMOONCRKOVERFLOW	Silver	U	Less than 5 times the calibration blank
0804192-9	HM-3	Lead	U	Less than 5 times the method blank

Table 3 (continued). Data Qualifier Summary

Sample Number	Location	Analyte(s)	Flag	Reason
0804192-10	HMH-16R	Lead	U	Less than 5 times the method blank
0804192-11	HMH-5R	Lead	U	Less than 5 times the method blank
0804192-11	HMH-5R	Nickel	U	Less than 5 times the method blank
0804192-12	HM-L	Lead	U	Less than 5 times the method blank
0804192-13	HM-L2	Arsenic	U	Less than 5 times the method blank
0804192-13	HM-L2	Lead	U	Less than 5 times the method blank
0804192-14	HM-S	Arsenic	U	Less than 5 times the method blank
0804192-14	HM-S	Lead	U	Less than 5 times the method blank
0804192-16	Reeco Pit (A)	Lead	U	Less than 5 times the method blank
0804192-18	Reeco Pit (C)	Lead	U	Less than 5 times the method blank
0804192-19	SA1-12-H	Arsenic	U	Less than 5 times the method blank
0804192-19	SA1-12-H	Lead	U	Less than 5 times the method blank
0804192-19	SA1-12-H	Mercury	U	Less than 5 times the calibration blank
0804192-19	SA1-12-H	Nickel	U	Less than 5 times the method blank
0804192-20	SA1-1-H	Lead	U	Less than 5 times the method blank
0804192-20	SA1-1-H	Mercury	U	Less than 5 times the calibration blank
0804192-21	SA1-2-H	Lead	U	Less than 5 times the method blank
0804192-21	SA1-2-H	Mercury	U	Less than 5 times the calibration blank
0804192-22	SA1-3-H	Lead	U	Less than 5 times the method blank
0804192-23	SA1-4-H	Cadmium	U	Less than 5 times the method blank
0804192-24	SA1-5-H	Cadmium	U	Less than 5 times the method blank
0804192-24	SA1-5-H	Nickel	U	Less than 5 times the method blank
0804192-26	SA1-7-H	Lead	U	Less than 5 times the calibration blank
0804192-27	SA1-8-L	Lead	U	Less than 5 times the calibration blank
0804192-28	SA2-1-L	Selenium	U	Less than 5 times the calibration blank
0804192-29	SA2-2-L	Selenium	U	Less than 5 times the calibration blank
0804192-30	SA2-4-L	Selenium	U	Less than 5 times the calibration blank
0804192-31	SA3-4-H	Beryllium	U	Less than 5 times the calibration blank
0804192-31	SA3-4-H	Cadmium	U	Less than 5 times the method blank
0804192-31	SA3-4-H	Lead	U	Less than 5 times the calibration blank
0804192-31	SA3-4-H	Nickel	U	Less than 5 times the method blank
0804192-31	SA3-4-H	Selenium	U	Less than 5 times the calibration blank
0804192-32	SA4-5-L	Arsenic	U	Less than 5 times the method blank
0804192-32	SA4-5-L	Beryllium	U	Less than 5 times the calibration blank
0804192-32	SA4-5-L	Cadmium	U	Less than 5 times the method blank
0804192-32	SA4-5-L	Selenium	U	Less than 5 times the calibration blank
0804192-32	SA4-5-L	Nickel	U	Less than 5 times the method blank
0804192-33	HickHCrTSD-east	Arsenic	U	Less than 5 times the method blank
0804192-33	HickHCrTSD-east	Beryllium	U	Less than 5 times the calibration blank
0804192-33	HickHCrTSD-east	Selenium	U	Less than 5 times the calibration blank

Sample Shipping/Receiving

Paragon Analytics in Fort Collins, Colorado, received 33 water samples on April 19, 2008, under air bill number 8566 6390 1463 accompanied by a Chain of Custody (COC) form. The COC form was checked to confirm that all of the samples were listed on a form with sample collection dates and times, and that signatures and dates were present indicating sample relinquishment and receipt. The COC form was complete with no errors or omissions.

Preservation and Holding Times

The sample shipments were received cool and intact with the temperature inside the iced cooler at 3.6 °C, which complies with requirements. All metals aliquots were shipped to the laboratory unpreserved and were preserved upon receipt. All samples were received in the correct container types and had been preserved correctly for the requested analyses, and all samples were analyzed within the applicable holding times.

Laboratory Instrument Calibration

Compliance requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data for all analytes. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear curve. Compliance requirements for continuing calibration checks are established to ensure that the instrument continues to be capable of producing acceptable qualitative and quantitative data. All laboratory instrument calibrations were performed correctly in accordance with the cited methods.

Method SW-846 6010B

Calibrations for method 6010B metals were performed on April 29, 2008, using one calibration standard and a blank. Calibration and laboratory spike standards were prepared from independent sources. Initial and continuing calibration verification (ICV and CCV) checks were made at the required frequency resulting in nine CCVs. All calibration checks met the acceptance criteria. A reporting limit verification check (CRI) was made at the required frequency to verify the linearity of the calibration curve near the practical quantitation limit. The CRI checks were within the acceptance criteria range.

Method SW-846 6020A

Calibrations were performed for antimony, cadmium, and lead on April 28, 2008, and for arsenic and selenium on April 30, 2008. The initial calibrations were performed using six calibration standards resulting in calibration curves where the absolute values of the curve intercepts were less than 3 times the method detection limit (MDL). Calibration and laboratory spike standards were prepared from independent sources. Initial and continuing calibration verification checks (CCVs) were made at the required frequency resulting in 13 CCVs. All initial and continuing calibration verification results were within the acceptance range. Reporting limit verification checks were made at the required frequency to verify the linearity of the calibration curves near the practical quantitation limit. The check results were within the acceptance range with the exception of molybdenum and selenium. All molybdenum and selenium sample results are

greater than 5 times the MDL. The mass calibration and resolution was checked at the beginning of each analytical run in accordance with the procedure. Internal standard recoveries were stable and within acceptance ranges.

Method SW-846 7470A

Calibration for mercury was performed on April 25, 2008, using five calibrations and a blank. Calibration and laboratory spike standards were prepared from independent sources. ICV and CCV checks were made at the required frequency resulting in 13 CCVs. All calibration checks met the acceptance criteria with the exception of CCV11. All associated samples were re-analyzed with an acceptable CCV. A reporting limit verification check (CRI) was made at the required frequency to verify the linearity of the calibration curve near the practical quantitation limit. The CRI checks were within the acceptance criteria range.

Method SW-846 8260B, Volatile Organics

Initial calibration of instrument HPV2 was performed on April 17, 2008, using eight calibration standards. Calibration curves are established using linear regression, quadratic regression, or the average response factor (RF) approach. Calibrations using average RFs had percent relative deviation values of less than 15 percent. Linear or higher order regression calibrations had correlation coefficient (r^2) values greater than 0.99 and intercepts less than 3 times the MDL. ICV and CCV checks were made at the required frequency. There were no target compounds with a percent drift value greater than 20 percent. The mass spectrometer calibration and resolution was checked at the beginning of each analytical run in accordance with the procedure. Internal standard recoveries were stable and within acceptance ranges. All surrogate recoveries were within the acceptance ranges.

Method and Calibration Blanks

Method blanks are analyzed to assess any contamination that may have occurred during sample preparation. Calibration blanks are analyzed to assess instrument contamination prior to and during sample analysis. All method blank and initial and continuing calibration blank (ICB and CCB) results associated with the samples were below the practical quantitation limits for all analytes with the exception of CCB11 for mercury. All associated samples were re-analyzed with an acceptable CCB. In cases where blank concentration exceeds the instrument detection limit (IDL), the associated sample results are qualified with a "U" flag (not detected) when the sample result is greater than the MDL but less than 5 times the blank concentration.

VOA Internal Standard and Surrogate Recoveries

Laboratory performance for individual samples is evaluated by means of surrogate spikes. All samples are spiked with surrogate compounds prior to sample preparation. Surrogate recoveries are used to monitor factors such as interference and high concentrations of analytes. Surrogate recoveries may also be influenced by the success in recoveries of the internal standards. The internal standard and surrogate recoveries were within the acceptance ranges for all samples.

Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Analysis

ICP interference check samples ICSA and ICSAB were analyzed at the required frequency to verify the instrumental interelement and background correction factors. All check sample results met the acceptance criteria.

Matrix Spike Analysis

Matrix spike and matrix spike duplicate samples were analyzed for metals as a measure of method performance in the sample matrix. All spike results were within the acceptance range.

Laboratory Replicate Analysis

The laboratory replicate sample results demonstrate acceptable laboratory precision. The relative percent difference (RPD) values for the laboratory control sample (LCS) replicates and matrix spike replicates were less than 20 percent for results that are greater than 5 times the practical quantitation limit.

Laboratory Control Sample

LCSs were analyzed at the correct frequency to provide information on the accuracy of the analytical method and the overall laboratory performance, including sample preparation. The LCS results were acceptable for all analysis categories.

Metals Serial Dilution

Serial dilutions were prepared and analyzed for metals to monitor chemical or physical interferences in the sample matrix. The serial dilution data that were evaluated when the concentration of the undiluted sample was greater than 50 times the practical quantitation limit were acceptable.

Detection Limits/Dilutions

The required detection limits were met for all analytes with the exception of silver. The reported detection limit was 10 micrograms per liter (µg/L), which is above the required detection limit of 1.0 µg/L.

Completeness

Results were reported in the correct units for all analytes requested using contract-required laboratory qualifiers.

Chromatography Peak Integration

The integration of analyte peaks was reviewed for all volatile organics data. All peak integrations, including manual integrations, were satisfactory.

Electronic Data Deliverable (EDD) File

The EDD file with the complete data arrived on May 8, 2008. The Sample Management System

EDD validation module was used to verify that the EDD files were complete and in compliance with requirements. The module compares the contents of the file to the requested analyses to ensure all and only the requested data are delivered. The contents of the EDD were manually examined to verify that the sample results accurately reflect the data contained in the sample data package.

SAMPLE MANAGEMENT SYSTEM

EDD Non-Conformance Report

Report Date: 7/15/2008

EDD File: 08031475Rev2.xml

EDD Errors: 0

Record	Table	Error Type	Field	Error Description
				NO ERRORS DETECTED

SAMPLE MANAGEMENT SYSTEM

General Data Validation Report

RIN: 08031475 **Lab Code:** PAR **Validator:** Steve Donivan **Validation Date:** 7/15/2008

Project: Salmon LTS&M **Analysis Type:** ☑ Metals ☐ General Chem ☐ Rad ☑ Organics

# of Samples: 33 **Matrix:** WATER **Requested Analysis Completed:** Yes

Chain of Custody

Present: OK **Signed:** OK **Dated:** OK

Sample

Integrity: OK **Preservation:** OK **Temperature:** OK

Select Quality Parameters

☑ Holding Times	All analyses were completed within the applicable holding times.
☑ Detection Limits	There are 31 detection limit failures.
☑ Field/Trip Blanks	There was 1 trip/equipment blank evaluated.
☑ Field Duplicates	There were 2 duplicates evaluated.

SAMPLE MANAGEMENT SYSTEM

Metals Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Analyte	Date Analyzed	CALIBRATION						Method Blank	LCS %R	MS %R	MSD %R	Dup. RPD	ICSAB %R	Serial Dil. %R	CRI %R
		Int.	R^2	ICV	CCV	ICB	CCB								
ANTIMONY	04/28/2008	0.0000	1.0000	OK	OK	OK	OK	OK	101.0	101.0	104.0	2.0	103.0		107.0
ANTIMONY	04/28/2008							OK	98.0	101.0	100.0	1.0			
ARSENIC	04/30/2008	0.0000	1.0000	OK	OK	OK	OK	OK	97.0	90.0	91.0	1.0	103.0	6.0	108.0
ARSENIC	04/30/2008							OK	93.0	88.0	86.0	1.0			
BARIUM	04/29/2008			OK	OK	OK	OK	OK	98.0	102.0	102.0	0.0	95.0	3.0	99.0
BARIUM	04/29/2008							OK	100.0	100.0	99.0	1.0	96.0	2.0	99.0
BERYLLIUM	04/29/2008			OK	OK	OK	OK	OK	98.0	100.0	100.0	0.0	91.0		98.0
BERYLLIUM	04/29/2008							OK	100.0	98.0	97.0	1.0	89.0		100.0
CADMIUM	04/28/2008	0.0000	1.0000	OK	OK	OK	OK	OK	102.0	101.0	104.0	3.0	98.0		112.0
CADMIUM	04/28/2008							OK	100.0	99.0	99.0	0.0			
CHROMIUM	04/29/2008			OK	OK	OK	OK	OK	104.0	103.0	103.0	0.0	92.0		97.0
CHROMIUM	04/29/2008							OK	104.0	101.0	101.0	0.0	89.0		103.0
LEAD	04/28/2008	0.0000	1.0000	OK	OK	OK	OK	OK	101.0	101.0	103.0	3.0	99.0		99.0
LEAD	04/28/2008							OK	99.0	100.0	100.0	0.0			
MERCURY	04/25/2008	0.0000	1.0000	OK	OK	OK	OK	OK	106.0	102.0	98.0	3.0			110.0
MERCURY	04/25/2008							OK	105.0	96.0	98.0	2.0			104.0
NICKEL	04/29/2008			OK	OK	OK	OK	OK	101.0	102.0	102.0	0.0	90.0		99.0
NICKEL	04/29/2008							OK	103.0	101.0	100.0	1.0	91.0		100.0

SAMPLE MANAGEMENT SYSTEM

Metals Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Analyte	Date Analyzed	CALIBRATION						Method Blank	LCS %R	MS %R	MSD %R	Dup. RPD	ICSAB %R	Serial Dil. %R	CRI %R
		Int.	R^2	ICV	CCV	ICB	CCB								
SELENIUM	04/30/2008	0.0000	1.0000	OK	OK	OK	OK	OK	96.0	94.0	92.0	2.0	109.0		89.0
SELENIUM	04/30/2008							OK	95.0	86.0	89.0	2.0			
SILVER	04/29/2008			OK	OK	OK	OK	OK	99.0	101.0	100.0	0.0	96.0		92.0
SILVER	04/29/2008							OK	99.0	99.0	99.0	0.0	98.0		97.0
ZINC	04/29/2008			OK	OK	OK	OK	OK	102.0	101.0	101.0	0.0	93.0		105.0
ZINC	04/29/2008							OK	106.0	103.0	101.0	2.0	91.0		103.0

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
LCS	SW8260_25	1,1,1,2-TETRACHLOROETHANE	04/26/2008									95.0			
LCS	SW8260_25	1,1,1-TRICHLOROETHANE	04/26/2008									91.0			
LCS	SW8260_25	1,1,2,2-TETRACHLOROETHANE	04/26/2008									91.0			
LCS	SW8260_25	1,1,2-TRICHLORO-1,2,2-TRIFLUO	04/26/2008									108.0			
LCS	SW8260_25	1,1,2-TRICHLOROETHANE	04/26/2008									89.0			
LCS	SW8260_25	1,1-DICHLOROETHANE	04/26/2008									93.0			
LCS	SW8260_25	1,1-DICHLOROETHENE	04/26/2008									89.0			
LCS	SW8260_25	1,1-DICHLOROPROPENE	04/26/2008									90.0			
LCS	SW8260_25	1,2,3-TRICHLOROBENZENE	04/26/2008									97.0			
LCS	SW8260_25	1,2,3-TRICHLOROPROPANE	04/26/2008									88.0			
LCS	SW8260_25	1,2,4-TRICHLOROBENZENE	04/26/2008									98.0			
LCS	SW8260_25	1,2,4-TRIMETHYLBENZENE	04/26/2008									95.0			
LCS	SW8260_25	1,2-DIBROMO-3-CHLOROPROPA	04/26/2008									91.0			
LCS	SW8260_25	1,2-DIBROMOETHANE	04/26/2008									91.0			
LCS	SW8260_25	1,2-DICHLOROBENZENE	04/26/2008									96.0			
LCS	SW8260_25	1,2-DICHLOROETHANE	04/26/2008									89.0			
LCS	SW8260_25	1,2-DICHLOROPROPANE	04/26/2008									93.0			
LCS	SW8260_25	1,3,5-TRIMETHYLBENZENE	04/26/2008									99.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
LCS	SW8260_25	1,3-DICHLOROBENZENE	04/26/2008									98.0			
LCS	SW8260_25	1,3-DICHLOROPROPANE	04/26/2008									92.0			
LCS	SW8260_25	1,4-DICHLOROBENZENE	04/26/2008									97.0			
LCS	SW8260_25	1-CHLOROHEXANE	04/26/2008									97.0			
LCS	SW8260_25	2,2-DICHLOROPROPANE	04/26/2008									98.0			
LCS	SW8260_25	2-BUTANONE	04/26/2008									86.0			
LCS	SW8260_25	2-CHLOROTOLUENE	04/26/2008									100.0			
LCS	SW8260_25	2-HEXANONE	04/26/2008									89.0			
LCS	SW8260_25	4-CHLOROTOLUENE	04/26/2008									99.0			
LCS	SW8260_25	4-METHYL-2-PENTANONE	04/26/2008									85.0			
LCS	SW8260_25	ACETONE	04/26/2008									84.0			
LCS	SW8260_25	BENZENE	04/26/2008									89.0			
LCS	SW8260_25	BROMOBENZENE	04/26/2008									97.0			
LCS	SW8260_25	BROMOCHLOROMETHANE	04/26/2008									91.0			
LCS	SW8260_25	BROMODICHLOROMETHANE	04/26/2008									91.0			
LCS	SW8260_25	BROMOFORM	04/26/2008									93.0			
LCS	SW8260_25	BROMOMETHANE	04/26/2008									99.0			
LCS	SW8260_25	CARBON DISULFIDE	04/26/2008									90.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
LCS	SW8260_25	CARBON TETRACHLORIDE	04/26/2008									91.0			
LCS	SW8260_25	CHLOROBENZENE	04/26/2008									96.0			
LCS	SW8260_25	Chlorodibromomethane	04/26/2008									92.0			
LCS	SW8260_25	CHLOROETHANE	04/26/2008									102.0			
LCS	SW8260_25	CHLOROFORM	04/26/2008									91.0			
LCS	SW8260_25	CHLOROMETHANE	04/26/2008									100.0			
LCS	SW8260_25	CIS-1,2-DICHLOROETHENE	04/26/2008									91.0			
LCS	SW8260_25	CIS-1,3-DICHLOROPROPENE	04/26/2008									90.0			
LCS	SW8260_25	DIBROMOMETHANE	04/26/2008									87.0			
LCS	SW8260_25	DICHLORODIFLUOROMETHANE	04/26/2008									101.0			
LCS	SW8260_25	Ethyl Benzene	04/26/2008									93.0			
LCS	SW8260_25	HEXACHLOROBUTADIENE	04/26/2008									104.0			
LCS	SW8260_25	IODOMETHANE	04/26/2008									92.0			
LCS	SW8260_25	ISOPROPYLBENZENE	04/26/2008									97.0			
LCS	SW8260_25	M+P-XYLENE	04/26/2008									97.0			
LCS	SW8260_25	METHYL TERTIARY BUTYL ETHE	04/26/2008									85.0			
LCS	SW8260_25	METHYLENE CHLORIDE	04/26/2008									91.0			
LCS	SW8260_25	NAPHTHALENE	04/26/2008									92.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
LCS	SW8260_25	N-BUTYLBENZENE	04/26/2008									100.0			
LCS	SW8260_25	N-PROPYLBENZENE	04/26/2008									99.0			
LCS	SW8260_25	O-XYLENE	04/26/2008									97.0			
LCS	SW8260_25	P-ISOPROPYLTOLUENE	04/26/2008									101.0			
LCS	SW8260_25	SEC-BUTYLBENZENE	04/26/2008									98.0			
LCS	SW8260_25	STYRENE	04/26/2008									94.0			
LCS	SW8260_25	SW8260_25	04/26/2008			101.0	97.0	101.0							
LCS	SW8260_25	TERT-BUTYLBENZENE	04/26/2008									98.0			
LCS	SW8260_25	TETRACHLOROETHENE	04/26/2008									97.0			
LCS	SW8260_25	TOLUENE	04/26/2008									94.0			
LCS	SW8260_25	TRANS-1,2-DICHLOROETHENE	04/26/2008									92.0			
LCS	SW8260_25	TRANS-1,3-DICHLOROPROPEN	04/26/2008									90.0			
LCS	SW8260_25	TRICHLOROETHENE	04/26/2008									93.0			
LCS	SW8260_25	TRICHLOROFLUOROMETHANE	04/26/2008									102.0			
LCS	SW8260_25	VINYL ACETATE	04/26/2008									83.0			
LCS	SW8260_25	VINYL CHLORIDE	04/26/2008									102.0			
LCSD	SW8260_25	1,1,1,2-TETRACHLOROETHANE	04/26/2008									94.0			
LCSD	SW8260_25	1,1,1-TRICHLOROETHANE	04/26/2008									89.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
LCSD	SW8260_25	1,1,2,2-TETRACHLOROETHANE	04/26/2008									93.0			
LCSD	SW8260_25	1,1,2-TRICHLORO-1,2,2-TRIFLUO	04/26/2008									110.0			
LCSD	SW8260_25	1,1,2-TRICHLOROETHANE	04/26/2008									92.0			
LCSD	SW8260_25	1,1-DICHLOROETHANE	04/26/2008									94.0			
LCSD	SW8260_25	1,1-DICHLOROETHENE	04/26/2008									89.0			
LCSD	SW8260_25	1,1-DICHLOROPROPENE	04/26/2008									90.0			
LCSD	SW8260_25	1,2,3-TRICHLOROBENZENE	04/26/2008									100.0			
LCSD	SW8260_25	1,2,3-TRICHLOROPROPANE	04/26/2008									91.0			
LCSD	SW8260_25	1,2,4-TRICHLOROBENZENE	04/26/2008									97.0			
LCSD	SW8260_25	1,2,4-TRIMETHYLBENZENE	04/26/2008									95.0			
LCSD	SW8260_25	1,2-DIBROMO-3-CHLOROPROPA	04/26/2008									95.0			
LCSD	SW8260_25	1,2-DIBROMOETHANE	04/26/2008									93.0			
LCSD	SW8260_25	1,2-DICHLOROBENZENE	04/26/2008									95.0			
LCSD	SW8260_25	1,2-DICHLOROETHANE	04/26/2008									91.0			
LCSD	SW8260_25	1,2-DICHLOROPROPANE	04/26/2008									93.0			
LCSD	SW8260_25	1,3,5-TRIMETHYLBENZENE	04/26/2008									96.0			
LCSD	SW8260_25	1,3-DICHLOROBENZENE	04/26/2008									97.0			
LCSD	SW8260_25	1,3-DICHLOROPROPANE	04/26/2008									93.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
LCSD	SW8260_25	1,4-DICHLOROBENZENE	04/26/2008									98.0			
LCSD	SW8260_25	1-CHLOROHEXANE	04/26/2008									96.0			
LCSD	SW8260_25	2,2-DICHLOROPROPANE	04/26/2008									95.0			
LCSD	SW8260_25	2-BUTANONE	04/26/2008									88.0			
LCSD	SW8260_25	2-CHLOROTOLUENE	04/26/2008									98.0			
LCSD	SW8260_25	2-HEXANONE	04/26/2008									91.0			
LCSD	SW8260_25	4-CHLOROTOLUENE	04/26/2008									97.0			
LCSD	SW8260_25	4-METHYL-2-PENTANONE	04/26/2008									90.0			
LCSD	SW8260_25	ACETONE	04/26/2008									90.0			
LCSD	SW8260_25	BENZENE	04/26/2008									91.0			
LCSD	SW8260_25	BROMOBENZENE	04/26/2008									98.0			
LCSD	SW8260_25	BROMOCHLOROMETHANE	04/26/2008									90.0			
LCSD	SW8260_25	BROMODICHLOROMETHANE	04/26/2008									92.0			
LCSD	SW8260_25	BROMOFORM	04/26/2008									93.0			
LCSD	SW8260_25	BROMOMETHANE	04/26/2008									97.0			
LCSD	SW8260_25	CARBON DISULFIDE	04/26/2008									90.0			
LCSD	SW8260_25	CARBON TETRACHLORIDE	04/26/2008									92.0			
LCSD	SW8260_25	CHLOROBENZENE	04/26/2008									95.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
LCSD	SW8260_25	Chlorodibromomethane	04/26/2008									92.0			
LCSD	SW8260_25	CHLOROETHANE	04/26/2008									105.0			
LCSD	SW8260_25	CHLOROFORM	04/26/2008									92.0			
LCSD	SW8260_25	CHLOROMETHANE	04/26/2008									97.0			
LCSD	SW8260_25	CIS-1,2-DICHLOROETHENE	04/26/2008									93.0			
LCSD	SW8260_25	CIS-1,3-DICHLOROPROPENE	04/26/2008									92.0			
LCSD	SW8260_25	DIBROMOMETHANE	04/26/2008									90.0			
LCSD	SW8260_25	DICHLORODIFLUOROMETHANE	04/26/2008									104.0			
LCSD	SW8260_25	Ethyl Benzene	04/26/2008									93.0			
LCSD	SW8260_25	HEXACHLOROBUTADIENE	04/26/2008									105.0			
LCSD	SW8260_25	IODOMETHANE	04/26/2008									92.0			
LCSD	SW8260_25	ISOPROPYLBENZENE	04/26/2008									96.0			
LCSD	SW8260_25	M+P-XYLENE	04/26/2008									94.0			
LCSD	SW8260_25	METHYL TERTIARY BUTYL ETHE	04/26/2008									90.0			
LCSD	SW8260_25	METHYLENE CHLORIDE	04/26/2008									92.0			
LCSD	SW8260_25	NAPHTHALENE	04/26/2008									96.0			
LCSD	SW8260_25	N-BUTYLBENZENE	04/26/2008									98.0			
LCSD	SW8260_25	N-PROPYLBENZENE	04/26/2008									97.0			

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
LCSD	SW8260_25	O-XYLENE	04/26/2008									98.0			
LCSD	SW8260_25	P-ISOPROPYLTOLUENE	04/26/2008									98.0			
LCSD	SW8260_25	SEC-BUTYLBENZENE	04/26/2008									98.0			
LCSD	SW8260_25	STYRENE	04/26/2008									95.0			
LCSD	SW8260_25	SW8260_25	04/26/2008			100.0	100.0	100.0							
LCSD	SW8260_25	TERT-BUTYLBENZENE	04/26/2008									96.0			
LCSD	SW8260_25	TETRACHLOROETHENE	04/26/2008									95.0			
LCSD	SW8260_25	TOLUENE	04/26/2008									94.0			
LCSD	SW8260_25	TRANS-1,2-DICHLOROETHENE	04/26/2008									87.0			
LCSD	SW8260_25	TRANS-1,3-DICHLOROPROPENE	04/26/2008									92.0			
LCSD	SW8260_25	TRICHLOROETHENE	04/26/2008									93.0			
LCSD	SW8260_25	TRICHLOROFLUOROMETHANE	04/26/2008									102.0			
LCSD	SW8260_25	VINYL ACETATE	04/26/2008									87.0			
LCSD	SW8260_25	VINYL CHLORIDE	04/26/2008									103.0			
Method Blank	SW8260_25	SW8260_25	04/26/2008			99.0	98.0	99.0							
NFD 001	SW8260_25	SW8260_25	04/26/2008			101.0	100.0	97.0							
NFD 002	SW8260_25	SW8260_25	04/26/2008			100.0	97.0	97.0							
NFD 003	SW8260_25	SW8260_25	04/26/2008			100.0	98.0	98.0							

SAMPLE MANAGEMENT SYSTEM

Organics Data Validation Worksheet

RIN: 08031475 **Lab Code:** PAR **Date Due:** 5/17/2008

Matrix: Water **Site Code:** SAL01 **Date Completed:** 5/12/2008

Sample	Method	Analyte	Date Analyzed	Cal Exceptions		SUR1 %R	SUR2 %R	SUR3 %R	SUR4 %R	SUR5 %R	SUR6 %R	LCS %R	MS %R	MSD %R	DUP %RSD
				Col.	CCV %D										
NFD 024	SW8260_25	SW8260_25	04/26/2008			100.0	100.0	98.0							
NFD 025	SW8260_25	SW8260_25	04/26/2008			103.0	98.0	102.0							
NFD 251	SW8260_25	SW8260_25	04/26/2008			102.0	97.0	101.0							
NFD 254	SW8260_25	SW8260_25	04/26/2008			101.0	99.0	98.0							
NFD 255	SW8260_25	SW8260_25	04/26/2008			100.0	100.0	99.0							
NFD 259	SW8260_25	SW8260_25	04/26/2008			101.0	102.0	99.0							
NFD 278	SW8260_25	SW8260_25	04/26/2008			101.0	99.0	98.0							
NFD 279	SW8260_25	SW8260_25	04/26/2008			100.0	99.0	100.0							
NFD 283	SW8260_25	SW8260_25	04/26/2008			99.0	97.0	99.0							
NFD 284	SW8260_25	SW8260_25	04/26/2008			99.0	97.0	99.0							
NFD 285	SW8260_25	SW8260_25	04/26/2008			99.0	97.0	98.0							
NFD 287	SW8260_25	SW8260_25	04/26/2008			100.0	99.0	98.0							
NFD 295	SW8260_25	SW8260_25	04/26/2008			99.0	98.0	99.0							

Sampling Quality Control Assessment

The following information summarizes and assesses quality control for this sampling event.

Sampling Protocol

Groundwater samples were collected using dedicated bladder pumps or dedicated submersible Grundfos electric pumps. Twenty three wells were classified as Category I wells. Data from these wells are qualified with a "F" flag in the database indicating the wells were purged and sampled using the low-flow sampling method. The data from wells SA1-2-H, SA1-5-H, HMH-5R, HM-1, SA1-3-H, SA1-6-H, and HM-S were further qualified with a "Q" flag as estimated values because the turbidity criteria were not met when purging the well.

Wells HMH-16R, SA2-2-L, and SA4-5-L were classified as a Category II wells because of water level draw-down.

Trip Blank Assessment

One trip blank was prepared and analyzed to document contamination attributable to shipping and field handling procedures. Acetone, bromodichloromethane, chlorodibromomethane, and toluene were detected in the trip blank. Of these compounds, only toluene was detected in any of the samples. Sample toluene results that are less than 10 times the blank concentration are qualified with a "U" flag as not detected.

Field Duplicate Assessment

Field duplicate samples were collected and analyzed as an indication of overall precision of the measurement process. The precision observed includes both field and laboratory precision and has more variability than laboratory duplicates which measure only laboratory performance. Duplicate samples were collected from locations HMH-16R, HMH-5R, and SA5-4-4. The duplicate results met the EPA recommended laboratory duplicate criteria of having an RPD of less than 20 percent for results greater than 5 times the practical quantitation limit indicating acceptable overall precision.

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	0804192-1	SW8260_25	ACETONE (Lab Contaminant)	4.9	J	3.3	UG/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
0804192-10	NFD 024	HMH-16R	3.3	1	U	
0804192-11	NFD 025	HMH-5R	33	10	U	
0804192-11	NFD 025	HMH-5R	3.3	1	U	
0804192-14	NFD 278	HM-S	3.3	1	U	
0804192-19	NFD 295	SA1-12-H	3.3	1	U	
0804192-2	NFD 254	2594	33	10	U	
0804192-2	NFD 254	2594	3.3	1	U	
0804192-20	NFD 001	SA1-1-H	3.3	1	U	
0804192-21	NFD 002	SA1-2-H	3.3	1	U	
0804192-22	NFD 283	SA1-3-H	3.3	1	U	
0804192-23	NFD 284	SA1-4-H	3.3	1	U	
0804192-24	NFD 003	SA1-5-H	3.3	1	U	
0804192-25	NFD 259	SA1-6-H	3.3	1	U	
0804192-26	NFD 255	SA1-7-H	3.3	1	U	
0804192-3	NFD 251	2595	3.3	1	U	
0804192-31	NFD 285	SA3-4-H	3.3	1	U	
0804192-4	NFD 287	E-7	3.3	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	0804192-1	SW8260_25	BROMODICHLOROMETHANE	0.2	J	0.17	UG/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
0804192-10	NFD 024	HMH-16R	0.17	1	U	
0804192-11	NFD 025	HMH-5R	1.7	10	U	
0804192-11	NFD 025	HMH-5R	0.17	1	U	
0804192-14	NFD 278	HM-S	0.17	1	U	
0804192-19	NFD 295	SA1-12-H	0.17	1	U	
0804192-2	NFD 254	2594	1.7	10	U	
0804192-2	NFD 254	2594	0.17	1	U	
0804192-20	NFD 001	SA1-1-H	0.17	1	U	
0804192-21	NFD 002	SA1-2-H	0.17	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	0804192-1		BROMODICHLOROMETHANE				

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
0804192-22	NFD 283	SA1-3-H	0.17	1	U	
0804192-23	NFD 284	SA1-4-H	0.17	1	U	
0804192-24	NFD 003	SA1-5-H	0.17	1	U	
0804192-25	NFD 259	SA1-6-H	0.17	1	U	
0804192-26	NFD 255	SA1-7-H	0.17	1	U	
0804192-3	NFD 251	2595	0.17	1	U	
0804192-31	NFD 285	SA3-4-H	0.17	1	U	
0804192-4	NFD 287	E-7	0.17	1	U	

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	0804192-1	SW8260_25	Chlorodibromomethane	0.21	J	0.17	UG/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
0804192-10	NFD 024	HMH-16R	0.17	1	U	
0804192-11	NFD 025	HMH-5R	1.7	10	U	
0804192-11	NFD 025	HMH-5R	0.17	1	U	
0804192-14	NFD 278	HM-S	0.17	1	U	
0804192-19	NFD 295	SA1-12-H	0.17	1	U	
0804192-2	NFD 254	2594	1.7	10	U	
0804192-2	NFD 254	2594	0.17	1	U	
0804192-20	NFD 001	SA1-1-H	0.17	1	U	
0804192-21	NFD 002	SA1-2-H	0.17	1	U	
0804192-22	NFD 283	SA1-3-H	0.17	1	U	
0804192-23	NFD 284	SA1-4-H	0.17	1	U	
0804192-24	NFD 003	SA1-5-H	0.17	1	U	
0804192-25	NFD 259	SA1-6-H	0.17	1	U	
0804192-26	NFD 255	SA1-7-H	0.17	1	U	
0804192-3	NFD 251	2595	0.17	1	U	
0804192-31	NFD 285	SA3-4-H	0.17	1	U	
0804192-4	NFD 287	E-7	0.17	1	U	

SAMPLE MANAGEMENT SYSTEM

Validation Report: Equipment/Trip Blanks

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Blank Data

Blank Type	Lab Sample ID	Lab Method	Analyte Name	Result	Qualifier	MDL	Units
Trip Blank	0804192-1	SW8260_25	TOLUENE (Lab Contaminant)	0.23	J	0.17	UG/L

Sample ID	Sample Ticket	Location	Result	Dilution Factor	Lab Qualifier	Validation Qualifier
0804192-10	NFD 024	HMH-16R	0.3	1	J	U
0804192-11	NFD 025	HMH-5R	1.7	10	U	
0804192-11	NFD 025	HMH-5R	0.46	1	J	U
0804192-14	NFD 278	HM-S	0.17	1	U	
0804192-19	NFD 295	SA1-12-H	0.21	1	J	U
0804192-2	NFD 254	2594	1.7	10	U	
0804192-2	NFD 254	2594	0.93	1	J	U
0804192-20	NFD 001	SA1-1-H	0.17	1	U	
0804192-21	NFD 002	SA1-2-H	0.17	1	U	
0804192-22	NFD 283	SA1-3-H	0.17	1	U	
0804192-23	NFD 284	SA1-4-H	0.17	1	U	
0804192-24	NFD 003	SA1-5-H	0.17	1	U	
0804192-25	NFD 259	SA1-6-H	0.65	1	J	U
0804192-26	NFD 255	SA1-7-H	0.17	1	U	
0804192-3	NFD 251	2595	0.7	1	J	U
0804192-31	NFD 285	SA3-4-H	0.17	1	U	
0804192-4	NFD 287	E-7	0.18	1	J	U

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Duplicate: 2594 **Sample:** HMH-5R

Analyte	Sample			Duplicate			RPD	RER	Units
	Result	Flag	Error	Result	Flag	Error			
1,1,1,2-TETRACHLOROETHANE	1.7	U		1.7	U				UG/L
1,1,1,2-TETRACHLOROETHANE	1.7	U		0.17	U				UG/L
1,1,1-TRICHLOROETHANE	1.7	U		1.7	U				UG/L
1,1,1-TRICHLOROETHANE	1.7	U		0.17	U				UG/L
1,1,2,2-TETRACHLOROETHANE	1.7	U		0.17	U				UG/L
1,1,2,2-TETRACHLOROETHANE	1.7	U		1.7	U				UG/L
1,1,2-TRICHLORO-1,2,2-TRIFLUOROET	1.7	U		1.7	U				UG/L
1,1,2-TRICHLORO-1,2,2-TRIFLUOROET	1.7	U		0.17	U				UG/L
1,1,2-TRICHLOROETHANE	1.7	U		0.17	U				UG/L
1,1,2-TRICHLOROETHANE	1.7	U		1.7	U				UG/L
1,1-DICHLOROETHANE	1.7	U		0.17	U				UG/L
1,1-DICHLOROETHANE	1.7	U		1.7	U				UG/L
1,1-DICHLOROETHENE	1.7	U		0.57	J				UG/L
1,1-DICHLOROETHENE	1.7	U		1.7	U				UG/L
1,1-DICHLOROPROPENE	1.7	U		0.17	U				UG/L
1,1-DICHLOROPROPENE	1.7	U		1.7	U				UG/L
1,2,3-TRICHLOROBENZENE	2.5	U		2.5	U				UG/L
1,2,3-TRICHLOROBENZENE	2.5	U		0.25	U				UG/L
1,2,3-TRICHLOROPROPANE	3.8	U		0.38	U				UG/L
1,2,3-TRICHLOROPROPANE	3.8	U		3.8	U				UG/L
1,2,4-TRICHLOROBENZENE	1.7	U		1.7	U				UG/L
1,2,4-TRICHLOROBENZENE	1.7	U		0.17	U				UG/L
1,2,4-TRIMETHYLBENZENE	1.7	U		0.17	U				UG/L
1,2,4-TRIMETHYLBENZENE	1.7	U		1.7	U				UG/L
1,2-DIBROMO-3-CHLOROPROPANE	7.7	U		7.7	U				UG/L
1,2-DIBROMO-3-CHLOROPROPANE	7.7	U		0.77	U				UG/L
1,2-DIBROMOETHANE	2.5	U		2.5	U				UG/L
1,2-DIBROMOETHANE	2.5	U		0.25	U				UG/L
1,2-DICHLOROBENZENE	1.7	U		0.17	U				UG/L
1,2-DICHLOROBENZENE	1.7	U		1.7	U				UG/L
1,2-DICHLOROETHANE	1.7	U		0.17	U				UG/L
1,2-DICHLOROETHANE	1.7	U		1.7	U				UG/L
1,2-DICHLOROPROPANE	1.7	U		0.17	U				UG/L
1,2-DICHLOROPROPANE	1.7	U		1.7	U				UG/L
1,3,5-TRIMETHYLBENZENE	1.7	U		0.17	U				UG/L
1,3,5-TRIMETHYLBENZENE	1.7	U		1.7	U				UG/L
1,3-DICHLOROBENZENE	1.7	U		0.17	U				UG/L
1,3-DICHLOROBENZENE	1.7	U		1.7	U				UG/L
1,3-DICHLOROPROPANE	1.7	U		0.17	U				UG/L
1,3-DICHLOROPROPANE	1.7	U		1.7	U				UG/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Duplicate: 2594 **Sample:** HMH-5R

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
1,4-DICHLOROBENZENE	1.7	U		1.7	U				UG/L
1,4-DICHLOROBENZENE	1.7	U		0.17	U				UG/L
1-CHLOROHEXANE	1.7	U		0.17	U				UG/L
1-CHLOROHEXANE	1.7	U		1.7	U				UG/L
2,2-DICHLOROPROPANE	1.7	U		1.7	U				UG/L
2,2-DICHLOROPROPANE	1.7	U		0.17	U				UG/L
2-BUTANONE	24	U		2.4	U				UG/L
2-BUTANONE	24	U		24	U				UG/L
2-CHLOROTOLUENE	1.7	U		0.17	U				UG/L
2-CHLOROTOLUENE	1.7	U		1.7	U				UG/L
2-HEXANONE	33	U		3.3	U				UG/L
2-HEXANONE	33	U		33	U				UG/L
4-CHLOROTOLUENE	1.7	U		1.7	U				UG/L
4-CHLOROTOLUENE	1.7	U		0.17	U				UG/L
4-METHYL-2-PENTANONE	17	U		17	U				UG/L
4-METHYL-2-PENTANONE	17	U		1.7	U				UG/L
ACETONE	33	U		3.3	U				UG/L
ACETONE	33	U		33	U				UG/L
ANTIMONY	0.000065	B		0.00011	B				MG/L
ARSENIC	4.5			4.7			4.35		UG/L
BARIUM	520			510			1.94		UG/L
BENZENE	1.7	U		0.17	J				UG/L
BENZENE	1.7	U		1.7	U				UG/L
BERYLLIUM	0.42	U		0.42	U				UG/L
BROMOBENZENE	1.7	U		1.7	U				UG/L
BROMOBENZENE	1.7	U		0.17	U				UG/L
BROMOCHLOROMETHANE	1.7	U		1.7	U				UG/L
BROMOCHLOROMETHANE	1.7	U		0.17	U				UG/L
BROMODICHLOROMETHANE	1.7	U		0.17	U				UG/L
BROMODICHLOROMETHANE	1.7	U		1.7	U				UG/L
BROMOFORM	1.7	U		1.7	U				UG/L
BROMOFORM	1.7	U		0.17	U				UG/L
BROMOMETHANE	1.7	U		1.7	U				UG/L
BROMOMETHANE	1.7	U		0.17	U				UG/L
CADMIUM	0.0003	U		0.000058	B				MG/L
CARBON DISULFIDE	1.7	U		0.17	U				UG/L
CARBON DISULFIDE	1.7	U		1.7	U				UG/L
CARBON TETRACHLORIDE	1.7	U		1.7	U				UG/L
CARBON TETRACHLORIDE	1.7	U		0.17	U				UG/L
CHLOROBENZENE	1.7	U		0.17	U				UG/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Duplicate: 2594 **Sample:** HMH-5R

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
CHLOROBENZENE	1.7	U		1.7	U				UG/L
Chlorodibromomethane	1.7	U		1.7	U				UG/L
Chlorodibromomethane	1.7	U		0.17	U				UG/L
CHLOROETHANE	2.1	U		2.1	U				UG/L
CHLOROETHANE	2.1	U		0.21	U				UG/L
CHLOROFORM	1.7	U		1.7	U				UG/L
CHLOROFORM	1.7	U		0.17	U				UG/L
CHLOROMETHANE	1.7	U		0.17	U				UG/L
CHLOROMETHANE	1.7	U		1.7	U				UG/L
CHROMIUM	1.1	B		0.57	U				UG/L
CIS-1,2-DICHLOROETHENE	90			91			1.10		UG/L
CIS-1,2-DICHLOROETHENE	90			92	E		2.20		UG/L
CIS-1,3-DICHLOROPROPENE	1.7	U		0.17	U				UG/L
CIS-1,3-DICHLOROPROPENE	1.7	U		1.7	U				UG/L
DIBROMOMETHANE	1.7	U		0.17	U				UG/L
DIBROMOMETHANE	1.7	U		1.7	U				UG/L
DICHLORODIFLUOROMETHANE	1.7	U		0.17	U				UG/L
DICHLORODIFLUOROMETHANE	1.7	U		1.7	U				UG/L
Ethyl Benzene	1.7	U		1.7	U				UG/L
Ethyl Benzene	1.7	U		0.18	J				UG/L
HEXACHLOROBUTADIENE	2.4	U		2.4	U				UG/L
HEXACHLOROBUTADIENE	2.4	U		0.24	U				UG/L
IODOMETHANE	1.7	U		1.7	U				UG/L
IODOMETHANE	1.7	U		0.17	U				UG/L
ISOPROPYLBENZENE	1.7	U		1.7	U				UG/L
ISOPROPYLBENZENE	1.7	U		0.17	U				UG/L
LEAD	0.00038	B		0.00046	B				MG/L
M+P-XYLENE	2.4	U		2.4	U				UG/L
M+P-XYLENE	2.4	U		0.43	J				UG/L
MERCURY	0.015	B		0.014	B				UG/L
METHYL TERTIARY BUTYL ETHER	1.7	U		0.17	U				UG/L
METHYL TERTIARY BUTYL ETHER	1.7	U		1.7	U				UG/L
METHYLENE CHLORIDE	1.7	U		0.17	U				UG/L
METHYLENE CHLORIDE	1.7	U		1.7	U				UG/L
NAPHTHALENE	1.7	U		0.17	U				UG/L
NAPHTHALENE	1.7	U		1.7	U				UG/L
N-BUTYLBENZENE	1.7	U		0.17	U				UG/L
N-BUTYLBENZENE	1.7	U		1.7	U				UG/L
NICKEL	1.5	B		0.72	B				UG/L
N-PROPYLBENZENE	1.7	U		0.17	U				UG/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Duplicate: 2594 **Sample:** HMH-5R

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
N-PROPYLBENZENE	1.7	U		1.7	U				UG/L
O-XYLENE	1.7	U		1.7	U				UG/L
O-XYLENE	1.7	U		0.17	U				UG/L
P-ISOPROPYLTOLUENE	1.7	U		1.7	U				UG/L
P-ISOPROPYLTOLUENE	1.7	U		0.17	U				UG/L
SEC-BUTYLBENZENE	1.7	U		1.7	U				UG/L
SEC-BUTYLBENZENE	1.7	U		0.17	U				UG/L
SELENIUM	0.05	B		0.047	B				UG/L
SILVER	10	U		10	U				UG/L
STYRENE	1.7	U		1.7	U				UG/L
STYRENE	1.7	U		0.17	U				UG/L
TERT-BUTYLBENZENE	1.7	U		1.7	U				UG/L
TERT-BUTYLBENZENE	1.7	U		0.17	U				UG/L
TETRACHLOROETHENE	1.7	U		1.7	U				UG/L
TETRACHLOROETHENE	1.7	U		0.17	U				UG/L
TOLUENE	1.7	U		1.7	U				UG/L
TOLUENE	1.7	U		0.93	J				UG/L
TRANS-1,2-DICHLOROETHENE	5	J		5.3	J				UG/L
TRANS-1,2-DICHLOROETHENE	5	J		4.9					UG/L
TRANS-1,3-DICHLOROPROPENE	1.7	U		1.7	U				UG/L
TRANS-1,3-DICHLOROPROPENE	1.7	U		0.17	U				UG/L
TRICHLOROETHENE	130			140			7.41		UG/L
TRICHLOROETHENE	130			150	E		14.29		UG/L
TRICHLOROFLUOROMETHANE	1.7	U		1.7	U				UG/L
TRICHLOROFLUOROMETHANE	1.7	U		0.17	U				UG/L
VINYL ACETATE	6.9	U		6.9	U				UG/L
VINYL ACETATE	6.9	U		0.69	U				UG/L
VINYL CHLORIDE	1.7	U		1.7	U				UG/L
VINYL CHLORIDE	1.7	U		0.28	J				UG/L
ZINC	1.2	U		1.2	U				UG/L

Duplicate: 2595 **Sample:** HMH-16R

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
1,1,1,2-TETRACHLOROETHANE	0.17	U		0.17	U				UG/L
1,1,1-TRICHLOROETHANE	0.17	U		0.17	U				UG/L
1,1,2,2-TETRACHLOROETHANE	0.17	U		0.17	U				UG/L
1,1,2-TRICHLORO-1,2,2-TRIFLUOROET	0.17	U		0.17	U				UG/L
1,1,2-TRICHLOROETHANE	0.17	U		0.17	U				UG/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Duplicate: 2595 **Sample:** HMH-16R

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
1,1-DICHLOROETHANE	0.17	U		0.17	U				UG/L
1,1-DICHLOROETHENE	0.17	U		0.17	U				UG/L
1,1-DICHLOROPROPENE	0.17	U		0.17	U				UG/L
1,2,3-TRICHLOROBENZENE	0.25	U		0.25	U				UG/L
1,2,3-TRICHLOROPROPANE	0.38	U		0.38	U				UG/L
1,2,4-TRICHLOROBENZENE	0.17	U		0.17	U				UG/L
1,2,4-TRIMETHYLBENZENE	0.17	U		0.17	U				UG/L
1,2-DIBROMO-3-CHLOROPROPANE	0.77	U		0.77	U				UG/L
1,2-DIBROMOETHANE	0.25	U		0.25	U				UG/L
1,2-DICHLOROBENZENE	0.17	U		0.17	U				UG/L
1,2-DICHLOROETHANE	0.17	U		0.17	U				UG/L
1,2-DICHLOROPROPANE	0.17	U		0.17	U				UG/L
1,3,5-TRIMETHYLBENZENE	0.17	U		0.17	U				UG/L
1,3-DICHLOROBENZENE	0.17	U		0.17	U				UG/L
1,3-DICHLOROPROPANE	0.17	U		0.17	U				UG/L
1,4-DICHLOROBENZENE	0.17	U		0.17	U				UG/L
1-CHLOROHEXANE	0.17	U		0.17	U				UG/L
2,2-DICHLOROPROPANE	0.17	U		0.17	U				UG/L
2-BUTANONE	2.4	U		2.4	U				UG/L
2-CHLOROTOLUENE	0.17	U		0.17	U				UG/L
2-HEXANONE	3.3	U		3.3	U				UG/L
4-CHLOROTOLUENE	0.17	U		0.17	U				UG/L
4-METHYL-2-PENTANONE	1.7	U		1.7	U				UG/L
ACETONE	3.3	U		3.3	U				UG/L
ANTIMONY	0.0003	U		0.000078	B				MG/L
ARSENIC	0.14			0.18			25.00		UG/L
BARIUM	340			350			2.90		UG/L
BENZENE	0.17	U		0.17	U				UG/L
BERYLLIUM	0.42	U		0.42	U				UG/L
BROMOBENZENE	0.17	U		0.17	U				UG/L
BROMOCHLOROMETHANE	0.17	U		0.17	U				UG/L
BROMODICHLOROMETHANE	0.17	U		0.17	U				UG/L
BROMOFORM	0.17	U		0.17	U				UG/L
BROMOMETHANE	0.17	U		0.17	U				UG/L
CADMIUM	0.00006	B		0.000068	B				MG/L
CARBON DISULFIDE	0.17	U		0.17	U				UG/L
CARBON TETRACHLORIDE	0.17	U		0.17	U				UG/L
CHLOROBENZENE	0.17	U		0.17	U				UG/L
Chlorodibromomethane	0.17	U		0.17	U				UG/L
CHLOROETHANE	0.21	U		0.21	U				UG/L

SAMPLE MANAGEMENT SYSTEM

Validation Report: Field Duplicates

RIN: 08031475 **Lab Code:** PAR **Project:** Salmon LTS&M **Validation Date:** 7/15/2008

Duplicate: 2595 **Sample:** HMH-16R

Analyte	Sample Result	Sample Flag	Sample Error	Duplicate Result	Duplicate Flag	Duplicate Error	RPD	RER	Units
CHLOROFORM	0.17	U		0.17	U				UG/L
CHLOROMETHANE	0.17	U		0.17	U				UG/L
CHROMIUM	0.57	U		0.57	U				UG/L
CIS-1,2-DICHLOROETHENE	0.17	U		0.17	U				UG/L
CIS-1,3-DICHLOROPROPENE	0.17	U		0.17	U				UG/L
DIBROMOMETHANE	0.17	U		0.17	U				UG/L
DICHLORODIFLUOROMETHANE	0.17	U		0.17	U				UG/L
Ethyl Benzene	0.17	U		0.17	U				UG/L
HEXACHLOROBUTADIENE	0.24	U		0.24	U				UG/L
IODOMETHANE	0.17	U		0.17	U				UG/L
ISOPROPYLBENZENE	0.17	U		0.17	U				UG/L
LEAD	0.000079	B		0.00024	B				MG/L
M+P-XYLENE	0.24	U		0.35	J				UG/L
MERCURY	0.013	B		0.015	B				UG/L
METHYL TERTIARY BUTYL ETHER	0.17	U		0.17	U				UG/L
METHYLENE CHLORIDE	0.17	U		0.17	U				UG/L
NAPHTHALENE	0.17	U		0.17	U				UG/L
N-BUTYLBENZENE	0.17	U		0.17	U				UG/L
NICKEL	20	U		20	U				UG/L
N-PROPYLBENZENE	0.17	U		0.17	U				UG/L
O-XYLENE	0.17	U		0.17	U				UG/L
P-ISOPROPYLTOLUENE	0.17	U		0.17	U				UG/L
SEC-BUTYLBENZENE	0.17	U		0.17	U				UG/L
SELENIUM	0.042	B		0.04	U				UG/L
SILVER	10	U		10	U				UG/L
STYRENE	0.17	U		0.17	U				UG/L
TERT-BUTYLBENZENE	0.17	U		0.17	U				UG/L
TETRACHLOROETHENE	0.17	U		0.17	U				UG/L
TOLUENE	0.3	J		0.7	J				UG/L
TRANS-1,2-DICHLOROETHENE	0.17	U		0.17	U				UG/L
TRANS-1,3-DICHLOROPROPENE	0.17	U		0.17	U				UG/L
TRICHLOROETHENE	0.17	U		0.17	U				UG/L
TRICHLOROFLUOROMETHANE	0.17	U		0.17	U				UG/L
VINYL ACETATE	0.69	U		0.69	U				UG/L
VINYL CHLORIDE	0.17	U		0.17	U				UG/L
ZINC	1.8	B		2.4	B				UG/L

Certification

All laboratory analytical quality control criteria were met except as qualified in this report. The data qualifiers listed on the SEEPro database reports are defined on the last page of each report. All data in this package are considered validated and available for use.

Laboratory Coordinator: Steve Donivan — Date: 8-1-2008

Data Validation Lead: Steve Donivan — Date: 8-1-2008

Attachment 1
Data Presentation

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Groundwater Quality Data

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Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: E-7 WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,1-Trichloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloropropene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2,3-Trichloropropane	ug/L	04/16/2008	N001	0	-	0	0.38	U	F	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/16/2008	N001	0	-	0	0.77	U	F	#	0.77	
1,2-Dibromoethane	ug/L	04/16/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2-Dichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloropropane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: E-7 WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3-Dichloropropane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,4-Dichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1-Chlorohexane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
2,2-Dichloropropane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Butanone	ug/L	04/16/2008	N001	0	-	0	2.4	U	F	#	2.4	
2-Chlorotoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Hexanone	ug/L	04/16/2008	N001	0	-	0	3.3	U	F	#	3.3	
4-Chlorotoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/16/2008	N001	0	-	0	1.7	U	F	#	1.7	
Acetone	ug/L	04/16/2008	N001	0	-	0	3.3	U	F	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/16/2008	N001	0	-	0	318		F	#		
Benzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromochloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromodichloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromoform	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: E-7 WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Carbon Disulfide	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Carbon tetrachloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorodibromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloroethane	ug/L	04/16/2008	N001	0	-	0	0.21	U	F	#	0.21	
Chloroform	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
cis-1,2-Dichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dibromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dichlorodifluoromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Ethylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Hexachlorobutadiene	ug/L	04/16/2008	N001	0	-	0	0.24	U	F	#	0.24	
Iodomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Isopropylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
m,p-Xylene	ug/L	04/16/2008	N001	0	-	0	0.24	U	F	#	0.24	
Methylene chloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: E-7 WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
n-Propylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Naphthalene	ug/L	04/16/2008	N001	0	-	0	0.33	J	F	#	0.17	
o-Xylene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Oxidation Reduction Potential	mV	04/16/2008	N001	0	-	0	-306		F	#		
p-Isopropyltoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
pH	s.u.	04/16/2008	N001	0	-	0	7.22		F	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
sec-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Specific Conductance	umhos /cm	04/16/2008	N001	0	-	0	3267		F	#		
Styrene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Temperature	C	04/16/2008	N001	0	-	0	21.4		F	#		
tert-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Tetrachloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Toluene	ug/L	04/16/2008	N001	0	-	0	0.18	J	UF	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,3-dichloropropene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichlorofluoromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: E-7 WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Turbidity	NTU	04/16/2008	N001	0	-	0	3.34		F	#		
Vinyl Acetate	ug/L	04/16/2008	N001	0	-	0	0.69	U	F	#	0.69	
Vinyl chloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HM-3 WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/14/2008	N001	0	-	0	354		F	#		
Antimony	mg/L	04/14/2008	N001	0	-	0	0.000056	B	F	#	0.0003	
Arsenic	mg/L	04/14/2008	N001	0	-	0	0.00044		F	#	0.000022	
Barium	mg/L	04/14/2008	N001	0	-	0	0.21		F	#	0.000095	
Beryllium	mg/L	04/14/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Cadmium	mg/L	04/14/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Chromium	mg/L	04/14/2008	N001	0	-	0	0.12		F	#	0.00057	
Lead	mg/L	04/14/2008	N001	0	-	0	0.00061		UF	#	0.0005	
Mercury	mg/L	04/14/2008	N001	0	-	0	0.000011	B	F	#	0.0000095	
Nickel	mg/L	04/14/2008	N001	0	-	0	0.02	U	F	#	0.02	
Oxidation Reduction Potential	mV	04/14/2008	N001	0	-	0	-196		F	#		
pH	s.u.	04/14/2008	N001	0	-	0	9.27		F	#		
Selenium	mg/L	04/14/2008	N001	0	-	0	0.000047	B	F	#	0.00004	
Silver	mg/L	04/14/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/14/2008	N001	0	-	0	1273		F	#		
Temperature	C	04/14/2008	N001	0	-	0	21.2		F	#		
Turbidity	NTU	04/14/2008	N001	0	-	0	2.08		F	#		
Zinc	mg/L	04/14/2008	N001	0	-	0	0.0048	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HM-L WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/14/2008	N001	0	-	0	17		F	#		
Antimony	mg/L	04/14/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Arsenic	mg/L	04/14/2008	N001	0	-	0	0.00079		F	#	0.000022	
Barium	mg/L	04/14/2008	N001	0	-	0	0.43		F	#	0.000095	
Beryllium	mg/L	04/14/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Cadmium	mg/L	04/14/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Chromium	mg/L	04/14/2008	N001	0	-	0	0.0018	B	F	#	0.00057	
Lead	mg/L	04/14/2008	N001	0	-	0	0.00032	B	UF	#	0.0005	
Mercury	mg/L	04/14/2008	N001	0	-	0	0.000011	B	F	#	0.0000095	
Nickel	mg/L	04/14/2008	N001	0	-	0	0.02	U	F	#	0.02	
Oxidation Reduction Potential	mV	04/14/2008	N001	0	-	0	49		F	#		
pH	s.u.	04/14/2008	N001	0	-	0	8.55		F	#		
Selenium	mg/L	04/14/2008	N001	0	-	0	0.00004	B	F	#	0.00004	
Silver	mg/L	04/14/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/14/2008	N001	0	-	0	605		F	#		
Temperature	C	04/14/2008	N001	0	-	0	20.9		F	#		
Turbidity	NTU	04/14/2008	N001	0	-	0	0.95		F	#		
Zinc	mg/L	04/14/2008	N001	0	-	0	0.0023	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HM-L2 WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/16/2008	N001	0	-	0	162		F	#		
Antimony	mg/L	04/16/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Arsenic	mg/L	04/16/2008	N001	0	-	0	0.00011		UF	#	0.000022	
Barium	mg/L	04/16/2008	N001	0	-	0	0.11		F	#	0.000095	
Beryllium	mg/L	04/16/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Cadmium	mg/L	04/16/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Chromium	mg/L	04/16/2008	N001	0	-	0	0.00067	B	F	#	0.00057	
Lead	mg/L	04/16/2008	N001	0	-	0	0.00026	B	UF	#	0.0005	
Mercury	mg/L	04/16/2008	N001	0	-	0	0.000012	B	F	#	0.0000095	
Nickel	mg/L	04/16/2008	N001	0	-	0	0.02	U	F	#	0.02	
Oxidation Reduction Potential	mV	04/16/2008	N001	0	-	0	-192		F	#		
pH	s.u.	04/16/2008	N001	0	-	0	7.65		F	#		
Selenium	mg/L	04/16/2008	N001	0	-	0	0.00004	U	F	#	0.00004	
Silver	mg/L	04/16/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/16/2008	N001	0	-	0	390		F	#		
Temperature	C	04/16/2008	N001	0	-	0	20.5		F	#		
Turbidity	NTU	04/16/2008	N001	0	-	0	6.8		F	#		
Zinc	mg/L	04/16/2008	N001	0	-	0	0.0022	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HM-S WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2,3-Trichloropropane	ug/L	04/14/2008	N001	0	-	0	0.38	U	FQ	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/14/2008	N001	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromoethane	ug/L	04/14/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HM-S WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Butanone	ug/L	04/14/2008	N001	0	-	0	2.4	U	FQ	#	2.4	
2-Chlorotoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Hexanone	ug/L	04/14/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
4-Chlorotoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/14/2008	N001	0	-	0	1.7	U	FQ	#	1.7	
Acetone	ug/L	04/14/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/14/2008	N001	0	-	0	54		FQ	#		
Antimony	mg/L	04/14/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Arsenic	mg/L	04/14/2008	N001	0	-	0	0.0001		UFQ	#	0.000022	
Barium	mg/L	04/14/2008	N001	0	-	0	0.031		FQ	#	0.000095	
Benzene	ug/L	04/14/2008	N001	0	-	0	0.29	J	FQ	#	0.17	
Beryllium	mg/L	04/14/2008	N001	0	-	0	0.00042	U	FQ	#	0.00042	
Bromobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HM-S WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Cadmium	mg/L	04/14/2008	N001	0	-	0	0.000062	B	FQ	#	0.0003	
Carbon Disulfide	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloroethane	ug/L	04/14/2008	N001	0	-	0	0.21	U	FQ	#	0.21	
Chloroform	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chromium	mg/L	04/14/2008	N001	0	-	0	0.00057	U	FQ	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	3.7		FQ	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HM-S WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/14/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Iodomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Lead	mg/L	04/14/2008	N001	0	-	0	0.00026	B	UFQ	#	0.0005	
m,p-Xylene	ug/L	04/14/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Mercury	mg/L	04/14/2008	N001	0	-	0	0.000011	B	FQ	#	0.0000095	
Methylene chloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Naphthalene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Nickel	mg/L	04/14/2008	N001	0	-	0	0.02	U	FQ	#	0.02	
o-Xylene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Oxidation Reduction Potential	mV	04/14/2008	N001	0	-	0	72		FQ	#		
p-Isopropyltoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
pH	s.u.	04/14/2008	N001	0	-	0	5.81		FQ	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Selenium	mg/L	04/14/2008	N001	0	-	0	0.000059	B	FQ	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HM-S WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/14/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/14/2008	N001	0	-	0	1099		FQ	#		
Styrene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Temperature	C	04/14/2008	N001	0	-	0	19.6		FQ	#		
tert-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Toluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	0.57	J	FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichloroethene	ug/L	04/14/2008	N001	0	-	0	1.8		FQ	#	0.17	
Trichlorofluoromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Turbidity	NTU	04/14/2008	N001	0	-	0	63.1		FQ	#		
Vinyl Acetate	ug/L	04/14/2008	N001	0	-	0	0.69	U	FQ	#	0.69	
Vinyl chloride	ug/L	04/14/2008	N001	0	-	0	0.17	J	FQ	#	0.17	
Zinc	mg/L	04/14/2008	N001	0	-	0	0.0018	B	UFQ	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1,2-Tetrachloroethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2,3-Trichlorobenzene	ug/L	04/16/2008	N002	0	-	0	0.25	U	FQ	#	0.25	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,2,3-Trichloropropane	ug/L	04/16/2008	N001	0	-	0	0.38	U	FQ	#	0.38	
1,2,3-Trichloropropane	ug/L	04/16/2008	N002	0	-	0	0.38	U	FQ	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trichlorobenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/16/2008	N001	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromo-3-chloropropane	ug/L	04/16/2008	N002	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromoethane	ug/L	04/16/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dibromoethane	ug/L	04/16/2008	N002	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichlorobenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichlorobenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
2-Butanone	ug/L	04/16/2008	N001	0	-	0	2.4	U	FQ	#	2.4	
2-Butanone	ug/L	04/16/2008	N002	0	-	0	2.4	U	FQ	#	2.4	
2-Chlorotoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Chlorotoluene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
2-Hexanone	ug/L	04/16/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
2-Hexanone	ug/L	04/16/2008	N002	0	-	0	3.3	U	FQ	#	3.3	
4-Chlorotoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
4-Chlorotoluene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
4-Methyl-2-Pentanone	ug/L	04/16/2008	N001	0	-	0	1.7	U	FQ	#	1.7	
4-Methyl-2-Pentanone	ug/L	04/16/2008	N002	0	-	0	1.7	U	FQ	#	1.7	
Acetone	ug/L	04/16/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
Acetone	ug/L	04/16/2008	N002	0	-	0	3.3	U	FQ	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/16/2008	N001	0	-	0	198		FQ	#		
Antimony	mg/L	04/16/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Antimony	mg/L	04/16/2008	N002	0	-	0	0.000078	B	FQ	#	0.0003	
Arsenic	mg/L	04/16/2008	N001	0	-	0	0.00014		FQ	#	0.000022	
Arsenic	mg/L	04/16/2008	N002	0	-	0	0.00018		FQ	#	0.000022	
Barium	mg/L	04/16/2008	N001	0	-	0	0.34		FQ	#	0.000095	
Barium	mg/L	04/16/2008	N002	0	-	0	0.35		FQ	#	0.000095	
Benzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Benzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Beryllium	mg/L	04/16/2008	N001	0	-	0	0.00042	U	FQ	#	0.00042	
Beryllium	mg/L	04/16/2008	N002	0	-	0	0.00042	U	FQ	#	0.00042	
Bromobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromobenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Bromochloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Cadmium	mg/L	04/16/2008	N001	0	-	0	0.00006	B	FQ	#	0.0003	
Cadmium	mg/L	04/16/2008	N002	0	-	0	0.000068	B	FQ	#	0.0003	
Carbon Disulfide	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon Disulfide	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chloroethane	ug/L	04/16/2008	N001	0	-	0	0.21	U	FQ	#	0.21	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	04/16/2008	N002	0	-	0	0.21	U	FQ	#	0.21	
Chloroform	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloroform	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chromium	mg/L	04/16/2008	N001	0	-	0	0.00057	U	FQ	#	0.00057	
Chromium	mg/L	04/16/2008	N002	0	-	0	0.00057	U	FQ	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
cis-1,2-Dichloroethene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Hexachlorobutadiene	ug/L	04/16/2008	N001	0	-	0	0.24	U	FQ	#	0.24	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/16/2008	N002	0	-	0	0.24	U	FQ	#	0.24	
Iodomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Iodomethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Lead	mg/L	04/16/2008	N001	0	-	0	0.000079	B	UFQ	#	0.0005	
Lead	mg/L	04/16/2008	N002	0	-	0	0.00024	B	UFQ	#	0.0005	
m,p-Xylene	ug/L	04/16/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
m,p-Xylene	ug/L	04/16/2008	N002	0	-	0	0.35	J	FQ	#	0.24	
Mercury	mg/L	04/16/2008	N001	0	-	0	0.000013	B	FQ	#	0.0000095	
Mercury	mg/L	04/16/2008	N002	0	-	0	0.000015	B	FQ	#	0.0000095	
Methylene chloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Methylene chloride	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Naphthalene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Naphthalene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Nickel	mg/L	04/16/2008	N001	0	-	0	0.02	U	FQ	#	0.02	
Nickel	mg/L	04/16/2008	N002	0	-	0	0.02	U	FQ	#	0.02	
o-Xylene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
o-Xylene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Oxidation Reduction Potential	mV	04/16/2008	N001	0	-	0	285		FQ	#		
p-Isopropyltoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
p-Isopropyltoluene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
pH	s.u.	04/16/2008	N001	0	-	0	6.56		FQ	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Propane, 2-methoxy-2-methyl-	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Selenium	mg/L	04/16/2008	N001	0	-	0	0.000042	B	FQ	#	0.00004	
Selenium	mg/L	04/16/2008	N002	0	-	0	0.00004	U	FQ	#	0.00004	
Silver	mg/L	04/16/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Silver	mg/L	04/16/2008	N002	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/16/2008	N001	0	-	0	815		FQ	#		

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Styrene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Styrene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Temperature	C	04/16/2008	N001	0	-	0	18.2		FQ	#		
tert-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
tert-Butylbenzene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Toluene	ug/L	04/16/2008	N001	0	-	0	0.3	J	UFQ	#	0.17	
Toluene	ug/L	04/16/2008	N002	0	-	0	0.7	J	UFQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Trichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichloroethene	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Trichlorofluoromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichlorofluoromethane	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Turbidity	NTU	04/16/2008	N001	0	-	0	6.03		FQ	#		

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-16R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Vinyl Acetate	ug/L	04/16/2008	N001	0	-	0	0.69	U	FQ	#	0.69	
Vinyl Acetate	ug/L	04/16/2008	N002	0	-	0	0.69	U	FQ	#	0.69	
Vinyl chloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Vinyl chloride	ug/L	04/16/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Zinc	mg/L	04/16/2008	N001	0	-	0	0.0018	B	UFQ	#	0.0012	
Zinc	mg/L	04/16/2008	N002	0	-	0	0.0024	B	UFQ	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1,2-Tetrachloroethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.54	J	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/17/2008	N002	0	-	0	0.57	J	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2,3-Trichlorobenzene	ug/L	04/17/2008	N002	0	-	0	0.25	U	FQ	#	0.25	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,2,3-Trichloropropane	ug/L	04/17/2008	N001	0	-	0	0.38	U	FQ	#	0.38	
1,2,3-Trichloropropane	ug/L	04/17/2008	N002	0	-	0	0.38	U	FQ	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trichlorobenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/17/2008	N001	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromo-3-chloropropane	ug/L	04/17/2008	N002	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromoethane	ug/L	04/17/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dibromoethane	ug/L	04/17/2008	N002	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichlorobenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichlorobenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
2-Butanone	ug/L	04/17/2008	N001	0	-	0	2.4	U	FQ	#	2.4	
2-Butanone	ug/L	04/17/2008	N002	0	-	0	2.4	U	FQ	#	2.4	
2-Chlorotoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Chlorotoluene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
2-Hexanone	ug/L	04/17/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
2-Hexanone	ug/L	04/17/2008	N002	0	-	0	3.3	U	FQ	#	3.3	
4-Chlorotoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
4-Chlorotoluene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
4-Methyl-2-Pentanone	ug/L	04/17/2008	N001	0	-	0	1.7	U	FQ	#	1.7	
4-Methyl-2-Pentanone	ug/L	04/17/2008	N002	0	-	0	1.7	U	FQ	#	1.7	
Acetone	ug/L	04/17/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
Acetone	ug/L	04/17/2008	N002	0	-	0	3.3	U	FQ	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/17/2008	N001	0	-	0	39		FQ	#		
Antimony	mg/L	04/17/2008	N001	0	-	0	0.000065	B	FQ	#	0.0003	
Antimony	mg/L	04/17/2008	N002	0	-	0	0.00011	B	FQ	#	0.0003	
Arsenic	mg/L	04/17/2008	N001	0	-	0	0.0045		FQ	#	0.000022	
Arsenic	mg/L	04/17/2008	N002	0	-	0	0.0047		FQ	#	0.000022	
Barium	mg/L	04/17/2008	N001	0	-	0	0.52		FQ	#	0.000095	
Barium	mg/L	04/17/2008	N002	0	-	0	0.51		FQ	#	0.000095	
Benzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Benzene	ug/L	04/17/2008	N002	0	-	0	0.17	J	FQ	#	0.17	
Beryllium	mg/L	04/17/2008	N001	0	-	0	0.00042	U	FQ	#	0.00042	
Beryllium	mg/L	04/17/2008	N002	0	-	0	0.00042	U	FQ	#	0.00042	
Bromobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromobenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Bromochloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Cadmium	mg/L	04/17/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Cadmium	mg/L	04/17/2008	N002	0	-	0	0.000058	B	FQ	#	0.0003	
Carbon Disulfide	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon Disulfide	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chloroethane	ug/L	04/17/2008	N001	0	-	0	0.21	U	FQ	#	0.21	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Chloroethane	ug/L	04/17/2008	N002	0	-	0	0.21	U	FQ	#	0.21	
Chloroform	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloroform	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Chromium	mg/L	04/17/2008	N001	0	-	0	0.0011	B	FQ	#	0.00057	
Chromium	mg/L	04/17/2008	N002	0	-	0	0.00057	U	FQ	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	90		FQ	#	1.7	
cis-1,2-Dichloroethene	ug/L	04/17/2008	N002	0	-	0	91		FQ	#	1.7	
cis-1,3-Dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/17/2008	N002	0	-	0	0.18	J	FQ	#	0.17	
Hexachlorobutadiene	ug/L	04/17/2008	N001	0	-	0	0.24	U	FQ	#	0.24	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/17/2008	N002	0	-	0	0.24	U	FQ	#	0.24	
Iodomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Iodomethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Lead	mg/L	04/17/2008	N001	0	-	0	0.00038	B	UFQ	#	0.0005	
Lead	mg/L	04/17/2008	N002	0	-	0	0.00046	B	UFQ	#	0.0005	
m,p-Xylene	ug/L	04/17/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
m,p-Xylene	ug/L	04/17/2008	N002	0	-	0	0.43	J	FQ	#	0.24	
Mercury	mg/L	04/17/2008	N001	0	-	0	0.000015	B	FQ	#	0.0000095	
Mercury	mg/L	04/17/2008	N002	0	-	0	0.000014	B	FQ	#	0.0000095	
Methylene chloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Methylene chloride	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Naphthalene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Naphthalene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Nickel	mg/L	04/17/2008	N001	0	-	0	0.0015	B	UFQ	#	0.02	
Nickel	mg/L	04/17/2008	N002	0	-	0	0.00072	B	UFQ	#	0.02	
o-Xylene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
o-Xylene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Oxidation Reduction Potential	mV	04/17/2008	N001	0	-	0	-180		FQ	#		
p-Isopropyltoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
p-Isopropyltoluene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
pH	s.u.	04/17/2008	N001	0	-	0	5.53		FQ	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Propane, 2-methoxy-2-methyl-	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Selenium	mg/L	04/17/2008	N001	0	-	0	0.00005	B	FQ	#	0.00004	
Selenium	mg/L	04/17/2008	N002	0	-	0	0.000047	B	FQ	#	0.00004	
Silver	mg/L	04/17/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Silver	mg/L	04/17/2008	N002	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/17/2008	N001	0	-	0	902		FQ	#		

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Styrene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Styrene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Temperature	C	04/17/2008	N001	0	-	0	17.6		FQ	#		
tert-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
tert-Butylbenzene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Toluene	ug/L	04/17/2008	N001	0	-	0	0.46	J	UFQ	#	0.17	
Toluene	ug/L	04/17/2008	N002	0	-	0	0.93	J	UFQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	4.7		FQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/17/2008	N002	0	-	0	4.9		FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Trichloroethene	ug/L	04/17/2008	N001	0	-	0	130		FQ	#	1.7	
Trichloroethene	ug/L	04/17/2008	N002	0	-	0	140		FQ	#	1.7	
Trichlorofluoromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichlorofluoromethane	ug/L	04/17/2008	N002	0	-	0	0.17	U	FQ	#	0.17	
Turbidity	NTU	04/17/2008	N001	0	-	0	14.5		FQ	#		

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HMH-5R WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Vinyl Acetate	ug/L	04/17/2008	N001	0	-	0	0.69	U	FQ	#	0.69	
Vinyl Acetate	ug/L	04/17/2008	N002	0	-	0	0.69	U	FQ	#	0.69	
Vinyl chloride	ug/L	04/17/2008	N001	0	-	0	0.23	J	FQ	#	0.17	
Vinyl chloride	ug/L	04/17/2008	N002	0	-	0	0.28	J	FQ	#	0.17	
Zinc	mg/L	04/17/2008	N001	0	-	0	0.0012	U	FQ	#	0.0012	
Zinc	mg/L	04/17/2008	N002	0	-	0	0.0012	U	FQ	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-1-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,1-Trichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2,3-Trichloropropane	ug/L	04/14/2008	N001	0	-	0	0.38	U	F	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/14/2008	N001	0	-	0	0.77	U	F	#	0.77	
1,2-Dibromoethane	ug/L	04/14/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-1-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,4-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
1-Chlorohexane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
2,2-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Butanone	ug/L	04/14/2008	N001	0	-	0	2.4	U	F	#	2.4	
2-Chlorotoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Hexanone	ug/L	04/14/2008	N001	0	-	0	3.3	U	F	#	3.3	
4-Chlorotoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/14/2008	N001	0	-	0	1.7	U	F	#	1.7	
Acetone	ug/L	04/14/2008	N001	0	-	0	3.3	U	F	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/14/2008	N001	0	-	0	149		F	#		
Antimony	mg/L	04/14/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Arsenic	mg/L	04/14/2008	N001	0	-	0	0.0068		F	#	0.000022	
Barium	mg/L	04/14/2008	N001	0	-	0	0.32		F	#	0.000095	
Benzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Beryllium	mg/L	04/14/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Bromobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-1-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromodichloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromoform	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Cadmium	mg/L	04/14/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Carbon Disulfide	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Carbon tetrachloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorodibromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloroethane	ug/L	04/14/2008	N001	0	-	0	0.21	U	F	#	0.21	
Chloroform	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chromium	mg/L	04/14/2008	N001	0	-	0	0.00057	U	F	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	6.5		F	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dibromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dichlorodifluoromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Ethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-1-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/14/2008	N001	0	-	0	0.24	U	F	#	0.24	
Iodomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Isopropylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Lead	mg/L	04/14/2008	N001	0	-	0	0.000094	B	UF	#	0.0005	
m,p-Xylene	ug/L	04/14/2008	N001	0	-	0	0.24	U	F	#	0.24	
Mercury	mg/L	04/14/2008	N001	0	-	0	0.000011	B	UF	#	0.0000095	
Methylene chloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Propylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Naphthalene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Nickel	mg/L	04/14/2008	N001	0	-	0	0.02	U	F	#	0.02	
o-Xylene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Oxidation Reduction Potential	mV	04/14/2008	N001	0	-	0	-21.8		F	#		
p-Isopropyltoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
pH	s.u.	04/14/2008	N001	0	-	0	5.87		F	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
sec-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Selenium	mg/L	04/14/2008	N001	0	-	0	0.000045	B	F	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-1-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/14/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/14/2008	N001	0	-	0	621		F	#		
Styrene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Temperature	C	04/14/2008	N001	0	-	0	18.8		F	#		
tert-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Tetrachloroethene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Toluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	1.8		F	#	0.17	
trans-1,3-dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichloroethene	ug/L	04/14/2008	N001	0	-	0	2.7		F	#	0.17	
Trichlorofluoromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Turbidity	NTU	04/14/2008	N001	0	-	0	6.27		F	#		
Vinyl Acetate	ug/L	04/14/2008	N001	0	-	0	0.69	U	F	#	0.69	
Vinyl chloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	F	#	0.17	
Zinc	mg/L	04/14/2008	N001	0	-	0	0.0016	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-12-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,1-Trichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2,3-Trichloropropane	ug/L	04/17/2008	N001	0	-	0	0.38	U	F	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/17/2008	N001	0	-	0	0.77	U	F	#	0.77	
1,2-Dibromoethane	ug/L	04/17/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-12-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,4-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1-Chlorohexane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
2,2-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Butanone	ug/L	04/17/2008	N001	0	-	0	2.4	U	F	#	2.4	
2-Chlorotoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Hexanone	ug/L	04/17/2008	N001	0	-	0	3.3	U	F	#	3.3	
4-Chlorotoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/17/2008	N001	0	-	0	1.7	U	F	#	1.7	
Acetone	ug/L	04/17/2008	N001	0	-	0	3.3	U	F	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/17/2008	N001	0	-	0	80		F	#		
Antimony	mg/L	04/17/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Arsenic	mg/L	04/17/2008	N001	0	-	0	0.000042	B	UF	#	0.000022	
Barium	mg/L	04/17/2008	N001	0	-	0	0.35		F	#	0.000095	
Benzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Beryllium	mg/L	04/17/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Bromobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-12-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromodichloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromoform	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Cadmium	mg/L	04/17/2008	N001	0	-	0	0.000067	B	F	#	0.0003	
Carbon Disulfide	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Carbon tetrachloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorodibromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloroethane	ug/L	04/17/2008	N001	0	-	0	0.21	U	F	#	0.21	
Chloroform	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chromium	mg/L	04/17/2008	N001	0	-	0	0.00057	U	F	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dibromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dichlorodifluoromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Ethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-12-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/17/2008	N001	0	-	0	0.24	U	F	#	0.24	
Iodomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Isopropylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Lead	mg/L	04/17/2008	N001	0	-	0	0.000031	B	UF	#	0.0005	
m,p-Xylene	ug/L	04/17/2008	N001	0	-	0	0.24	U	F	#	0.24	
Mercury	mg/L	04/17/2008	N001	0	-	0	0.000012	B	UF	#	0.0000095	
Methylene chloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Propylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Naphthalene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Nickel	mg/L	04/17/2008	N001	0	-	0	0.0014	B	F	#	0.02	
o-Xylene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Oxidation Reduction Potential	mV	04/17/2008	N001	0	-	0	135		F	#		
p-Isopropyltoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
pH	s.u.	04/17/2008	N001	0	-	0	6.6		F	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
sec-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Selenium	mg/L	04/17/2008	N001	0	-	0	0.00004	U	F	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-12-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/17/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/17/2008	N001	0	-	0	547		F	#		
Styrene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Temperature	C	04/17/2008	N001	0	-	0	18.4		F	#		
tert-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Tetrachloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Toluene	ug/L	04/17/2008	N001	0	-	0	0.21	J	UF	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,3-dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichlorofluoromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Turbidity	NTU	04/17/2008	N001	0	-	0	1.82		F	#		
Vinyl Acetate	ug/L	04/17/2008	N001	0	-	0	0.69	U	F	#	0.69	
Vinyl chloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Zinc	mg/L	04/17/2008	N001	0	-	0	0.0052	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-2-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2,3-Trichloropropane	ug/L	04/14/2008	N001	0	-	0	0.38	U	FQ	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/14/2008	N001	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromoethane	ug/L	04/14/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-2-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Butanone	ug/L	04/14/2008	N001	0	-	0	2.4	U	FQ	#	2.4	
2-Chlorotoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Hexanone	ug/L	04/14/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
4-Chlorotoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/14/2008	N001	0	-	0	1.7	U	FQ	#	1.7	
Acetone	ug/L	04/14/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/14/2008	N001	0	-	0	90		FQ	#		
Antimony	mg/L	04/14/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Arsenic	mg/L	04/14/2008	N001	0	-	0	0.0068		FQ	#	0.000022	
Barium	mg/L	04/14/2008	N001	0	-	0	0.053		FQ	#	0.000095	
Benzene	ug/L	04/14/2008	N001	0	-	0	0.46	J	FQ	#	0.17	
Beryllium	mg/L	04/14/2008	N001	0	-	0	0.00042	U	FQ	#	0.00042	
Bromobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-2-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Cadmium	mg/L	04/14/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Carbon Disulfide	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloroethane	ug/L	04/14/2008	N001	0	-	0	0.21	U	FQ	#	0.21	
Chloroform	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chromium	mg/L	04/14/2008	N001	0	-	0	0.00057	U	FQ	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	15		FQ	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-2-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/14/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Iodomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Lead	mg/L	04/14/2008	N001	0	-	0	0.00016	B	UFQ	#	0.0005	
m,p-Xylene	ug/L	04/14/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Mercury	mg/L	04/14/2008	N001	0	-	0	0.000011	B	UFQ	#	0.0000095	
Methylene chloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Naphthalene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Nickel	mg/L	04/14/2008	N001	0	-	0	0.02	U	FQ	#	0.02	
o-Xylene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Oxidation Reduction Potential	mV	04/14/2008	N001	0	-	0	19.8		FQ	#		
p-Isopropyltoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
pH	s.u.	04/14/2008	N001	0	-	0	5.83		FQ	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Selenium	mg/L	04/14/2008	N001	0	-	0	0.000068	B	FQ	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-2-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/14/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/14/2008	N001	0	-	0	1635		FQ	#		
Styrene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Temperature	C	04/14/2008	N001	0	-	0	17.82		FQ	#		
tert-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/14/2008	N001	0	-	0	0.26	J	FQ	#	0.17	
Toluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	2.3		FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichloroethene	ug/L	04/14/2008	N001	0	-	0	2		FQ	#	0.17	
Trichlorofluoromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Turbidity	NTU	04/14/2008	N001	0	-	0	43.9		FQ	#		
Vinyl Acetate	ug/L	04/14/2008	N001	0	-	0	0.69	U	FQ	#	0.69	
Vinyl chloride	ug/L	04/14/2008	N001	0	-	0	1.1		FQ	#	0.17	
Zinc	mg/L	04/14/2008	N001	0	-	0	0.0012	U	FQ	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-3-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2,3-Trichloropropane	ug/L	04/15/2008	N001	0	-	0	0.38	U	FQ	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/15/2008	N001	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromoethane	ug/L	04/15/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-3-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Butanone	ug/L	04/15/2008	N001	0	-	0	2.4	U	FQ	#	2.4	
2-Chlorotoluene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Hexanone	ug/L	04/15/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
4-Chlorotoluene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/15/2008	N001	0	-	0	1.7	U	FQ	#	1.7	
Acetone	ug/L	04/15/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	0	-	0	216		FQ	#		
Antimony	mg/L	04/15/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0	-	0	0.019		FQ	#	0.000045	
Barium	mg/L	04/15/2008	N001	0	-	0	0.044		FQ	#	0.000095	
Benzene	ug/L	04/15/2008	N001	0	-	0	0.38	J	FQ	#	0.17	
Beryllium	mg/L	04/15/2008	N001	0	-	0	0.00042	U	FQ	#	0.00042	
Bromobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-3-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Cadmium	mg/L	04/15/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Carbon Disulfide	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloroethane	ug/L	04/15/2008	N001	0	-	0	0.21	U	FQ	#	0.21	
Chloroform	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chromium	mg/L	04/15/2008	N001	0	-	0	0.0019	B	FQ	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/15/2008	N001	0	-	0	12		FQ	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-3-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/15/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Iodomethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Lead	mg/L	04/15/2008	N001	0	-	0	0.000087	B	UFQ	#	0.0005	
m,p-Xylene	ug/L	04/15/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Mercury	mg/L	04/15/2008	N001	0	-	0	0.000012	B	FQ	#	0.0000095	
Methylene chloride	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Naphthalene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Nickel	mg/L	04/15/2008	N001	0	-	0	0.02	U	FQ	#	0.02	
o-Xylene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Oxidation Reduction Potential	mV	04/15/2008	N001	0	-	0	-83		FQ	#		
p-Isopropyltoluene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
pH	s.u.	04/15/2008	N001	0	-	0	6.47		FQ	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Selenium	mg/L	04/15/2008	N001	0	-	0	0.00009	B	FQ	#	0.000079	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-3-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/15/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/15/2008	N001	0	-	0	2222		FQ	#		
Styrene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Temperature	C	04/15/2008	N001	0	-	0	18.7		FQ	#		
tert-Butylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Toluene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/15/2008	N001	0	-	0	5.2		FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichloroethene	ug/L	04/15/2008	N001	0	-	0	0.88	J	FQ	#	0.17	
Trichlorofluoromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Turbidity	NTU	04/15/2008	N001	0	-	0	56.6		FQ	#		
Vinyl Acetate	ug/L	04/15/2008	N001	0	-	0	0.69	U	FQ	#	0.69	
Vinyl chloride	ug/L	04/15/2008	N001	0	-	0	0.34	J	FQ	#	0.17	
Zinc	mg/L	04/15/2008	N001	0	-	0	0.0012	U	FQ	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,1-Trichloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloropropene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2,3-Trichloropropane	ug/L	04/15/2008	N001	0	-	0	0.38	U	F	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/15/2008	N001	0	-	0	0.77	U	F	#	0.77	
1,2-Dibromoethane	ug/L	04/15/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2-Dichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloroethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloropropane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3-Dichloropropane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,4-Dichlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
1-Chlorohexane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
2,2-Dichloropropane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Butanone	ug/L	04/15/2008	N001	0	-	0	2.4	U	F	#	2.4	
2-Chlorotoluene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Hexanone	ug/L	04/15/2008	N001	0	-	0	3.3	U	F	#	3.3	
4-Chlorotoluene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/15/2008	N001	0	-	0	1.7	U	F	#	1.7	
Acetone	ug/L	04/15/2008	N001	0	-	0	3.3	U	F	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	0	-	0	75		F	#		
Antimony	mg/L	04/15/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0	-	0	0.00035		F	#	0.000022	
Barium	mg/L	04/15/2008	N001	0	-	0	0.33		F	#	0.000095	
Benzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Beryllium	mg/L	04/15/2008	N001	0	-	0	0.00049	B	F	#	0.00042	
Bromobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromodichloromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromoform	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromomethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Cadmium	mg/L	04/15/2008	N001	0	-	0	0.000057	B	UF	#	0.0003	
Carbon Disulfide	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Carbon tetrachloride	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorobenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorodibromomethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloroethane	ug/L	04/15/2008	N001	0	-	0	0.21	U	F	#	0.21	
Chloroform	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chromium	mg/L	04/15/2008	N001	0	-	0	0.00057	U	F	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/15/2008	N001	0	-	0	0.42	J	F	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dibromomethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dichlorodifluoromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Ethylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/15/2008	N001	0	-	0	0.24	U	F	#	0.24	
Iodomethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Isopropylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Lead	mg/L	04/15/2008	N001	0	-	0	0.00015	B	F	#	0.0005	
m,p-Xylene	ug/L	04/15/2008	N001	0	-	0	0.24	U	F	#	0.24	
Mercury	mg/L	04/15/2008	N001	0	-	0	0.000012	B	F	#	0.0000095	
Methylene chloride	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Butylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Propylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Naphthalene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Nickel	mg/L	04/15/2008	N001	0	-	0	0.02	U	F	#	0.02	
o-Xylene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Oxidation Reduction Potential	mV	04/15/2008	N001	0	-	0	-5		F	#		
p-Isopropyltoluene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
pH	s.u.	04/15/2008	N001	0	-	0	5.65		F	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
sec-Butylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Selenium	mg/L	04/15/2008	N001	0	-	0	0.000047	B	F	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/15/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/15/2008	N001	0	-	0	342		F	#		
Styrene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Temperature	C	04/15/2008	N001	0	-	0	18.9		F	#		
tert-Butylbenzene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Tetrachloroethene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Toluene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,3-dichloropropene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichloroethene	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichlorofluoromethane	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Turbidity	NTU	04/15/2008	N001	0	-	0	1.92		F	#		
Vinyl Acetate	ug/L	04/15/2008	N001	0	-	0	0.69	U	F	#	0.69	
Vinyl chloride	ug/L	04/15/2008	N001	0	-	0	0.17	U	F	#	0.17	
Zinc	mg/L	04/15/2008	N001	0	-	0	0.0017	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-5-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2,3-Trichloropropane	ug/L	04/14/2008	N001	0	-	0	0.38	U	FQ	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/14/2008	N001	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromoethane	ug/L	04/14/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-5-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Butanone	ug/L	04/14/2008	N001	0	-	0	2.4	U	FQ	#	2.4	
2-Chlorotoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Hexanone	ug/L	04/14/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
4-Chlorotoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/14/2008	N001	0	-	0	1.7	U	FQ	#	1.7	
Acetone	ug/L	04/14/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/14/2008	N001	0	-	0	184		FQ	#		
Antimony	mg/L	04/14/2008	N001	0	-	0	0.000079	B	FQ	#	0.0003	
Arsenic	mg/L	04/14/2008	N001	0	-	0	0.0013		FQ	#	0.000022	
Barium	mg/L	04/14/2008	N001	0	-	0	0.021		FQ	#	0.000095	
Benzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Beryllium	mg/L	04/14/2008	N001	0	-	0	0.00042	U	FQ	#	0.00042	
Bromobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-5-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Cadmium	mg/L	04/14/2008	N001	0	-	0	0.000099	B	UFQ	#	0.0003	
Carbon Disulfide	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloroethane	ug/L	04/14/2008	N001	0	-	0	0.21	U	FQ	#	0.21	
Chloroform	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chromium	mg/L	04/14/2008	N001	0	-	0	0.00088	B	FQ	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	5.6		FQ	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-5-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/14/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Iodomethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Lead	mg/L	04/14/2008	N001	0	-	0	0.00046	B	FQ	#	0.0005	
m,p-Xylene	ug/L	04/14/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Mercury	mg/L	04/14/2008	N001	0	-	0	0.000013	B	FQ	#	0.0000095	
Methylene chloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Naphthalene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Nickel	mg/L	04/14/2008	N001	0	-	0	0.00092	B	UFQ	#	0.02	
o-Xylene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Oxidation Reduction Potential	mV	04/14/2008	N001	0	-	0	33.8		FQ	#		
p-Isopropyltoluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
pH	s.u.	04/14/2008	N001	0	-	0	6.15		FQ	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Selenium	mg/L	04/14/2008	N001	0	-	0	0.0001		FQ	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-5-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/14/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/14/2008	N001	0	-	0	1825		FQ	#		
Styrene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Temperature	C	04/14/2008	N001	0	-	0	18.23		FQ	#		
tert-Butylbenzene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Toluene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/14/2008	N001	0	-	0	1.8		FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichloroethene	ug/L	04/14/2008	N001	0	-	0	0.26	J	FQ	#	0.17	
Trichlorofluoromethane	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Turbidity	NTU	04/14/2008	N001	0	-	0	10		FQ	#		
Vinyl Acetate	ug/L	04/14/2008	N001	0	-	0	0.69	U	FQ	#	0.69	
Vinyl chloride	ug/L	04/14/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Zinc	mg/L	04/14/2008	N001	0	-	0	0.0032	B	UFQ	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-6-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,1-Trichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1,2-Trichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,1-Dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2,3-Trichloropropane	ug/L	04/17/2008	N001	0	-	0	0.38	U	FQ	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/17/2008	N001	0	-	0	0.77	U	FQ	#	0.77	
1,2-Dibromoethane	ug/L	04/17/2008	N001	0	-	0	0.25	U	FQ	#	0.25	
1,2-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,2-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-6-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,3-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1,4-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
1-Chlorohexane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2,2-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Butanone	ug/L	04/17/2008	N001	0	-	0	2.4	U	FQ	#	2.4	
2-Chlorotoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
2-Hexanone	ug/L	04/17/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
4-Chlorotoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/17/2008	N001	0	-	0	1.7	U	FQ	#	1.7	
Acetone	ug/L	04/17/2008	N001	0	-	0	3.3	U	FQ	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/17/2008	N001	0	-	0	41		FQ	#		
Antimony	mg/L	04/17/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Arsenic	mg/L	04/17/2008	N001	0	-	0	0.0087		FQ	#	0.000022	
Barium	mg/L	04/17/2008	N001	0	-	0	0.017	B	FQ	#	0.000095	
Benzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Beryllium	mg/L	04/17/2008	N001	0	-	0	0.00042	U	FQ	#	0.00042	
Bromobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-6-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromodichloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromoform	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Bromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Cadmium	mg/L	04/17/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Carbon Disulfide	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Carbon tetrachloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chlorodibromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloroethane	ug/L	04/17/2008	N001	0	-	0	0.21	U	FQ	#	0.21	
Chloroform	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Chromium	mg/L	04/17/2008	N001	0	-	0	0.00057	U	FQ	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dibromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Dichlorodifluoromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Ethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-6-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/17/2008	N001	0	-	0	0.24	U	FQ	#	0.24	
Iodomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Isopropylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Lead	mg/L	04/17/2008	N001	0	-	0	0.00028	B	FQ	#	0.0005	
m,p-Xylene	ug/L	04/17/2008	N001	0	-	0	0.31	J	FQ	#	0.24	
Mercury	mg/L	04/17/2008	N001	0	-	0	0.000016	B	FQ	#	0.0000095	
Methylene chloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
n-Propylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Naphthalene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Nickel	mg/L	04/17/2008	N001	0	-	0	0.02	U	FQ	#	0.02	
o-Xylene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Oxidation Reduction Potential	mV	04/17/2008	N001	0	-	0	-230		FQ	#		
p-Isopropyltoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
pH	s.u.	04/17/2008	N001	0	-	0	6.35		FQ	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
sec-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Selenium	mg/L	04/17/2008	N001	0	-	0	0.000095	B	FQ	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-6-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/17/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/17/2008	N001	0	-	0	182		FQ	#		
Styrene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Temperature	C	04/17/2008	N001	0	-	0	19.4		FQ	#		
tert-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Tetrachloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Toluene	ug/L	04/17/2008	N001	0	-	0	0.65	J	UFQ	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
trans-1,3-dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Trichlorofluoromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Turbidity	NTU	04/17/2008	N001	0	-	0	84.7		FQ	#		
Vinyl Acetate	ug/L	04/17/2008	N001	0	-	0	0.69	U	FQ	#	0.69	
Vinyl chloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	FQ	#	0.17	
Zinc	mg/L	04/17/2008	N001	0	-	0	0.0035	B	UFQ	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-7-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,1-Trichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1,2-Trichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,1-Dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2,3-Trichloropropane	ug/L	04/17/2008	N001	0	-	0	0.38	U	F	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/17/2008	N001	0	-	0	0.77	U	F	#	0.77	
1,2-Dibromoethane	ug/L	04/17/2008	N001	0	-	0	0.25	U	F	#	0.25	
1,2-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloroethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,2-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-7-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,4-Dichlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
1-Chlorohexane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
2,2-Dichloropropane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Butanone	ug/L	04/17/2008	N001	0	-	0	2.4	U	F	#	2.4	
2-Chlorotoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Hexanone	ug/L	04/17/2008	N001	0	-	0	3.3	U	F	#	3.3	
4-Chlorotoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/17/2008	N001	0	-	0	1.7	U	F	#	1.7	
Acetone	ug/L	04/17/2008	N001	0	-	0	3.3	U	F	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/17/2008	N001	0	-	0	264		F	#		
Antimony	mg/L	04/17/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Arsenic	mg/L	04/17/2008	N001	0	-	0	0.0074		F	#	0.000022	
Barium	mg/L	04/17/2008	N001	0	-	0	0.26		F	#	0.000095	
Benzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Beryllium	mg/L	04/17/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Bromobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-7-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromodichloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromoform	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Cadmium	mg/L	04/17/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Carbon Disulfide	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Carbon tetrachloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorobenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorodibromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloroethane	ug/L	04/17/2008	N001	0	-	0	0.21	U	F	#	0.21	
Chloroform	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chromium	mg/L	04/17/2008	N001	0	-	0	0.00057	U	F	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	1.2		F	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dibromomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dichlorodifluoromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Ethylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-7-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/17/2008	N001	0	-	0	0.24	U	F	#	0.24	
Iodomethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Isopropylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Lead	mg/L	04/17/2008	N001	0	-	0	0.000043	B	UF	#	0.0005	
m,p-Xylene	ug/L	04/17/2008	N001	0	-	0	0.24	U	F	#	0.24	
Mercury	mg/L	04/17/2008	N001	0	-	0	0.000014	B	F	#	0.0000095	
Methylene chloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Propylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Naphthalene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Nickel	mg/L	04/17/2008	N001	0	-	0	0.02	U	F	#	0.02	
o-Xylene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Oxidation Reduction Potential	mV	04/17/2008	N001	0	-	0	-205		F	#		
p-Isopropyltoluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
pH	s.u.	04/17/2008	N001	0	-	0	5.83		F	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
sec-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Selenium	mg/L	04/17/2008	N001	0	-	0	0.0002		F	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-7-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/17/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/17/2008	N001	0	-	0	849		F	#		
Styrene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Temperature	C	04/17/2008	N001	0	-	0	19.56		F	#		
tert-Butylbenzene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Tetrachloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Toluene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,3-dichloropropene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichloroethene	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichlorofluoromethane	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Turbidity	NTU	04/17/2008	N001	0	-	0	3.42		F	#		
Vinyl Acetate	ug/L	04/17/2008	N001	0	-	0	0.69	U	F	#	0.69	
Vinyl chloride	ug/L	04/17/2008	N001	0	-	0	0.17	U	F	#	0.17	
Zinc	mg/L	04/17/2008	N001	0	-	0	0.0016	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA1-8-L WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/16/2008	N001	0	-	0	102		F	#		
Antimony	mg/L	04/16/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Arsenic	mg/L	04/16/2008	N001	0	-	0	0.0082		F	#	0.000022	
Barium	mg/L	04/16/2008	N001	0	-	0	0.23		F	#	0.000095	
Beryllium	mg/L	04/16/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Cadmium	mg/L	04/16/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Chromium	mg/L	04/16/2008	N001	0	-	0	0.00057	U	F	#	0.00057	
Lead	mg/L	04/16/2008	N001	0	-	0	0.000038	B	UF	#	0.0005	
Mercury	mg/L	04/16/2008	N001	0	-	0	0.000016	B	F	#	0.0000095	
Nickel	mg/L	04/16/2008	N001	0	-	0	0.02	U	F	#	0.02	
Oxidation Reduction Potential	mV	04/16/2008	N001	0	-	0	-67		F	#		
pH	s.u.	04/16/2008	N001	0	-	0	6.74		F	#		
Selenium	mg/L	04/16/2008	N001	0	-	0	0.00004	U	F	#	0.00004	
Silver	mg/L	04/16/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/16/2008	N001	0	-	0	206		F	#		
Temperature	C	04/16/2008	N001	0	-	0	20.6		F	#		
Turbidity	NTU	04/16/2008	N001	0	-	0	4.32		F	#		
Zinc	mg/L	04/16/2008	N001	0	-	0	0.038		F	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA2-1-L WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/17/2008	N001	0	-	0	93		F	#		
Antimony	mg/L	04/17/2008	N001	0	-	0	0.00032		F	#	0.0003	
Arsenic	mg/L	04/17/2008	N001	0	-	0	0.0096		F	#	0.000022	
Barium	mg/L	04/17/2008	N001	0	-	0	0.065		F	#	0.000095	
Beryllium	mg/L	04/17/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Cadmium	mg/L	04/17/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Chromium	mg/L	04/17/2008	N001	0	-	0	0.00057	U	F	#	0.00057	
Lead	mg/L	04/17/2008	N001	0	-	0	0.00048	B	F	#	0.0005	
Mercury	mg/L	04/17/2008	N001	0	-	0	0.000015	B	F	#	0.0000095	
Nickel	mg/L	04/17/2008	N001	0	-	0	0.02	U	F	#	0.02	
Oxidation Reduction Potential	mV	04/17/2008	N001	0	-	0	46		F	#		
pH	s.u.	04/17/2008	N001	0	-	0	8.87		F	#		
Selenium	mg/L	04/17/2008	N001	0	-	0	0.00016		UF	#	0.00004	
Silver	mg/L	04/17/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/17/2008	N001	0	-	0	315		F	#		
Temperature	C	04/17/2008	N001	0	-	0	19.8		F	#		
Turbidity	NTU	04/17/2008	N001	0	-	0	1.62		F	#		
Zinc	mg/L	04/17/2008	N001	0	-	0	0.02	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA2-2-L WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/17/2008	N001	0	-	0	1405		FQ	#		
Antimony	mg/L	04/17/2008	N001	0	-	0	0.0022		FQ	#	0.0003	
Arsenic	mg/L	04/17/2008	N001	0	-	0	0.00058		FQ	#	0.000022	
Barium	mg/L	04/17/2008	N001	0	-	0	0.69		FQ	#	0.000095	
Beryllium	mg/L	04/17/2008	N001	0	-	0	0.00042	U	FQ	#	0.00042	
Cadmium	mg/L	04/17/2008	N001	0	-	0	0.0003	U	FQ	#	0.0003	
Chromium	mg/L	04/17/2008	N001	0	-	0	0.012		FQ	#	0.00057	
Lead	mg/L	04/17/2008	N001	0	-	0	0.013		FQ	#	0.0005	
Mercury	mg/L	04/17/2008	N001	0	-	0	0.000013	B	FQ	#	0.0000095	
Nickel	mg/L	04/17/2008	N001	0	-	0	0.02	U	FQ	#	0.02	
Oxidation Reduction Potential	mV	04/17/2008	N001	0	-	0	-114		FQ	#		
pH	s.u.	04/17/2008	N001	0	-	0	12.23		FQ	#		
Selenium	mg/L	04/17/2008	N001	0	-	0	0.00014		UFQ	#	0.00004	
Silver	mg/L	04/17/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/17/2008	N001	0	-	0	6053		FQ	#		
Temperature	C	04/17/2008	N001	0	-	0	20.6		FQ	#		
Turbidity	NTU	04/17/2008	N001	0	-	0	4.63		FQ	#		
Zinc	mg/L	04/17/2008	N001	0	-	0	0.012	B	UFQ	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA2-4-L WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/17/2008	N001	0	-	0	82		F	#		
Antimony	mg/L	04/17/2008	N001	0	-	0	0.00025	B	F	#	0.0003	
Arsenic	mg/L	04/17/2008	N001	0	-	0	0.0097		F	#	0.000022	
Barium	mg/L	04/17/2008	N001	0	-	0	0.1		F	#	0.000095	
Beryllium	mg/L	04/17/2008	N001	0	-	0	0.00042	U	F	#	0.00042	
Cadmium	mg/L	04/17/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Chromium	mg/L	04/17/2008	N001	0	-	0	0.00057	U	F	#	0.00057	
Lead	mg/L	04/17/2008	N001	0	-	0	0.0003	B	F	#	0.0005	
Mercury	mg/L	04/17/2008	N001	0	-	0	0.000014	B	F	#	0.0000095	
Nickel	mg/L	04/17/2008	N001	0	-	0	0.02	U	F	#	0.02	
Oxidation Reduction Potential	mV	04/17/2008	N001	0	-	0	-20		F	#		
pH	s.u.	04/17/2008	N001	0	-	0	8.34		F	#		
Selenium	mg/L	04/17/2008	N001	0	-	0	0.000065	B	UF	#	0.00004	
Silver	mg/L	04/17/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/17/2008	N001	0	-	0	288		F	#		
Temperature	C	04/17/2008	N001	0	-	0	20.4		F	#		
Turbidity	NTU	04/17/2008	N001	0	-	0	8.48		F	#		
Zinc	mg/L	04/17/2008	N001	0	-	0	0.011	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA3-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,1,1,2-Tetrachloroethane	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,1,1-Trichloroethane	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,1,2,2-Tetrachloroethane	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,1,2-Trichloroethane	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,1-Dichloroethane	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,1-Dichloroethene	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,1-Dichloropropene	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,2,3-Trichlorobenzene	ug/L	04/16/2008	N001	0 - 0	0.25	U	F	#	0.25	
1,2,3-Trichloropropane	ug/L	04/16/2008	N001	0 - 0	0.38	U	F	#	0.38	
1,2,4-Trichlorobenzene	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,2,4-Trimethylbenzene	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,2-Dibromo-3-chloropropane	ug/L	04/16/2008	N001	0 - 0	0.77	U	F	#	0.77	
1,2-Dibromoethane	ug/L	04/16/2008	N001	0 - 0	0.25	U	F	#	0.25	
1,2-Dichlorobenzene	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,2-Dichloroethane	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,2-Dichloropropane	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	
1,3,5-Trimethylbenzene	ug/L	04/16/2008	N001	0 - 0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA3-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
1,3-Dichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,3-Dichloropropane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1,4-Dichlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
1-Chlorohexane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
2,2-Dichloropropane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Butanone	ug/L	04/16/2008	N001	0	-	0	2.4	U	F	#	2.4	
2-Chlorotoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
2-Hexanone	ug/L	04/16/2008	N001	0	-	0	3.3	U	F	#	3.3	
4-Chlorotoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
4-Methyl-2-Pentanone	ug/L	04/16/2008	N001	0	-	0	1.7	U	F	#	1.7	
Acetone	ug/L	04/16/2008	N001	0	-	0	3.3	U	F	#	3.3	
Alkalinity, Total (As CaCO3)	mg/L	04/16/2008	N001	0	-	0	113		F	#		
Antimony	mg/L	04/16/2008	N001	0	-	0	0.0003	U	F	#	0.0003	
Arsenic	mg/L	04/16/2008	N001	0	-	0	0.00031		F	#	0.000022	
Barium	mg/L	04/16/2008	N001	0	-	0	0.33		F	#	0.000095	
Benzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Beryllium	mg/L	04/16/2008	N001	0	-	0	0.00068	B	UF	#	0.00042	
Bromobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA3-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Bromochloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromodichloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromoform	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Bromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Cadmium	mg/L	04/16/2008	N001	0	-	0	0.000082	B	UF	#	0.0003	
Carbon Disulfide	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Carbon tetrachloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorobenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chlorodibromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloroethane	ug/L	04/16/2008	N001	0	-	0	0.21	U	F	#	0.21	
Chloroform	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chloromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Chromium	mg/L	04/16/2008	N001	0	-	0	0.00057	U	F	#	0.00057	
cis-1,2-Dichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
cis-1,3-Dichloropropene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dibromomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Dichlorodifluoromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Ethylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA3-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Hexachlorobutadiene	ug/L	04/16/2008	N001	0	-	0	0.24	U	F	#	0.24	
Iodomethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Isopropylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Lead	mg/L	04/16/2008	N001	0	-	0	0.000064	B	UF	#	0.0005	
m,p-Xylene	ug/L	04/16/2008	N001	0	-	0	0.24	U	F	#	0.24	
Mercury	mg/L	04/16/2008	N001	0	-	0	0.000013	B	F	#	0.0000095	
Methylene chloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
n-Propylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Naphthalene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Nickel	mg/L	04/16/2008	N001	0	-	0	0.001	B	UF	#	0.02	
o-Xylene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Oxidation Reduction Potential	mV	04/16/2008	N001	0	-	0	185		F	#		
p-Isopropyltoluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
pH	s.u.	04/16/2008	N001	0	-	0	6.01		F	#		
Propane, 2-methoxy-2-methyl-	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
sec-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Selenium	mg/L	04/16/2008	N001	0	-	0	0.000053	B	UF	#	0.00004	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA3-4-H WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Silver	mg/L	04/16/2008	N001	0	-	0	0.01	U	F	#	0.01	
Specific Conductance	umhos /cm	04/16/2008	N001	0	-	0	348		F	#		
Styrene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Temperature	C	04/16/2008	N001	0	-	0	17.9		F	#		
tert-Butylbenzene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Tetrachloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Toluene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,2-Dichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
trans-1,3-dichloropropene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichloroethene	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Trichlorofluoromethane	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Turbidity	NTU	04/16/2008	N001	0	-	0	2.51		F	#		
Vinyl Acetate	ug/L	04/16/2008	N001	0	-	0	0.69	U	F	#	0.69	
Vinyl chloride	ug/L	04/16/2008	N001	0	-	0	0.17	U	F	#	0.17	
Zinc	mg/L	04/16/2008	N001	0	-	0	0.006	B	UF	#	0.0012	

Groundwater Quality Data by Location (USEE100) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: SA4-5-L WELL

Parameter	Units	Sample Date	Sample ID	Depth Range (Ft BLS)			Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/16/2008	N001	0	-	0	1044		FQ	#		
Antimony	mg/L	04/16/2008	N001	0	-	0	0.00065		FQ	#	0.0003	
Arsenic	mg/L	04/16/2008	N001	0	-	0	0.000076	B	FQ	#	0.000022	
Barium	mg/L	04/16/2008	N001	0	-	0	2.1		FQ	#	0.000095	
Beryllium	mg/L	04/16/2008	N001	0	-	0	0.0007	B	FQ	#	0.00042	
Cadmium	mg/L	04/16/2008	N001	0	-	0	0.000077	B	UFQ	#	0.0003	
Chromium	mg/L	04/16/2008	N001	0	-	0	0.032		FQ	#	0.00057	
Lead	mg/L	04/16/2008	N001	0	-	0	0.0038		FQ	#	0.0005	
Mercury	mg/L	04/16/2008	N001	0	-	0	0.000011	B	FQ	#	0.0000095	
Nickel	mg/L	04/16/2008	N001	0	-	0	0.0008	B	UFQ	#	0.02	
Oxidation Reduction Potential	mV	04/16/2008	N001	0	-	0	-152		FQ	#		
pH	s.u.	04/16/2008	N001	0	-	0	12.02		FQ	#		
Selenium	mg/L	04/16/2008	N001	0	-	0	0.00014		UFQ	#	0.00004	
Silver	mg/L	04/16/2008	N001	0	-	0	0.01	U	FQ	#	0.01	
Specific Conductance	umhos /cm	04/16/2008	N001	0	-	0	4660		FQ	#		
Temperature	C	04/16/2008	N001	0	-	0	21.4		FQ	#		
Turbidity	NTU	04/16/2008	N001	0	-	0	0.38		FQ	#		
Zinc	mg/L	04/16/2008	N001	0	-	0	0.16		FQ	#	0.0012	

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
C	Pesticide result confirmed by GC-MS.
D	Analyte determined in diluted sample.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
J	Estimated
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
P	> 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X,Y,Z	Laboratory defined qualifier, see case narrative.

DATA QUALIFIERS:

F Low flow sampling method used.	G Possible grout contamination, pH > 9.	J Estimated value.
L Less than 3 bore volumes purged prior to sampling.	Q Qualitative result due to sampling technique.	R Unusable result.
U Parameter analyzed for but was not detected.	X Location is undefined.	

QA QUALIFIER:

#	Validated according to quality assurance guidelines.

Surface Water Quality Data

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Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: Grantham Ck Entry SURFACE LOCATION

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/16/2008	N001	5			#		
Antimony	mg/L	04/16/2008	N001	0.000055	B		#	0.0003	
Arsenic	mg/L	04/16/2008	N001	0.00026			#	0.000022	
Barium	mg/L	04/16/2008	N001	0.032			#	0.000095	
Beryllium	mg/L	04/16/2008	N001	0.00042	U		#	0.00042	
Cadmium	mg/L	04/16/2008	N001	0.00006	B		#	0.0003	
Chromium	mg/L	04/16/2008	N001	0.00057	U		#	0.00057	
Lead	mg/L	04/16/2008	N001	0.00028	B	U	#	0.0005	
Mercury	mg/L	04/16/2008	N001	0.000015	B		#	0.0000095	
Nickel	mg/L	04/16/2008	N001	0.02	U		#	0.02	
Oxidation Reduction Potential	mV	04/16/2008	N001	-25			#		
pH	s.u.	04/16/2008	N001	7.02			#		
Selenium	mg/L	04/16/2008	N001	0.000052	B		#	0.00004	
Silver	mg/L	04/16/2008	N001	0.01	U		#	0.01	
Specific Conductance	umhos/cm	04/16/2008	N001	39			#		
Temperature	C	04/16/2008	N001	13.1			#		
Turbidity	NTU	04/16/2008	N001	3.79			#		
Zinc	mg/L	04/16/2008	N001	0.0094	B	U	#	0.0012	

Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HALFMOON CREEK SURFACE LOCATION

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	1			#		
Antimony	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0.00019			#	0.000022	
Barium	mg/L	04/15/2008	N001	0.03			#	0.000095	
Beryllium	mg/L	04/15/2008	N001	0.00042	U		#	0.00042	
Cadmium	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Chromium	mg/L	04/15/2008	N001	0.00057	U		#	0.00057	
Lead	mg/L	04/15/2008	N001	0.00023	B		#	0.0005	
Mercury	mg/L	04/15/2008	N001	0.000015	B		#	0.0000095	
Nickel	mg/L	04/15/2008	N001	0.02	U		#	0.02	
Oxidation Reduction Potential	mV	04/15/2008	N001	-107			#		
pH	s.u.	04/15/2008	N001	6.23			#		
Selenium	mg/L	04/15/2008	N001	0.000057	B		#	0.00004	
Silver	mg/L	04/15/2008	N001	0.01	U		#	0.01	
Specific Conductance	umhos/cm	04/15/2008	N001	37			#		
Temperature	C	04/15/2008	N001	13.5			#		
Turbidity	NTU	04/15/2008	N001	6.1			#		
Zinc	mg/L	04/15/2008	N001	0.0027	B	U	#	0.0012	

Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: HALFMOONCRKOVERFLOW SURFACE LOCATION

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	51			#		
Antimony	mg/L	04/15/2008	N001	0.000094	B		#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0.0017			#	0.000022	
Barium	mg/L	04/15/2008	N001	0.09			#	0.000095	
Beryllium	mg/L	04/15/2008	N001	0.00042	U		#	0.00042	
Cadmium	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Chromium	mg/L	04/15/2008	N001	0.0064			#	0.00057	
Lead	mg/L	04/15/2008	N001	0.00067		U	#	0.0005	
Mercury	mg/L	04/15/2008	N001	0.000024	B		#	0.0000095	
Nickel	mg/L	04/15/2008	N001	0.0013	B	U	#	0.02	
Oxidation Reduction Potential	mV	04/15/2008	N001	-159			#		
pH	s.u.	04/15/2008	N001	5.54			#		
Selenium	mg/L	04/15/2008	N001	0.00013			#	0.00004	
Silver	mg/L	04/15/2008	N001	0.0011	B	U	#	0.01	
Specific Conductance	umhos/cm	04/15/2008	N001	316			#		
Temperature	C	04/15/2008	N001	12.09			#		
Turbidity	NTU	04/15/2008	N001	24.3			#		
Zinc	mg/L	04/15/2008	N001	0.0036	B	U	#	0.0012	

Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: Half Moon Ck Exit SURFACE LOCATION

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	5			#		
Antimony	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0.00018			#	0.000022	
Barium	mg/L	04/15/2008	N001	0.031			#	0.000095	
Beryllium	mg/L	04/15/2008	N001	0.00042	U		#	0.00042	
Cadmium	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Chromium	mg/L	04/15/2008	N001	0.0013	B		#	0.00057	
Lead	mg/L	04/15/2008	N001	0.00025	B	U	#	0.0005	
Mercury	mg/L	04/15/2008	N001	0.000015	B		#	0.0000095	
Nickel	mg/L	04/15/2008	N001	0.02	U		#	0.02	
Oxidation Reduction Potential	mV	04/15/2008	N001	-85			#		
pH	s.u.	04/15/2008	N001	6.82			#		
Selenium	mg/L	04/15/2008	N001	0.000057	B		#	0.00004	
Silver	mg/L	04/15/2008	N001	0.01	U		#	0.01	
Specific Conductance	umhos/cm	04/15/2008	N001	32			#		
Temperature	C	04/15/2008	N001	13.14			#		
Turbidity	NTU	04/15/2008	N001	6.93			#		
Zinc	mg/L	04/15/2008	N001	0.0075	B	U	#	0.0012	

Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site

REPORT DATE: 7/16/2008

Location: HickHCrTSD-East SURFACE LOCATION Replaced proposed Hick Hollow Ck Entry sample location due to problems with access.

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/16/2008	N001	2			#		
Antimony	mg/L	04/16/2008	N001	0.00039			#	0.0003	
Arsenic	mg/L	04/16/2008	N001	0.000061	B		#	0.000022	
Barium	mg/L	04/16/2008	N001	0.032			#	0.000095	
Beryllium	mg/L	04/16/2008	N001	0.00064	B		#	0.00042	
Cadmium	mg/L	04/16/2008	N001	0.0003	U		#	0.0003	
Chromium	mg/L	04/16/2008	N001	0.00057	U		#	0.00057	
Lead	mg/L	04/16/2008	N001	0.00016	B		#	0.0005	
Mercury	mg/L	04/16/2008	N001	0.000011	B		#	0.0000095	
Nickel	mg/L	04/16/2008	N001	0.02	U		#	0.02	
Oxidation Reduction Potential	mV	04/16/2008	N001	270			#		
pH	s.u.	04/16/2008	N001	7.42			#		
Selenium	mg/L	04/16/2008	N001	0.000047	B	U	#	0.00004	
Silver	mg/L	04/16/2008	N001	0.01	U		#	0.01	
Specific Conductance	umhos/cm	04/16/2008	N001	97			#		
Temperature	C	04/16/2008	N001	17.1			#		
Turbidity	NTU	04/16/2008	N001	2.02			#		
Zinc	mg/L	04/16/2008	N001	0.015	B	U	#	0.0012	

Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: Pond West of GZ SURFACE LOCATION

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	15			#		
Antimony	mg/L	04/15/2008	N001	0.000067	B		#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0.00076			#	0.000022	
Barium	mg/L	04/15/2008	N001	0.042			#	0.000095	
Beryllium	mg/L	04/15/2008	N001	0.00042	U		#	0.00042	
Cadmium	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Chromium	mg/L	04/15/2008	N001	0.0017	B		#	0.00057	
Lead	mg/L	04/15/2008	N001	0.0018			#	0.0005	
Mercury	mg/L	04/15/2008	N001	0.000013	B		#	0.0000095	
Nickel	mg/L	04/15/2008	N001	0.02	U		#	0.02	
Oxidation Reduction Potential	mV	04/15/2008	N001	-110			#		
pH	s.u.	04/15/2008	N001	6.2			#		
Selenium	mg/L	04/15/2008	N001	0.000066	B		#	0.00004	
Silver	mg/L	04/15/2008	N001	0.01	U		#	0.01	
Specific Conductance	umhos/cm	04/15/2008	N001	96			#		
Temperature	C	04/15/2008	N001	12.9			#		
Turbidity	NTU	04/15/2008	N001	21			#		
Zinc	mg/L	04/15/2008	N001	0.0052	B	U	#	0.0012	

Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: Reeco Pit (A) SURFACE LOCATION

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	8			#		
Antimony	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0.00027			#	0.000022	
Barium	mg/L	04/15/2008	N001	0.038			#	0.000095	
Beryllium	mg/L	04/15/2008	N001	0.00042	U		#	0.00042	
Cadmium	mg/L	04/15/2008	N001	0.000055	B		#	0.0003	
Chromium	mg/L	04/15/2008	N001	0.00083	B		#	0.00057	
Lead	mg/L	04/15/2008	N001	0.00044	B	U	#	0.0005	
Mercury	mg/L	04/15/2008	N001	0.000023	B		#	0.0000095	
Nickel	mg/L	04/15/2008	N001	0.02	U		#	0.02	
Oxidation Reduction Potential	mV	04/15/2008	N001	-66			#		
pH	s.u.	04/15/2008	N001	5.96			#		
Selenium	mg/L	04/15/2008	N001	0.000061	B		#	0.00004	
Silver	mg/L	04/15/2008	N001	0.01	U		#	0.01	
Specific Conductance	umhos/cm	04/15/2008	N001	55			#		
Temperature	C	04/15/2008	N001	12.5			#		
Turbidity	NTU	04/15/2008	N001	8.99			#		
Zinc	mg/L	04/15/2008	N001	0.0055	B	U	#	0.0012	

Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: Reeco Pit (B) SURFACE LOCATION

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	53			#		
Antimony	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0.00052			#	0.000022	
Barium	mg/L	04/15/2008	N001	0.041			#	0.000095	
Beryllium	mg/L	04/15/2008	N001	0.00042	U		#	0.00042	
Cadmium	mg/L	04/15/2008	N001	0.000062	B		#	0.0003	
Chromium	mg/L	04/15/2008	N001	0.004			#	0.00057	
Lead	mg/L	04/15/2008	N001	0.001			#	0.0005	
Mercury	mg/L	04/15/2008	N001	0.000021	B		#	0.0000095	
Nickel	mg/L	04/15/2008	N001	0.02	U		#	0.02	
Oxidation Reduction Potential	mV	04/15/2008	N001	-48			#		
pH	s.u.	04/15/2008	N001	6.15			#		
Selenium	mg/L	04/15/2008	N001	0.000068	B		#	0.00004	
Silver	mg/L	04/15/2008	N001	0.01	U		#	0.01	
Specific Conductance	umhos/cm	04/15/2008	N001	109			#		
Temperature	C	04/15/2008	N001	12.4			#		
Turbidity	NTU	04/15/2008	N001	20			#		
Zinc	mg/L	04/15/2008	N001	0.0096	B	U	#	0.0012	

Surface Water Quality Data by Location (USEE102) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008
Location: Reeco Pit (C) SURFACE LOCATION

Parameter	Units	Sample Date	Sample ID	Result	Qualifiers Lab	Qualifiers Data	Qualifiers QA	Detection Limit	Uncertainty
Alkalinity, Total (As CaCO3)	mg/L	04/15/2008	N001	15			#		
Antimony	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Arsenic	mg/L	04/15/2008	N001	0.0004			#	0.000022	
Barium	mg/L	04/15/2008	N001	0.039			#	0.000095	
Beryllium	mg/L	04/15/2008	N001	0.00042	U		#	0.00042	
Cadmium	mg/L	04/15/2008	N001	0.0003	U		#	0.0003	
Chromium	mg/L	04/15/2008	N001	0.0034			#	0.00057	
Lead	mg/L	04/15/2008	N001	0.00084		U	#	0.0005	
Mercury	mg/L	04/15/2008	N001	0.000028	B		#	0.0000095	
Nickel	mg/L	04/15/2008	N001	0.02	U		#	0.02	
Oxidation Reduction Potential	mV	04/15/2008	N001	-65			#		
pH	s.u.	04/15/2008	N001	6.61			#		
Selenium	mg/L	04/15/2008	N001	0.000063	B		#	0.00004	
Silver	mg/L	04/15/2008	N001	0.01	U		#	0.01	
Specific Conductance	umhos/cm	04/15/2008	N001	132			#		
Temperature	C	04/15/2008	N001	12			#		
Turbidity	NTU	04/15/2008	N001	23.3			#		
Zinc	mg/L	04/15/2008	N001	0.0097	B	U	#	0.0012	

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:

*	Replicate analysis not within control limits.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
C	Pesticide result confirmed by GC-MS.
D	Analyte determined in diluted sample.
E	Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H	Holding time expired, value suspect.
I	Increased detection limit due to required dilution.
J	Estimated
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).
P	> 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
U	Analytical result below detection limit.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X,Y,Z	Laboratory defined qualifier, see case narrative.

DATA QUALIFIERS:

F Low flow sampling method used.	G Possible grout contamination, pH > 9.	J Estimated value.
L Less than 3 bore volumes purged prior to sampling.	Q Qualitative result due to sampling technique.	R Unusable result.
U Parameter analyzed for but was not detected.	X Location is undefined.	

QA QUALIFIER:

#	Validated according to quality assurance guidelines.

Equipment Blank Data

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BLANKS REPORT
LAB: PARAGON (Fort Collins, CO)
RIN: 08031475
Report Date: 7/16/2008

Parameter	Site Code	Location ID	Sample Date	ID	Units	Result	Qualifiers Lab	Qualifiers Data	Detection Limit	Uncertainty	Sample Type
1,1,1,2-Tetrachloroethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,1,1-Trichloroethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,1,2,2-Tetrachloroethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,1,2-Trichloro-1,2,2-trifluoroethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,1,2-Trichloroethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,1-Dichloroethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,1-Dichloroethene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,1-Dichloropropene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,2,3-Trichlorobenzene	SAL01	0999	04/14/2008	N001	ug/L	0.25	U		0.25		TB
1,2,3-Trichloropropane	SAL01	0999	04/14/2008	N001	ug/L	0.38	U		0.38		TB
1,2,4-Trichlorobenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,2,4-Trimethylbenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,2-Dibromo-3-chloropropane	SAL01	0999	04/14/2008	N001	ug/L	0.77	U		0.77		TB
1,2-Dibromoethane	SAL01	0999	04/14/2008	N001	ug/L	0.25	U		0.25		TB
1,2-Dichlorobenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,2-Dichloroethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,2-Dichloropropane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,3,5-Trimethylbenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,3-Dichlorobenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB

BLANKS REPORT
LAB: PARAGON (Fort Collins, CO)
RIN: 08031475
Report Date: 7/16/2008

Parameter	Site Code	Location ID	Sample Date	ID	Units	Result	Qualifiers Lab	Qualifiers Data	Detection Limit	Uncertainty	Sample Type
1,3-Dichloropropane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1,4-Dichlorobenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
1-Chlorohexane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
2,2-Dichloropropane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
2-Butanone	SAL01	0999	04/14/2008	N001	ug/L	2.4	U		2.4		TB
2-Chlorotoluene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
2-Hexanone	SAL01	0999	04/14/2008	N001	ug/L	3.3	U		3.3		TB
4-Chlorotoluene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
4-Methyl-2-Pentanone	SAL01	0999	04/14/2008	N001	ug/L	1.7	U		1.7		TB
Acetone	SAL01	0999	04/14/2008	N001	ug/L	4.9	J		3.3		TB
Benzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Bromobenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Bromochloromethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Bromodichloromethane	SAL01	0999	04/14/2008	N001	ug/L	0.2	J		0.17		TB
Bromoform	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Bromomethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Carbon Disulfide	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Carbon tetrachloride	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Chlorobenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB

BLANKS REPORT
LAB: PARAGON (Fort Collins, CO)
RIN: 08031475
Report Date: 7/16/2008

Parameter	Site Code	Location ID	Sample Date	ID	Units	Result	Qualifiers Lab	Qualifiers Data	Detection Limit	Uncertainty	Sample Type
Chlorodibromomethane	SAL01	0999	04/14/2008	N001	ug/L	0.21	J		0.17		TB
Chloroethane	SAL01	0999	04/14/2008	N001	ug/L	0.21	U		0.21		TB
Chloroform	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Chloromethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
cis-1,2-Dichloroethene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
cis-1,3-Dichloropropene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Dibromomethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Dichlorodifluoromethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Ethylbenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Hexachlorobutadiene	SAL01	0999	04/14/2008	N001	ug/L	0.24	U		0.24		TB
Iodomethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Isopropylbenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
m,p-Xylene	SAL01	0999	04/14/2008	N001	ug/L	0.24	U		0.24		TB
Methylene chloride	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
n-Butylbenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
n-Propylbenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Naphthalene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
o-Xylene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
p-Isopropyltoluene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB

BLANKS REPORT
LAB: PARAGON (Fort Collins, CO)
RIN: 08031475
Report Date: 7/16/2008

Parameter	Site Code	Location ID	Sample Date	ID	Units	Result	Qualifiers Lab	Qualifiers Data	Detection Limit	Uncertainty	Sample Type
Propane, 2-methoxy-2-methyl-	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
sec-Butylbenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Styrene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
tert-Butylbenzene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Tetrachloroethene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Toluene	SAL01	0999	04/14/2008	N001	ug/L	0.23	J		0.17		TB
trans-1,2-Dichloroethene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
trans-1,3-dichloropropene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Trichloroethene	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Trichlorofluoromethane	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB
Vinyl Acetate	SAL01	0999	04/14/2008	N001	ug/L	0.69	U		0.69		TB
Vinyl chloride	SAL01	0999	04/14/2008	N001	ug/L	0.17	U		0.17		TB

SAMPLE ID CODES: 000X = Filtered sample (0.45 µm). N00X = Unfiltered sample. X = replicate number.

LAB QUALIFIERS:
* Replicate analysis not within control limits.
> Result above upper detection limit.
A TIC is a suspected aldol-condensation product.
B Inorganic: Result is between the IDL and CRDL. Organic: Analyte also found in method blank.
C Pesticide result confirmed by GC-MS.
D Analyte determined in diluted sample.
E Inorganic: Estimate value because of interference, see case narrative. Organic: Analyte exceeded calibration range of the GC-MS.
H Holding time expired, value suspect.
I Increased detection limit due to required dilution.
J Estimated
N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compound (TIC).

P > 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
U Analytical result below detection limit.
W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X,Y,Z Laboratory defined qualifier, see case narrative.

DATA QUALIFIERS:

F Low flow sampling method used.
G Possible grout contamination, pH > 9.
J Estimated value.
L Less than 3 bore volumes purged prior to sampling.
Q Qualitative result due to sampling technique.
R Unusable result.
U Parameter analyzed for but was not detected.
X Location is undefined.

SAMPLE TYPES:

E Equipment Blank.

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Static Water Level Data

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STATIC WATER LEVELS (USEE700) FOR SITE SAL01, Salmon Site
REPORT DATE: 7/16/2008

Location Code	Flow Code	Top of Casing Elevation (Ft)	Measurement Date	Measurement Time	Depth From Top of Casing (Ft)	Water Elevation (Ft)	Water Level Flag
E-7		260	04/17/2008	16:50:00	138.69	121.31	
HM-1		243.6	04/17/2008	15:42:00	97.02	146.58	
HM-2A		243.57	04/17/2008	15:48:00	115.67	127.9	
HM-2B		243.47	04/17/2008	15:46:00	123.95	119.52	
HM-3		240.35	04/17/2008	15:50:00	121.35	119	
HM-L		242.35	04/17/2008	15:54:00	91.6	150.75	
HM-L2		252.59	04/17/2008	17:03:00	98.13	154.46	
HM-S		-9999	04/17/2008	15:52:00	8.35	-10007.35	
HMH-16R		243.51	04/17/2008	16:18:00	5.58	237.93	
HMH-5R		239.44	04/17/2008	09:26:00	4.62	234.82	
SA1-1-H		242.26	04/17/2008	15:56:00	6.6	235.66	
SA1-11-3		250.13	04/17/2008	15:33:00	131	119.13	
SA1-12-H		241.4	04/17/2008	14:56:00	7.14	234.26	
SA1-2-H		243.06	04/17/2008	15:58:00	7.36	235.7	
SA1-3-H		241.95	04/17/2008	16:05:00	6.07	235.88	
SA1-4-H		242.14	04/17/2008	16:07:00	5.66	236.48	
SA1-5-H		243.51	04/17/2008	16:02:00	6.83	236.68	
SA1-6-H		241.91	04/17/2008	15:07:00	5.07	236.84	
SA1-7-H		243.05	04/17/2008	11:42:00	6.12	236.93	
SA1-8-L		251.51	04/17/2008	15:28:00	94.72	156.79	
SA2-1-L		335.75	04/17/2008	09:00:00	178.84	156.91	
SA2-2-L		325.79	04/17/2008	10:42:00	168.94	156.85	
SA2-4-L		290.61	04/17/2008	11:24:00	133.48	157.13	
SA3-11-3		253.42	04/17/2008	16:43:00	135.37	118.05	
SA4-5-L		267.21	04/17/2008	16:55:00	113.04	154.17	
SA5-5-4		301.05	04/17/2008	13:30:00	160.34	140.71	

FLOW CODES: B BACKGROUND C CROSS GRADIENT D DOWN GRADIENT F OFF SITE
N UNKNOWN O ON SITE U UPGRADIENT

WATER LEVEL FLAGS: D Dry F FLOWING

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Attachment 2
Sampling and Analysis Work Order

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Stoller

established 1959

Task Order LM00-502-07-620
Control Number 08-0131

April 9, 2008

U.S. Department of Energy/LM-20
Office of Legacy Management/MS: 95-L
ATTN: Jack Craig
P.O. Box 10940
Pittsburgh, PA 15236-0940

SUBJECT: Contract No. DE-AM01-07LM00060, Stoller
April 2008 Environmental Sampling at Salmon, Mississippi

Reference: LM00 502 07-620-402, Salmon, MS, Site

Dear Mr. Craig:

The purpose of this letter is to inform you of the upcoming sampling event at Salmon, Mississippi. Enclosed are the map and tables specifying sample locations and analytes for routine monitoring. Water quality data will be collected from monitor wells, municipal water supply wells, and surface locations at this site as part of the routine environmental sampling scheduled to begin the week of April 14, 2008.

The following lists show the well and surface locations scheduled for sampling during this event. Please note that the sample location identifiers are shown as defined in SEEPro.

Monitor Wells

SA1 1 H	SA1 5 H	HMH-5R	HM-1.	HM-3	SA2-4-I.	HM-1.9
SA1-2-H	SA1-6-H	HMH-16R	HM-1	SA1-11-3	SA3-4-H	SA4-5-L
SA1 3 H	SA1 7 H	HM-5	HM-2A	SA2-1-I.	P-7	SA5-4-4
SA1-4-H	SA1-12-H	SA1-8-L	HM-2B	SA2-2-L	SA3-11-3	SA5-5-4

Municipal Water Supply Wells

Bx. Cty WL #370007-04	Greenville Community	Lumberton Cty WL #2
Purvis Cty Supply WL	Thompson's Blue Stor	

Surface Water

Halfmoon Creek	Pond west of GZ	REECo Pit (B)	B.R. Anderson Pond
HalfmoonCrkOverflow	REECo Pit (A)	REECo Pit (C)	James Lowe Pond
Lower Little Crk #1	Lower Little Crk #2	Nubley Pond	Smith, Howard - Pond
Half Moon Ck Entry	Half Moon Ck Exit	Grantham Ck Entry	Hick Hollow Ck Entry

All samples will be collected as directed in the *Sampling and Analysis Plan for U.S. Department of Energy Office of Legacy Management*.

Constituent Sampling Breakdown

Site	Salmon					
Analyte	**Groundwater**	**Surface Water**	**Water Supply**	**Required Detection Limit (mg/L)**	**Analytical Method**	**Line Item Code**
Approx. No. Samples/yr	28	12	6			
Field Measurements						
Alkalinity						
Dissolved Oxygen						
Redox Potential						
pH	X	X	X			
Specific Conductance	X	X	X			
Turbidity						
Temperature	X	X	X			
Laboratory Measurements						
Antimony	Selected wells only	Selected locations only		0.003	SW-846 6020	LMM-02
Arsenic	Selected wells only	Selected locations only		0.0001	SW-846 6020	LMM-02
Barium	Selected wells only	Selected locations only		0.1	SW-846 6010	LMM-01
Beryllium	Selected wells only	Selected locations only		0.0008	SW-846 6010	LMM-01
Cadmium	Selected wells only	Selected locations only		0.001	SW-846 6020	LMM-02
Chromium	Selected wells only	Selected locations only		0.002	SW-846 6010	LMM-01
Gamma Spec	Selected wells only	Selected locations only	X	10 pCi/L	Gamma Spectrometry	GAM-A-001
Lead	Selected wells only	Selected locations only		0.002	SW-846 6020	LMM-02
Mercury	Selected wells only	Selected locations only		0.0001	SW-846 7470	LMM-01
Nickel	Selected wells only	Selected locations only		0.02	SW-846 6010	LMM-01
Selenium	Selected wells only	Selected locations only		0.0001	SW-846 6020	LMM-02
Silver	Selected wells only	Selected locations only		0.001	SW-846 6020	LMM-02
Tritium	X	X	X	400 pCi/L	Liquid Scintillation	LSC-A-001
Tritium, enriched;	25% of the samples	25% of the samples	25% of the samples	10 pCi/L	Liquid Scintillation	LMR-15
VOCs	Selected wells only			0.001	SW-846 8260, Low Level	LMV-05
Zinc	Selected wells only	Selected locations only		0.02	SW-846 6010	LMM-01
Total No. of Analytes	16	15	3			

Note: All analyte samples are considered unfiltered unless stated otherwise. All private well samples are to be unfiltered. The total number of analytes does not include field parameters.

Attachment 3
Trip Report

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Stoller established 1959
Grand Junction Office

Memorandum

Control Number N/A

DATE: May 14, 2008

TO: Rick Hutton

FROM: Jeff Walters

SUBJECT: Trip Report

Site: Salmon, MS

Dates of Sampling Event: April 13 through April 19, 2008

Sampling and Inspection Team Members: Gretchen Baer, Jack Duray, Jeff Price, Jeff Walters and Karl Barber (State of MS).

Telemetry: Stan Morrison

Others: Billy Wait (Wait Engineering)/Sean Burns (ECS Engineering Consultants, PLLC; surveyor), Charles Barrett and Blake Sylvest , ECS surveyors; Ricky Walker, Wildlife Specialist, USDA/APHIS

Number of Locations Sampled: 48. 54 samples were collected: 28 on-site monitor wells, 9 on-site surface water locations, 6 off-site surface water locations, 5 municipal water supplies (spigot, after treatment), 5 duplicate samples, and 1 trip blank.

Locations Planned but Not Sampled/Reason: 2. Half Moon Creek Entry and Hick Hollow Creek Entry were not collected due to access limitations. Sample HickHCrTSD-East replaced the Hick Hollow Creek Entry sample for this event.

Location Specific Information:

Ticket Number	Sample Date	Location	Description
NFD 276	4/14/08	HM-3	Cat I
NFD 277	4/14/08	HM-2A	Cat I
NFD 278	4/14/08	HM-S	Cat I
NFD 280	4/14/08	HM-L	Cat I
NFD 281	4/14/08	HM-1	Cat I
NFD 282	4/15/08	HM-2B	Cat I
NFD 283	4/15/08	SA1-3-H	Cat I
NFD 284	4/15/08	SA1-4-H	Cat I
NFD 285	4/16/08	SA3-4-H	Cat I
NFD 286	4/16/08	SA3-11-3	Cat I
NFD 287	4/16/08	E-7	Cat I

Ticket Number	Sample Date	Location	Description
NFD 288	4/16/08	SA4-5-L	Cat II
NFD 289	4/16/08	HM-L2	Cat I
NFD 290	4/16/08	SA1-11-3	Cat I
NFD 291	4/16/08	SA1-8-L	Cat I
NFD 292	4/17/08	SA2-1-L	Cat I
NFD 293	4/17/08	SA2-2-L	Cat II
NFD294	4/17/08	SA2-4-L	Cat I
NFD 295	4/17/08	SA1-12-H	Cat I
NFD 001	4/14/08	SA1-1-H	Cat I
NFD 002	4/14/08	SA1-2-H	Cat I
NFD 003	4/14/08	SA1-5-H	Cat I
NFD 004	4/15/08	Half Moon Ck Overflow	Surface Water
NFD 005	4/15/08	Pond West of GZ	Surface Water
NFD 006	4/15/08	Half Moon Ck	Surface Water
NFD 007	4/15/08	Reeco Pit A	Surface Water
NFD 008	4/15/08	Reeco Pit B	Surface Water
NFD 009	4/15/08	Reeco Pit C	Surface Water
NFD 010	4/15/08	Half Moon Ck Exit	Surface Water
NFD 011	4/15/08	B.R. Anderson Pond	Surface Water
NFD 019	4/15/08	Nobles Pond	Surface Water
NFD 012	4/15/08	James Lowe Pond	Surface Water
NFD 013	4/15/08	Howard Smith Pond	Surface Water
NFD 014	4/15/08	Lower Little Ck #1	Surface Water
NFD 015	4/15/08	Lower Little Ck #2	Surface Water
NFD 016	4/15/08	Bx. Cty WL #370007-04	Spigot
NFD 017	4/15/08	Lumberton Cty WL #2	Spigot
NFD 018	4/16/08	Purvis City Supply WL	Spigot
NFD 020	4/16/08	Grantham Ck Entry	Surface Water
NFD 021	4/16/08	Greenville Community	Spigot
NFD 022	4/16/08	Thompson's Blue Stor	Spigot
NFD 023	4/16/08	HickHCrTSD-East	Surface Water
NFD 024	4/16/08	HMH-16R	Cat I
NFD 025	4/17/08	HMH-5R	Cat I
NFD 255	4/17/08	SA1-7-H	Cat I
NFD 256	4/17/08	SA5-4-4	Sub Elec. Pump-1 Well Volume Purged
NFD 260	4/17/08	SA5-5-4	Sub Elec. Pump-1 Well Volume Purged
NFD 259	4/17/08	SA1-6-H	Cat I

Purge Water Notes: Purge water from wells HM-3, SA1-3-H, SA1-6-H, SA2-1-L, and SA4-5-L was containerized and blended between two 5-gallon buckets. This purge water was then discarded on the ground at the conclusion of sampling. Purge water from well HMH-5R was containerized and shipped back to Grand Junction for treatment and disposal.

Field Variance: SA1-6-H turbidity did not reach acceptance level. Karl Barber said this is not unusual due to sand pack damage from well casing floating out of position when the well was being installed; HM-S, HM-1, SA1-3-H, SA1-2-H, HMH-5R did not reach turbidity acceptance levels either. Thompson's Blue Stor sample was collected at a different spigot than normal because the store was closed. [The data base location name is used here, not Thompson's Blue Store.]

Quality Control Sample Cross Reference: Water samples were shipped to two laboratories: samples intended for VOC and metal analyses were shipped to Paragon Analytics and water samples intended for high-resolution gamma spectroscopy and tritium analyses were shipped to EPA Radiation and Indoor Environments National Laboratory. Two of the wells have duplicate samples and false ID's for this reason.

Date	False Id	True Id	Sample Type	Associated Matrix	Ticket Number	Analysis
4/14/08	2589	------	Trip Blank	Distilled Water	NFD 279	VOC's
4/16/08	2595	HMH-16R	Duplicate	Groundwater	NFD 251	Metals & VOC's
4/16/08	2591	HMH-16R	Duplicate	Groundwater	NFD 252	Gamma & H-3
4/17/08	2589	HMH-5R	Duplicate	Groundwater	NFD 253	Gamma & H-3
4/17/08	2594	HMH-5R	Duplicate	Groundwater	NFD 254	Metals & VOC's
4/17/08	2590	SA5-4-4	Duplicate	Groundwater	NFD 258	Gamma, H-3, H-3 Enriched

Requisition Numbers Assigned: 08031473 (EPA), 08031475 (Paragon).

Water Level Measurements: Water levels were collected from the surveyor's mark[1] in all sampled wells. Water levels measurements were made serially in less than 3 hours. We estimate it will take the State about 4 hours to collect water level data serially from 26 wells.

Date	Time	Location	Water Level (ft. BTOC[2])
4/17/08	1456	SA-12-H	7.14
4/17/08	0900	SA2-1-L	178.84
4/17/08	1042	SA2-2-L	168.94
4/17/08	1124	SA2-4-L	133.48
4/17/08	1637	SA3-4H	4.82
4/17/08	1643	SA3-11-3	135.37
4/17/08	1650	E-7	138.69
4/17/08	1655	SA4-5-L	113.04
4/17/08	1703	HM-L2	98.13
4/17/08	1330	SA5-5-4	160.34
4/16/08	1500	SA5-4-4	161.54
4/17/08	1528	SA1-8-L	94.72
4/17/08	1533	SA1-11-3	131.00
4/17/08	1542	HM-1	97.02
4/17/08	1546	HM-2B	123.95
4/17/08	1548	HM-2A	115.67
4/17/08	1550	HM-3	121.35
4/17/08	1552	HM-S	8.35
4/17/08	1554	HM-L	91.60
4/17/08	1556	SA1-1-H	6.60
4/17/08	1558	SA1-2-H	7.36
4/17/08	1602	SA1-5-H	6.83
4/17/08	1605	SA1-3-H	6.07

[1] Measured 15–17 April 2008. Each elevation point is marked with a black Sharpie pen, due north.
[2] Below Top Of Casing

Date	Time	Location	Water Level (ft. BTOC[2])
4/17/08	1607	SA1-4-H	5.66
4/17/08	1507	SA1-6-H	5.07
4/17/08	1142	SA1-7-H	6.12
4/17/08	0926	HMH-5-R	4.62
4/17/08	1618	HMH-16-R	5.58

Water Level Telemetry: A mobile-phone telemetry base station and one remote station were installed (14 April) and the two stations made operational (15 April). The telemetry sends the water levels from the in-place transducer in each monitor well. The base station is centrally located at well SA1-7-H and the remote station is at well HMH-5R. The strength of the base-to-remote signal and the mobile telephone link to Grand Junction are strong. Water level data from both wells are displayed by SOARS.

Well Inspection Summary: The hinge is broken on SA1-2-H. All other wells were in good condition.

Equipment:

- 26 wells were sampled using dedicated bladder pumps.
- 2 wells were sampled using dedicated submersible Grundfos electric pumps.
- Surface water samples were collected using a one gallon bucket, rope, and cultivator rake.
- The pump in well SA2-4-L is set at 220 feet BTOC. It should to be raised ~70 feet and have ~70 feet of drop tube installed to achieve a faster low-flow purge.

Corrective Action Taken:

- Well SA3-11-3: A centering fixture was used to lower the bladder pump drop tube about 100 feet. The tubing was hung up where the well OD reduced.

- Well SA2-2-L: Lowered the bladder pump. Installed 200 feet of twin tubing between the surface and the pump; removed 117 feet of the existing drop tubing (below the pump).

Institutional Controls

- **Fences, Gates, Locks:** All fences and gates were in good condition and were locked upon departure from the site.

- **Signs:** All observed signs were in good condition.

- **Trespassing/Site Disturbances:** None observed.

Other

The gate off Tatum Salt Dome Road blocks our access to the southwest site entrance road. There are only two openings for locks on the gate. One lock belongs to Weyerhaeuser (key lock) and the other to a hunt club (combination lock), a Weyerhaeuser lessee. Met with Carl Ivy, Weyerhaeuser's land man, to ask him how we can re-install our lock on the gate. He agreed to talk to the hunt club about installation of a chain so we can put our lock on the gate. Ivy knows we have a recorded

access easement across Weyerhaeuser property. Ivy loaned us a Weyerhaeuser key for use while we are on site.

In order to safely access creek sample points on our west (Hickory Hollow Creek) and south (Half Moon Creek) boundaries, Ivy was asked for written permission to leave the easement road and travel to these locations. Travel with sample equipment to the site boundaries from within our site is treacherous and arduous. Driving to the sites via Weyerhaeuser land is preferred. Both sample points (and Grantham Creek Entry) are the baseline for surface water leaving the site via Half Moon Creek to the north. Ivy was uncomfortable about giving us permission to leave the access road. Water samples from Hickory Hollow Creek Entry (at the site's west boundary) and Half Moon Creek Entry (at the south boundary) were not collected.

A sample from Hickory Hollow Creek where it flows under Tatum Salt Dome Road (HickHCrTSD-East, sample number NFD 023) was taken as a substitute for Hickory Hollow Creek Entry. The sample was collected on the east side of the road; the creek flows to the east about 0.3 miles before it reaches the west Salmon site boundary.

Ivy asked to be notified anytime we move heavy equipment on the easement road to our site.

Met with Tara Ladner, Lamar County's point-of-contact for the Salmon site and delivered a miniature version of the poster intended for Lamar County's new Courthouse and a picture of night drilling during the Dribble and Miracle Plan testing.

A site access agreement was left for Lane Smith (with his Father-In-Law); Smith is the property owner to the east just south of the access road. He asked for the agreement to relieve him of liability if we get hurt during collection of a water sample at Grantham Creek Entry.

Karl Barber was given a water level measurement unit (Slope Indicator) to use when he collects his quarterly water samples. He was given extensive hands-on instruction by Stoller experts.

The Salmon Administrative Record collection at the Purvis Public Library has been moved from the back of the library to a prominent shelf above the periodical display. The 2007 EPA report on water sampling at Salmon was not located on the shelf. A copy of the 2007 EPA report will be made available for transmittal by the DOE-LM site lead.

A large laminated display about the Salmon site and a number of fact sheets were delivered to the new County Courthouse. Lamar County is preparing for its centennial — the display is a welcome addition to the centennial display.

A spare aerial photo map overlain with the Salmon site boundary, site roads, and the location of GZ (monument and plaques) was left with the Sheriff's Department Dispatcher.
A storage unit was rented in Hattiesburg from Attic Mini Storage and RV Parking. The unit will be used to store tools and material until the next site visit. The storage facility is open from 10:00 to 17:00 and is located at

Building H, Unit 21
5947 West 4th Street,
Hattiesburg, MS 39402,

(601) 264-6050.

Directions: From I-59, take US 98 west to Cole, turn north, turn east on 4th. Attic Mini Storage is within 0.5 miles on the north side of the road.

Salmon site pictures during the inspection and sampling are filed at \\gull\sites_prod\Sites\MS\SALMON\Images\2008\20080414-20080418_Duray_SiteVisit

Site Issues

Disposal Cell/Drainage Structure Integrity: N/A

Vegetation/Noxious Weed Concerns: N/A

Roads and Grounds

The native flora is rapidly growing back around the on-site wells and should be cut back: if not late this year, before the next annual sampling visit. This makes well access easier and safer.

Road repair is needed on the main east-west road between the east site-entry gate and GZ. Water from overflow ponds north of the east-west road is running west along the north side of the road. The water begins to flow along the road at about the point where the road to/from the wells SA1-8-L and SA1-11-3 tees with the east-west road. Water crosses the road creating a gully at the point where NE-SW road from the REECo Pits intersects the east-west road. A good size gully has formed and is growing. Installation of a new culvert and water bar will solve the problem.

Culvert repairs are needed where the road leads to well HM-L2 and where Grantham Creek crosses the road to/from Source Area 5. Erosion on either side of the roads at the culverts is severe.

Safety Issue

Stoller employees have to use their personal mobile phones because coverage by company provided mobile phones is inadequate. Salmon is a remote site. Mobile telephone coverage is necessary for emergency calls and contact between teams.

cc: Jack Craig, DOE (e)
Paul Darr, Stoller (e)
Steve Donivan, Stoller (e)
Jack Duray, JGMS (e)
Rick Findlay, Stoller (e)
Rex Hodges, Stoller (e)
EDD Delivery (e)

Nevada Offsites Program
Salmon Mississippi Site
SITE INSPECTION CHECKLIST

Date of Inspection: 13-19 April 2008
Sampling and Inspection Team: Gretchen Baer, Jack Duray, Jeff Price, and Jeff Walters.
Telemetry Installation: Stan Morrison

No.	Item	Issue	Action
	Access Notification	Notify Mississippi State Department Health, Division of Radiologic Health, before scheduled fieldwork.	Notify MS DEQ via e-mail and phone one month and again two weeks before site visits. Notified before April 2008 sampling and inspection. Karl Barber, Health Physicist Mississippi Department of Health Environmental Monitoring Branch, Division of Radiologic Health 3150 Lawson Street (P.O. Box 1700) Jackson, MS 39215-1700 kbarber@msdh.state.ms.us
	Site Inspection - surveillance features	Monitor well pumps, Monitor wells Roads Ponds Survey markers, Monuments Signs, Gates and fences	Monitor wells are in very good condition The 2 electric pumps in Source Area 5 are wired to code as of 9/2007. New bladder pumps were installed in 26 wells 9/2007. Roads cleared, encroaching brush removed, and road damage repaired 9/2007. Debris blocking pond culverts was removed April 2, 2008 New well labels were installed 3/2008.
	LTHMP Sampling	On-site groundwater sampling locations: 28 wells On-site surface water sampling locations: 10 Off-site sample locations: none planned for 2009	LTHMP: on-site monitor wells and surface water locations are sampled annually. Depth-to-groundwater measurements are made prior to sampling each well and afterwards, all wells serially. Water level measurements were made at all wells 3/2008 and 4/2008.
	Off site Locations Complete	Collect GPS data and photograph the offsite surface water and water supply system locations sampled by the State and formerly by EPA.	Photographs and GPS data collected 4/07 except for Columbia, MS water supply system. Columbia is too far from site to justify Stoller sampling and was not sampled April 2008. Stoller observed sampling at this location in 2006.
	Vegetation and Trash	Observe and photograph vegetation growth, fallen trees, beaver infestation areas, trash, and vandalism.	Photos taken, and index prepared; both are stored on the share drive server on the Gull share drive.
	Actions required	There are numerous issues that require additional work, some of which require subcontractor procurement such as maintenance contracts and road repairs.	A statement or work for a basic order work agreement is underway.
	6	Freeport Sulfur Wells	The next phase is the excavation of several easy to access P&A wells. No schedule has been received from Freeport-Sulfur as of 4/2008.

No.	Item	Issue	Action
	15 Complete	Find out if Karl Barber will do water levels. Does he need WL meter?	Barber has agreed to measure water levels when he collects quarterly water samples. He was given a water level measurement unit (Slop Indicator) and hands-on instruction on its use.
	16	Dave Felder, USFWS, was very interested in meeting w/ Jack Craig ? Future site use meeting?	No action
	17 Pending	Remove the combination lock on the gate to the southwest access road on which we have a recorded easement and replace with new lock. Follow up with Weyerhaeuser regarding installation of DOE lock on the Tatum Salt Dome Road gate and written permission to leave the easement road to collect samples from 2 creeks at the Salmon boundary.	We removed a combination lock from the gate with bolt cutters 9/2007. Inspection 3/2008 revealed that the lock we installed was removed by person or persons unknown. Investigation in April 2008 suggests we cut the combination lock belonging to the hunt club that leases the land from Weyerhaeuser, the land owner. It is not clear when the DOE combination lock (installed by DOE-EM) was removed and by who. The land owner will speak with their lessee about installation of a chain so we can re-install a DOE-LM lock on the gate off Tatum Salt Dome road.
	18 Complete	Update the Lamar County Salmon display in the new County Courthouse. (The display in the old Lamar County Courthouse should come down.)	A large laminated up-to-date poster and fact sheets were delivered to the new Lamar County Courthouse. Lamar County plans to use the material for their upcoming centennial celebration display.
1		Repair hinge on cap to well SA1-2-H	
2		Reposition bladder pump in well SA2-4-L to shorten the time it takes to collect a low-flow sample.	
3		Repair road damage caused by water erosion on main road from the east access gate to GZ.	
4		Repair erosion damage to culverts at 2 locations: near well HM-L2 and where Hickory Hollow Creek crosses the access road to SA5.	
5		Cut brush growing around wells before the next annual sampling visit.	
6		Assemble list of tools and material stored in the Attic Mini Storage unit in Hattiesburg. Make additional keys for the temporary lock now securing the storage facility. Procure a new short-shank lock keyed to locks used at the site. Provide a key to K. Barber.	
7		Provide Purvis Public Library with a copy of the 2007 EPA sampling results report.	
8		Follow up with Karl Barber regarding his availability to guide the JGMS-FIMS team, 16–18 June 2008.	