LMS/SAL/S28930

Environmental Monitoring Report Salmon, Mississippi, Site 2019

April 2020

U.S. DEPARTMENT OF ENERGY | Legacy Management

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Abbreviations

AEC	U.S. Atomic Energy Commission
AOC	area of concern
bgs	below ground surface
DCE	dichloroethene
DOE	U.S. Department of Energy
ft	feet
GEMS	Geospatial Environmental Mapping System
LM	Office of Legacy Management
MCL	maximum contaminant level
µg/L	micrograms per liter
mg/L	milligrams per liter
MSL	mean sea level
OM	order of magnitude
pCi/L	picocuries per liter
REECo	Reynolds Engineering & Electrical Company, Inc.
RI	remedial investigation
SA	source area
SGZ	surface ground zero
TCE	trichloroethene
VOCs	volatile organic compounds

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Executive Summary

This report presents the monitoring results for groundwater and surface water samples collected in October 2019 by the U.S. Department of Energy (DOE) Office of Legacy Management for the Salmon, Mississippi, Site.

The U.S. Atomic Energy Commission (AEC), a predecessor agency to DOE, conducted a series of underground detonations in the Tatum Salt Dome beneath the Salmon site between 1964 and 1970 to study seismic signatures. Groundwater sampling at the site is conducted to monitor shallow groundwater that became contaminated during AEC use of the site, contamination within the shot cavity, and contamination in the Aquifer 5 injection well. Surface water sampling is conducted to ensure no contaminants are leaving the site.

No contamination above maximum contaminant levels (MCLs) was detected in surface water leaving the site. Concentrations of volatile organic compounds (VOCs) continue to trend downward, and only two wells have VOC concentrations that exceed MCLs. Tritium concentrations in all wells are below the MCL, and the tritium continues to attenuate and decline as a result of radioactive decay. By 2060, tritium at all shallow groundwater monitoring locations is projected to decay to levels below the standard method detection limit (300 to 400 picocuries per liter). The sampling of metals was discontinued following the 2017 sampling event. Monitoring of deeper aquifers shows no indication of leakage from either the test cavity or the injection well.

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1.0 Introduction

This report presents monitoring results for samples collected October 22–24, 2019, by the U.S. Department of Energy (DOE) Office of Legacy Management (LM) for the Salmon, Mississippi, Site. The State of Mississippi (the State) owns the surface real estate at the site, and the deed to the property includes certain restrictions related to subsurface penetration. The State is the surface operator; the Mississippi Forestry Commission is its agent. The federal government owns the monitoring wells, the monument at surface ground zero (SGZ), and the subsurface real estate, including minerals and contamination remaining from underground tests. LM has responsibility for the long-term surveillance of the subsurface real estate, shares right-of-entry easements with the State, and retains rights related to subsurface monitoring.

This annual report and previous reports are available on the LM public website at https://www.lm.doe.gov/salmon/Sites.aspx. Data collected during this and previous monitoring events are available on the Geospatial Environmental Mapping System (GEMS) website at https://gems.lm.doe.gov/#site=SAL.

2.0 Site Location and Background

The Salmon site consists of 1470 acres in Lamar County, Mississippi, approximately 10 miles west of Purvis, Mississippi, and about 21 miles southwest of Hattiesburg, Mississippi (Figure 1). The U.S. Atomic Energy Commission (AEC), a predecessor agency to DOE, conducted a series of underground detonations in the Tatum Salt Dome beneath the site to study seismic signatures. Figure 2 shows the extent of the salt dome at about 2500 feet (ft) below ground surface (bgs). Two nuclear tests (Project Dribble) and two gas-explosive tests (Project Miracle Play) were conducted in the salt dome between 1964 and 1970. Salmon, the first nuclear test, was conducted on October 22, 1964, and created a cavity approximately 2710 ft bgs (Figure 3). The second nuclear test, Sterling, was conducted on December 3, 1966. The Sterling test and the two gas explosions—Diode Tube on February 2, 1969, and Humid Water on April 19, 1970—were all conducted in the cavity created by the Salmon test. No radioactivity was released to the surface during the four tests. Residual radioactivity from Project Dribble is contained within the cavity walls and the cavity itself. The plasticity and impermeability of the surrounding salt formation provide sufficient geologic isolation to prevent migration of contaminants.

Reentry holes were drilled into the detonation cavity to collect scientific information and determine the effects of each explosion. These drilling operations generated the largest volume of waste at the site, including radioactively contaminated drill cuttings and drilling fluids. In addition, support activities generated wastes other than radioactively contaminated materials as part of the testing operations. Test site support operations required fuel, electricity, sanitation, waste storage, waste disposal, and use of hazardous materials. Waste materials were temporarily disposed of in several mud pits and burial pits across the site.

Radioactive wastes, including contaminated soil and water, were disposed of via reentry wells in the cavity left by the tests. The reentry wells were plugged after the waste was disposed (DOE 1999). The HT-2 injection well in the southwest corner of the site was used following the first nuclear test to dispose of radiologically contaminated liquid wastes into Aquifer 5; it was plugged during site cleanup operations.

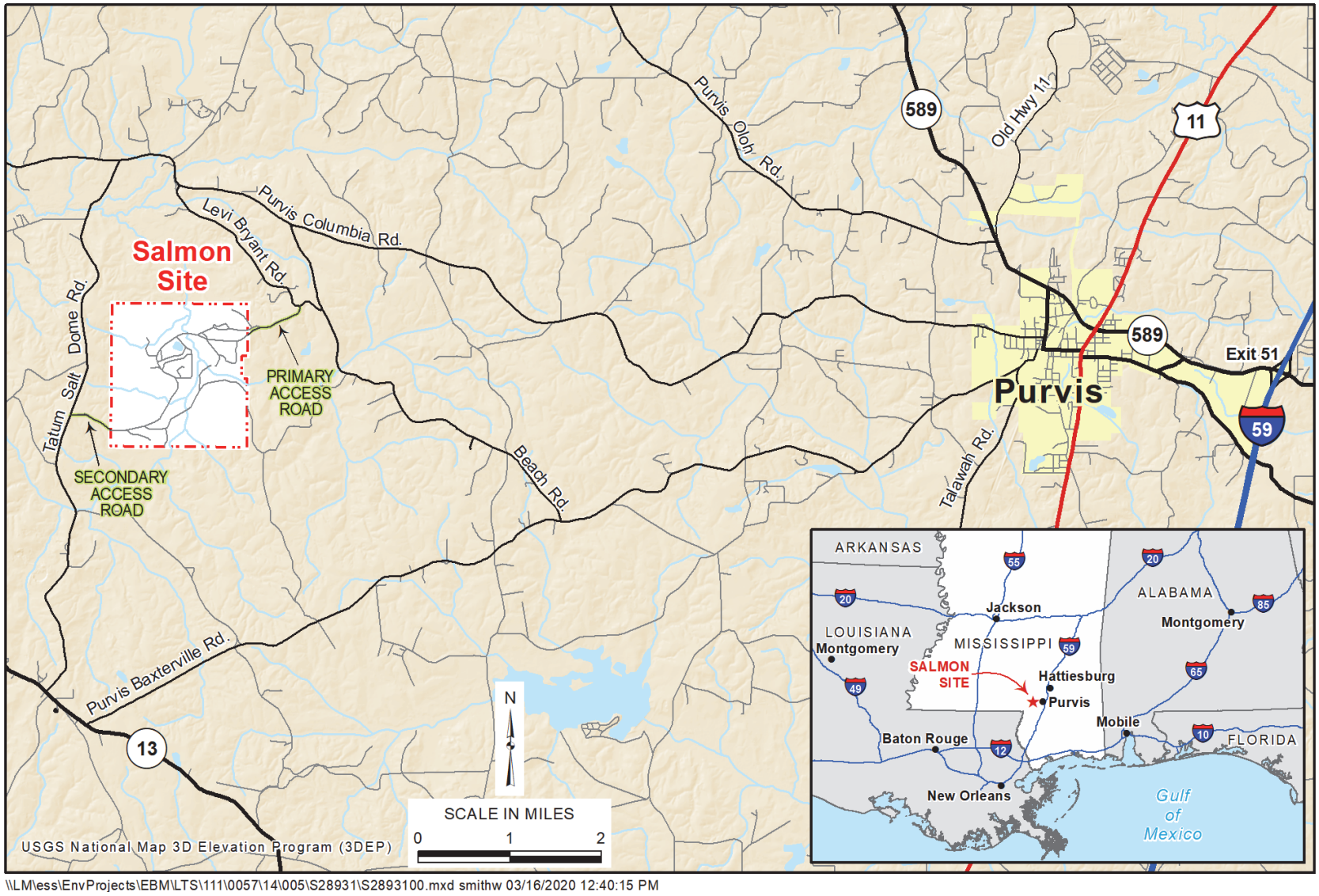

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Figure 1. Salmon Site and Surrounding Region

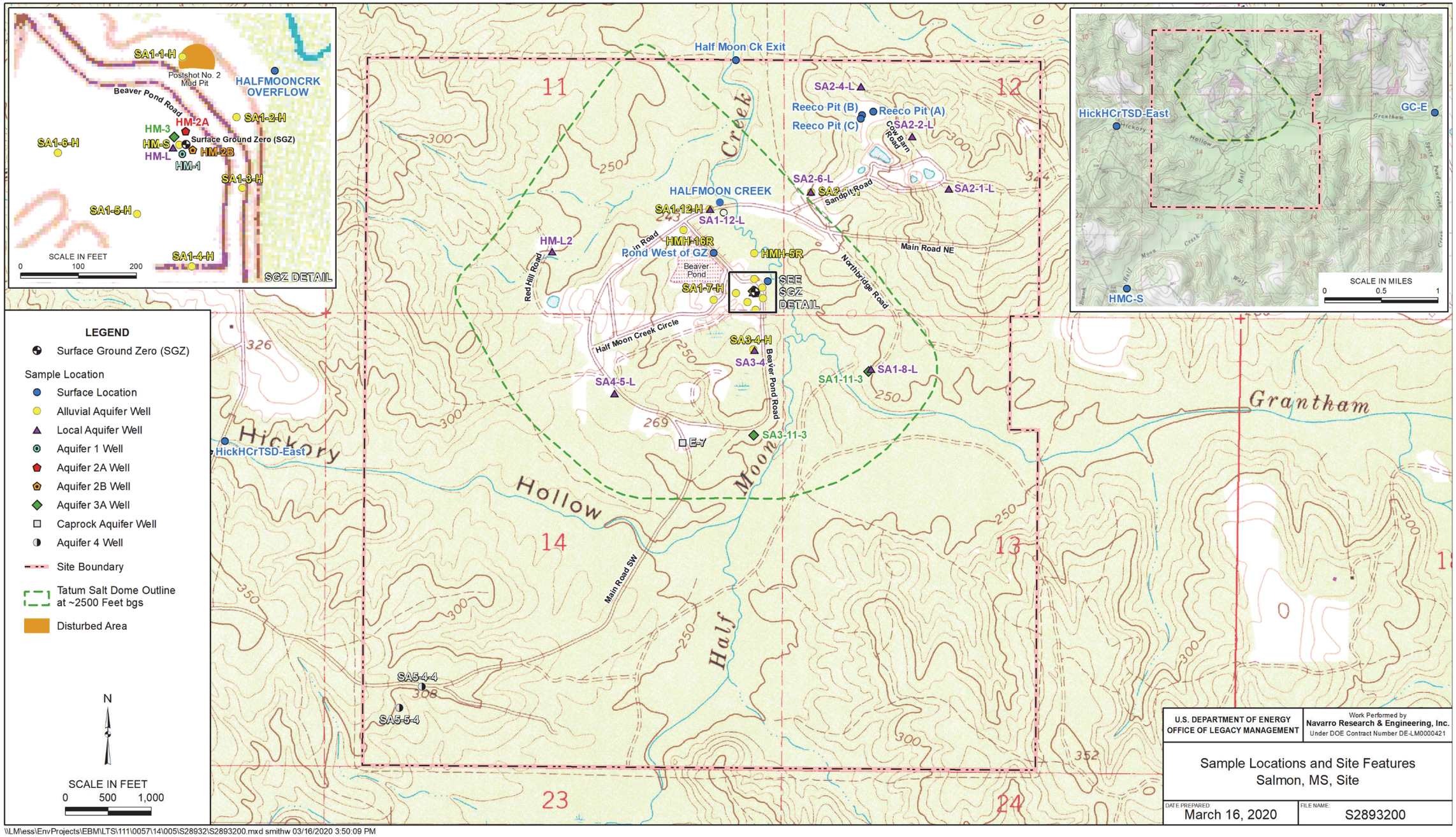

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Figure 2. Salmon Site Features and Monitoring Locations

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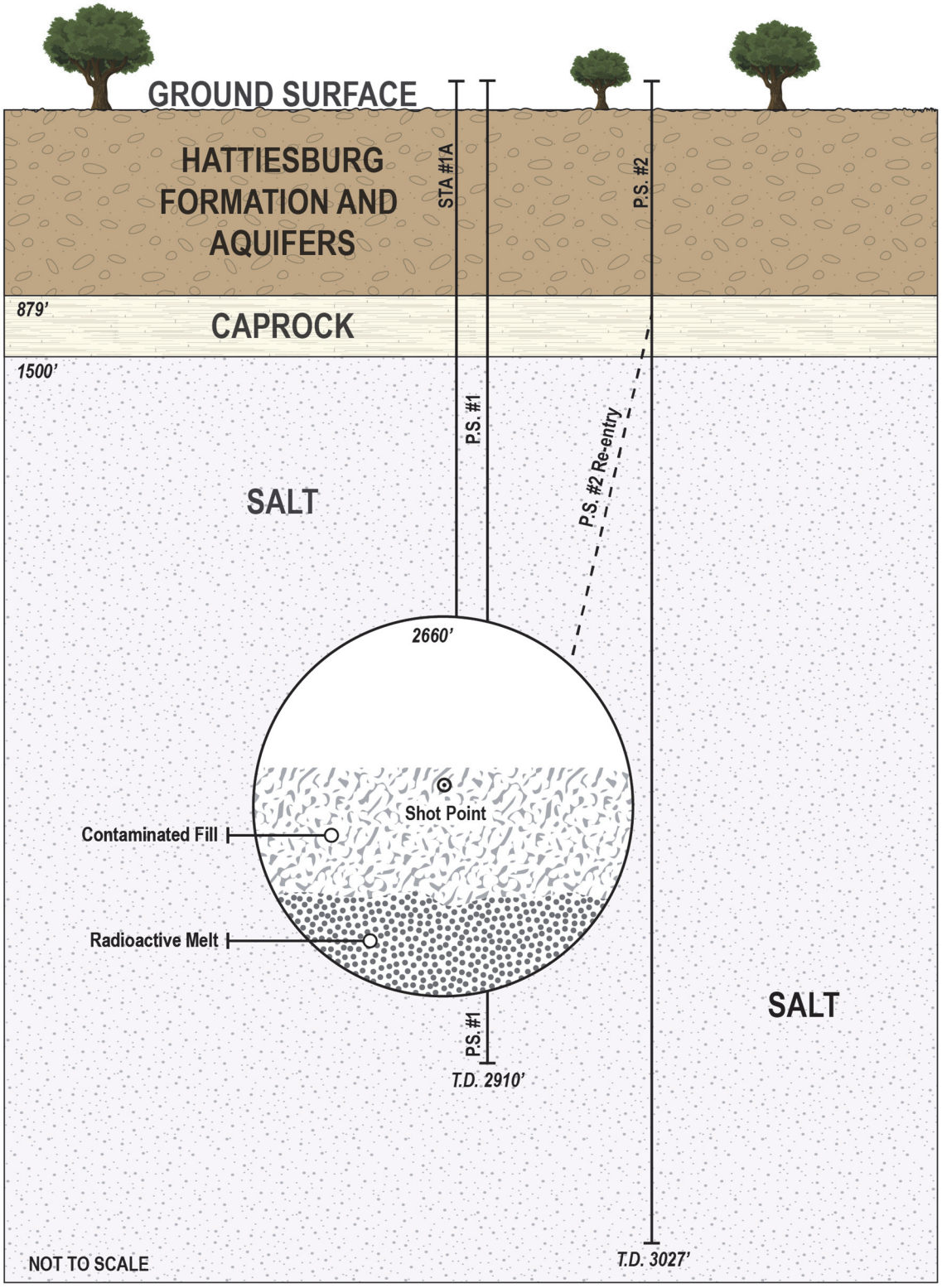


Figure 3. Cross-Sectional Depiction of the Shot Cavity After Surface Decommissioning

Significant cleanup operations were conducted in 1972. Soil contaminated with drilling fluids from drill-back operations was converted to slurry and injected into the test cavity. Nonradioactive wastes were disposed of in onsite pits that were subsequently covered with clean soil and graded. All test boreholes for emplacement, drill back, and injection and all other wells were plugged and abandoned in accordance with State of Mississippi requirements.

A remedial investigation (RI)/feasibility study for the site was started in 1992 (DOE 1992). The site was divided into six geographically distinct source areas (SAs) based on the historical activities conducted in the different areas of the site. A number of areas of concern (AOCs) were identified within each source area based on historical site activities. Additional investigations of the site were focused on identifying any residual contamination left at the AOCs within each SA.

Additional data were collected during the 1990s, and a subsequent RI report was prepared in 1999 (DOE 1999). As part of the 1999 RI, sampling of soil and groundwater was conducted across the site. Samples were analyzed for volatile organic compounds (VOCs), radionuclides, and metals. The 1999 RI discusses the site in terms of operable units, which were defined as geographical units with the same potential source of contamination that remained after site decommissioning. These residual sources of contamination are different from the historical source areas previously identified, as discussed below.

Three operable units were established in the 1999 RI based on three primary sources of residual site contamination. Operable Unit 1 includes the surface soil and the shallow aquifer system that were affected mainly by drilling activities at the surface (e.g., mud pits, drill cuttings), primarily near SGZ. Operable Unit 2 includes the test cavity and the overlying aquifers, particularly those at intermediate depths, and includes constituents produced by the nuclear test itself and materials disposed of in the cavity during decommissioning. Operable Unit 3 includes the injection well and deep aquifers and liquid radioactive wastes that were disposed of in the deep subsurface following the first nuclear test. The monitoring approach and results discussed in this report are organized generally according to the operable units recognized in the 1999 RI.

3.0 Geologic and Hydrologic Setting

3.1 Geologic Setting

Tatum Dome is a salt dome in the Mississippi Interior Salt Basin. The dome consists of a salt core overlain by caprock composed of limestone and anhydrite (Figure 4). The salt consists of roughly 90% halite (sodium chloride) and 10% anhydrite (calcium sulfate). The anhydrite caprock is 450 to 600 ft thick and extends upward to about 1000 ft bgs. The caprock is overlain by the Catahoula Sandstone of Oligocene age; the Catahoula is 100 to 200 ft thick and is overlain by the Pascagoula–Hattiesburg clays of Miocene age (Hattiesburg Formation), which crop out regionally in the lower stream valleys and also extend across the dome. The Hattiesburg Formation is 550 to 750 ft thick. The surficial material at the Salmon site consists of the Citronelle Formation, which is present in the highlands (Figure 4); sporadic terrace deposits on the slopes; and alluvium of Pliocene to Pleistocene to recent age in the lowlands. The terrace deposits and alluvium consist of interbedded gravels, sands, and silty clays about 150 ft thick. The Citronelle crops out on the slopes and tops of the hills in the site area. The Cook Mountain limestone and the overlying Vicksburg Group are stratigraphic units below the Catahoula

Sandstone and are both pierced by the dome. The Tatum Dome appears to have no topographic expression.

3.2 Hydrologic Setting

Aquifers containing fresh water extend from near the surface to about 1400 ft below mean sea level (MSL) in the Tatum Dome area, though locally the salt dome has modified water quality. Over the dome, fresh water extends only to about 700 ft below MSL (Figure 4). Some aquifers that contain saline water over the dome contain fresh water away from the dome's influence. There are multiple freshwater aquifers, including two surficial aquifers (the Alluvial Aquifer and surficial waters in the Citronelle Formation) and six deeper aquifers (Local, 1, 2a, 2b, 3a, and 3b). These are underlain by one brackish aquifer (4) and at least one underlying saline aquifer (5) in the strata surrounding the Tatum Salt Dome (Figure 4). The oil industry has used Aquifer 5 for brine injection since 1950 at the Baxterville oil field 6 miles southwest of the Salmon site.

Fresh, brackish, and saline waters are defined as waters containing total dissolved solids concentrations of less than 1000 milligrams per liter (mg/L), 1000 to 5000 mg/L, and more than 5000 mg/L, respectively. The freshwater surficial aquifers and Local Aquifer are discontinuous. The deeper freshwater aquifers (1, 2a, 2b, 3a, and 3b) are horizontally extensive, although they may be locally offset or interrupted by faults near the dome (USGS 1971). Many water supply wells in Lamar County use groundwater from one or more of the deeper freshwater aquifers. Water is also present in fractures in the caprock and is referred to as the Caprock Aquifer.

Wells in the current monitoring network (Figure 2) monitor most of the freshwater aquifers as well as Aquifer 4 and the Caprock Aquifer. Thirteen monitoring wells are completed in the Alluvial Aquifer; 10 in the Local Aquifer; one in each of Aquifers 1, 2a, and 2b; three in Aquifer 3a; two in Aquifer 4; and one in the Caprock Aquifer. No wells are completed in Aquifer 5, Aquifer 3b, or the Citronelle Formation.

3.3 Site Conceptual Model and Monitoring Approach

Three primary contaminant source zones have been identified at the site based on the site history, results of previous site characterization, and monitoring results. The Alluvial and Local Aquifers near SGZ have areas of remnant contamination from surface operations and drill-back wastes temporarily stored in mud pits. The detonation cavity has contamination created by the nuclear tests and also was used for injection of surface wastes. Aquifer 5 was used for the disposal of liquid radioactive wastes. The site monitoring program monitors for the potential migration of contaminants from these source areas.

Groundwater flows in response to water level (head) gradients in site aquifers. There is a downward vertical gradient between aquifers near SGZ. The gradient decreases with depth to essentially no gradient, then becomes a slight upward gradient from Aquifer 3 to Aquifer 2B. This is demonstrated by the water elevations in the group of SGZ wells that are screened in successively deeper aquifers (Figure 5 and Figure 6). The low permeability of the confining layers between aquifers at the site causes the head differences and effectively limits vertical migration.

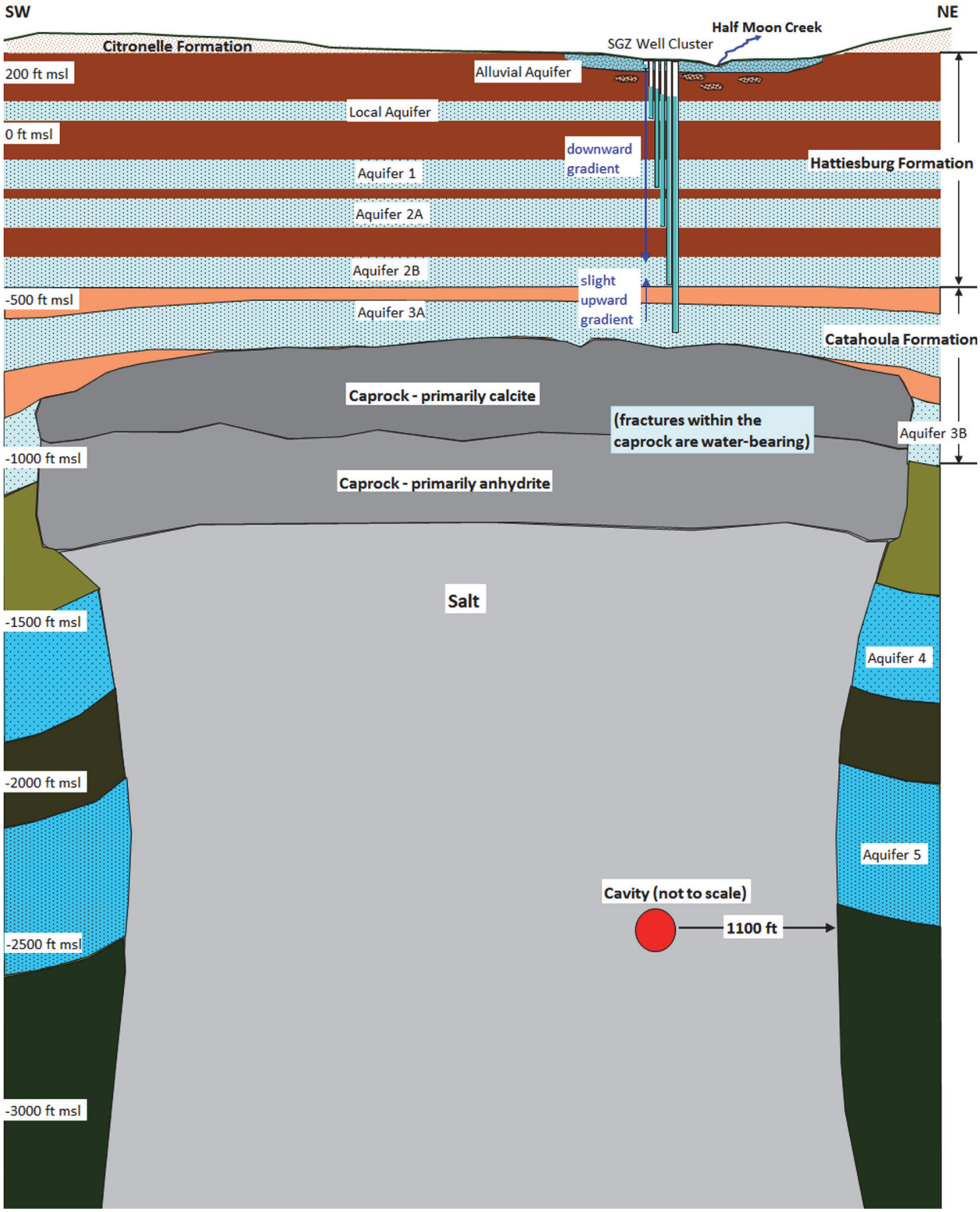


Figure 4. Conceptual Model of the Relationship of the Dome, Shot Cavity, and Surface Ground Zero Well Cluster

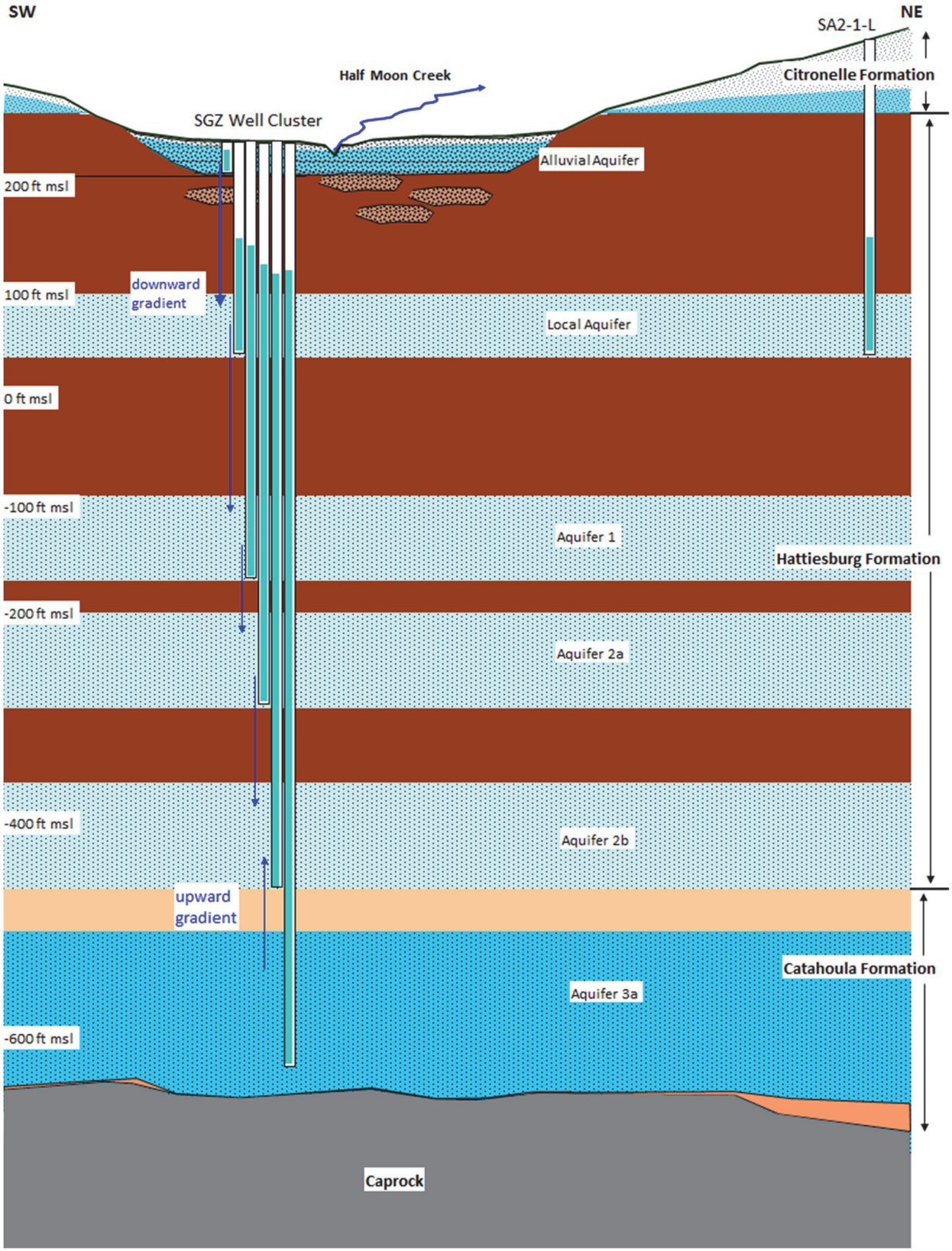
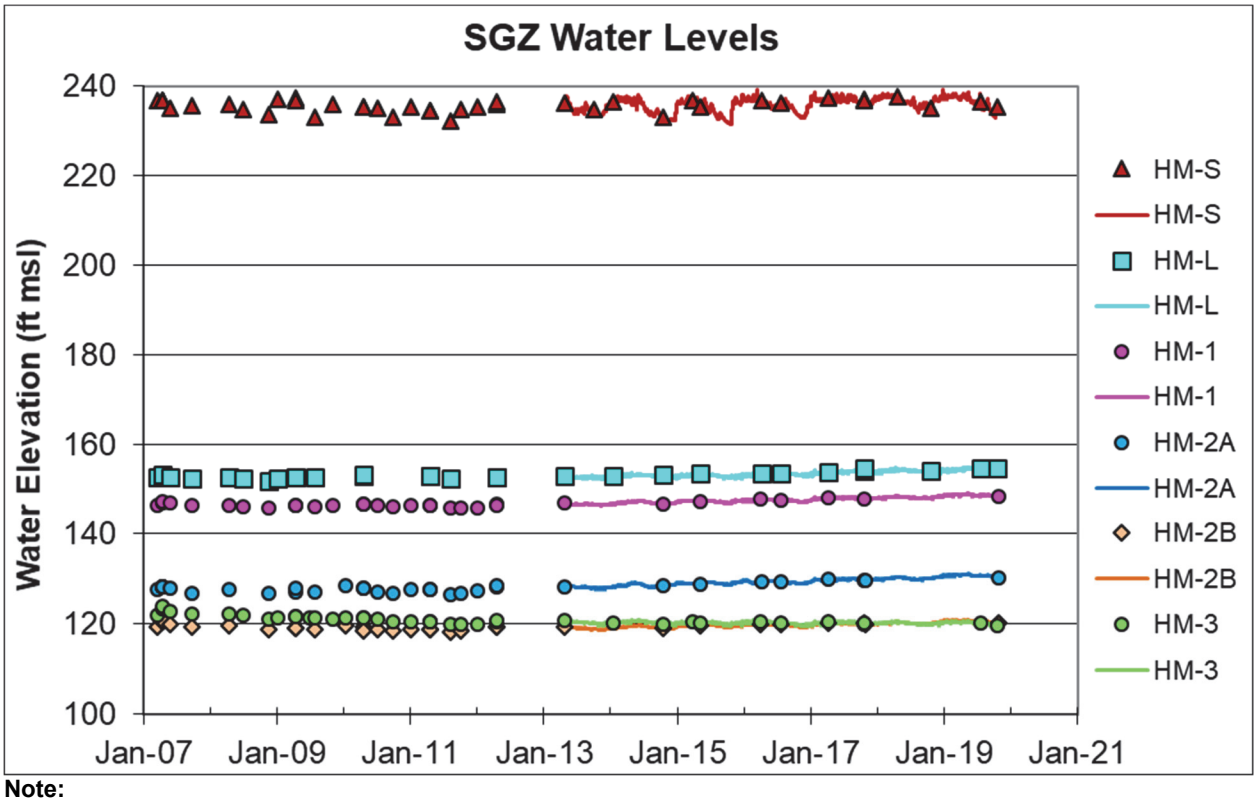


Figure 5. Conceptual Model of the Surface Ground Zero Well Cluster



Note:
Discrete symbols are manual readings, and lines are from transducer data recorded every 2 hours.

Figure 6. Surface Ground Zero Wells Water Elevations

Conduits, such as degraded cement around wellbores or unidentified sand lenses within the confining layers, increase the potential for vertical migration. The aquifer test conducted on HM-L (Local Aquifer well at SGZ) in 1979 pulled near-surface tritium contamination into the underlying Local Aquifer (DOE 1980). The travel path was assumed to be along the wellbore interfaces (casing/cement and cement/formation) of the multiple wells at SGZ that breach the confining layer separating the Alluvial and Local Aquifers. The presence of previously unidentified sand lenses in the Local Aquifer confining unit was confirmed by well SA1-12-L (installed north of SGZ in 2014), which was screened in a sand lens above the Local Aquifer. The water elevations in SA1-12-L behave like those screened in the Local Aquifer but are 15 to 20 ft higher than what would be expected for that location. The downward gradient from the shallow to the deeper aquifers would also impede upward migration from the cavity if water were to leak into the aquifers over the dome.

The largest head difference and strongest downward gradient is between the surficial Alluvial Aquifer and the underlying Local Aquifer, where there is an approximate 80 ft head difference across the intervening confining layer (groundwater elevations in the Alluvial Aquifer average about 235 ft MSL and the head level in the underlying Local Aquifer is about 155 ft MSL). There is a 60 ft head difference between the Alluvial Aquifer and the sand lens above the Local Aquifer that SA1-12-L is screened across. The average head level in Aquifer 1 is about 148 ft; in Aquifer 2A it is 130 ft; and in Aquifer 2B and Aquifer 3 it is about 120 ft MSL. The head level in Aquifer 4 (133 ft MSL in the two wells 1.2 miles southwest of SGZ) is higher than the head level in Aquifer 3 by about 13 ft, implying that the upward vertical gradient at depth increases

with depth. Aquifers below Aquifer 3 are not present over the dome (the Aquifer 4 wells are 1.2 miles southwest of SGZ), and there are no Aquifer 1, 2, or 3 wells off the dome.

The potential for lateral migration of contaminants is primarily dependent on horizontal gradients and permeability within an aquifer. The alluvial monitoring network consists of wells near and downgradient of the source areas and a surface water location downstream of where any plume would enter Half Moon Creek. The horizontal gradients in the Alluvial Aquifer range from 0.001 to 0.01, with the steepest gradients occurring near streams. The potentiometric map of the Alluvial Aquifer was constructed using October 2019 data (Figure 7) and indicates the same flow directions as the October 2017 map.

Groundwater flows from higher topographic areas toward the streams, past the potential source areas, and into Half Moon Creek. Surface water entering and exiting the site is also monitored for contamination (Figure 2). Water levels in Alluvial Aquifer wells typically vary up to 5 ft or more from lows in the fall to highs in the spring (Figure 8).

Horizontal gradients and flow directions in the Local Aquifer are difficult to determine with available data but appear to be low (<0.001) and toward SGZ (Figure 9). Three new Local Aquifer wells and one new Alluvial Aquifer well were installed in September 2014 to improve the water elevation dataset and to provide additional locations to monitor for any contamination in the Local Aquifer. As previously mentioned, SA1-12-L, classified as a Local Aquifer well, is actually screened in a sand lens just above the Local Aquifer.

Four locations at the site now have both an Alluvial Aquifer and a Local Aquifer well, allowing aquifer interactions to be assessed. Water elevations in Local Aquifer wells respond quickly to changes in the Alluvial Aquifer. The 5 ft seasonal variability observed in the Alluvial Aquifer is transmitted to the Local Aquifer wells, though with a maximum magnitude of about 1 ft (Figure 8).

Water elevations in the three Aquifer 3 wells suggest a gentle 0.001 gradient from SGZ to the south. There are an insufficient number of wells in Aquifers 1, 2A, 2B, and 4 to calculate horizontal gradients in those aquifers.

2019 Monitoring Plan

The monitoring approach for the shallow aquifer is designed to monitor tritium and VOCs to observe (1) continued natural attenuation, (2) downgradient movement of contaminants, (3) any movement from the Alluvial Aquifer to the Local Aquifer, (4) any discharge from alluvium to surface water, and (5) to monitor site periphery to make sure no unacceptable contamination is entering or leaving the site. The monitoring program for the 2019 Salmon site reporting period is summarized in Table 1.

The monitoring approach for the deeper sources is designed to monitor for upward radionuclide migration. The wells at SGZ monitor near the emplacement well and drill-back well for upward migration from the cavity to successively shallower aquifers. The deep wells 1.2 miles southwest of SGZ monitor Aquifer 4 for upward leakage of the radionuclide waste injected in underlying Aquifer 5.

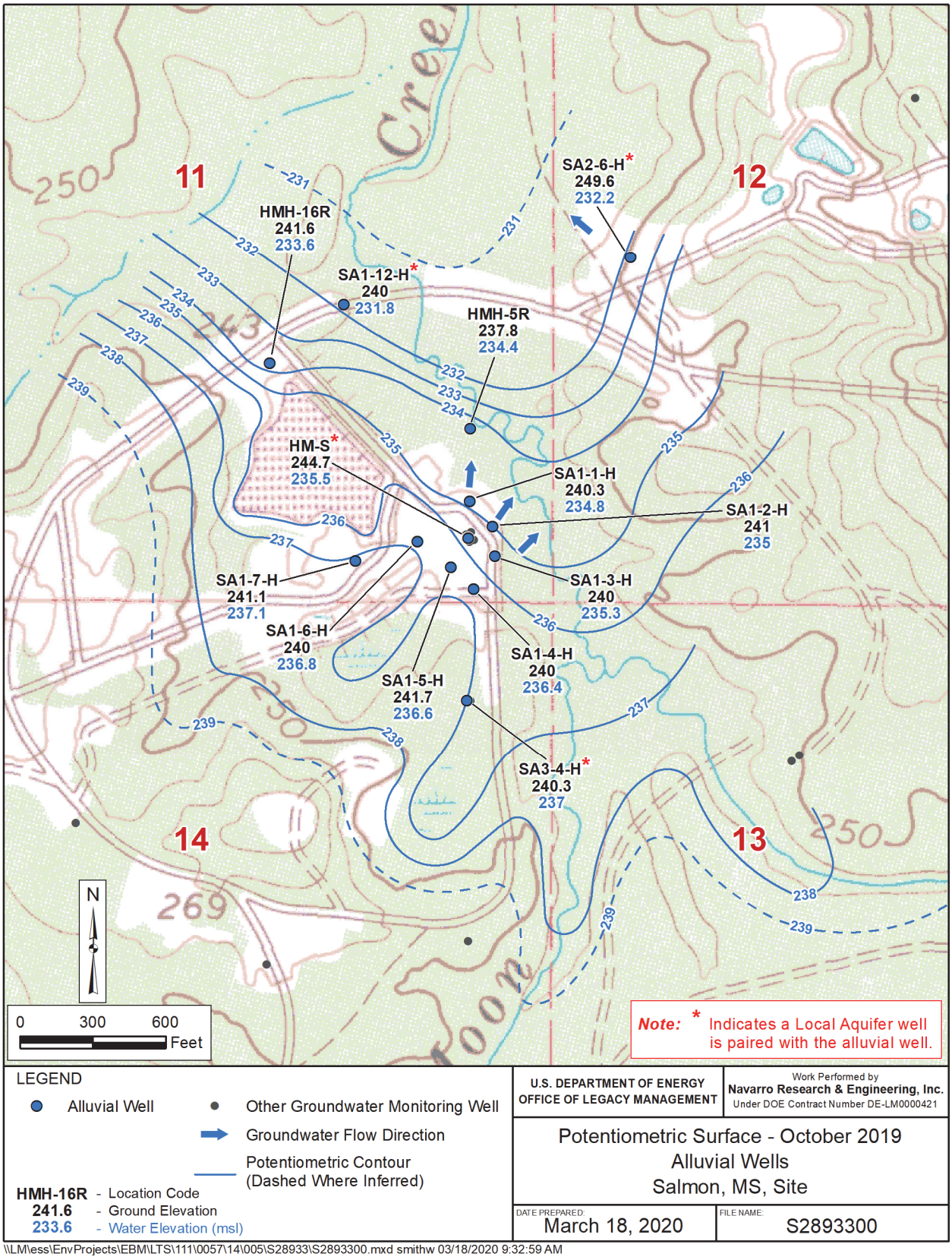


Figure 7. Alluvial Aquifer Potentiometric Surface—October 2019

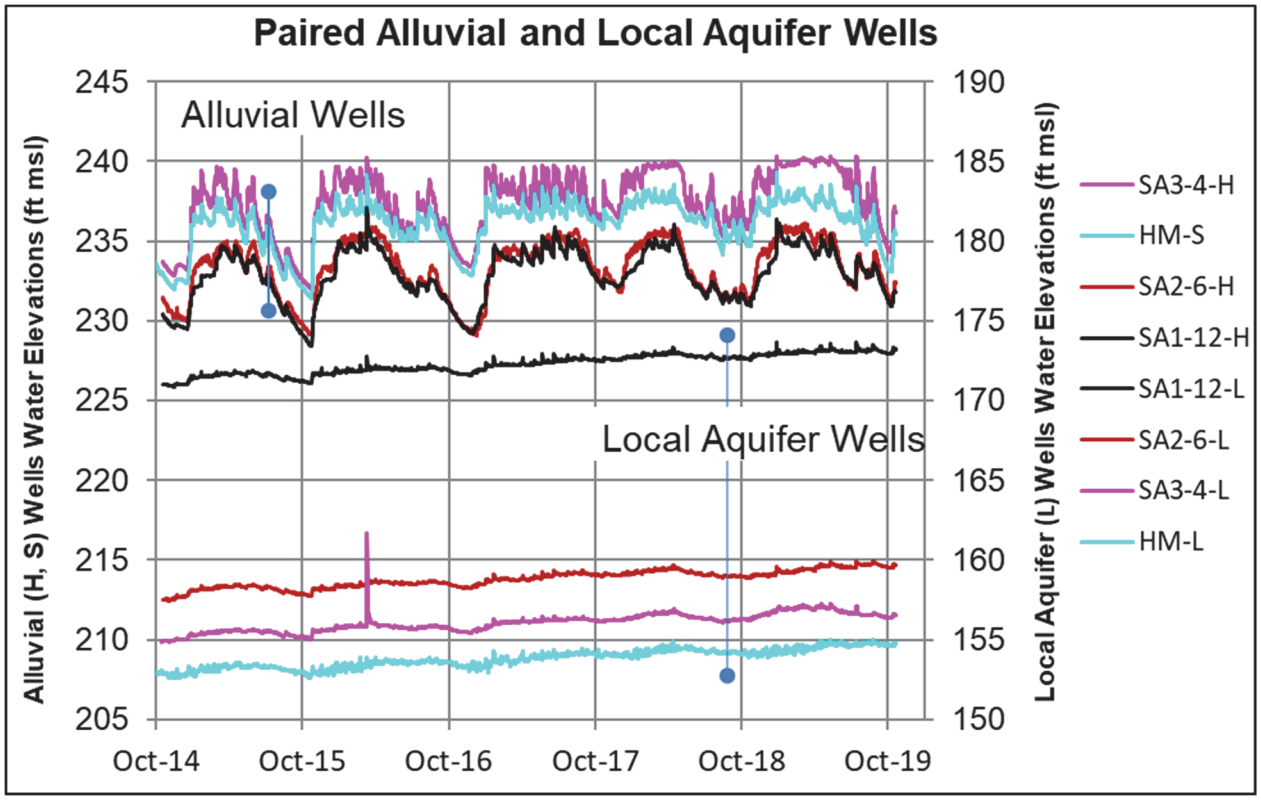


Figure 8. Water Elevations in Alluvial Aquifer (Indicated by Top Blue Bar and Primary Vertical Axis) and Local Aquifer Wells (Indicated by Lower Blue Bar and Secondary Vertical Axis) at the Same Location

Water levels were measured in all 32 site monitoring wells during the 2019 sampling event. These data are supplemented by measurements conducted by the Mississippi Department of Health during quarterly sampling of selected wells. Pressure transducers collect water levels every 2 hours in 18 site monitoring wells to assess short-term and seasonal variations, interaction among aquifers, and the relative variability of each aquifer. The transducer data show that water levels in the Alluvial and Local Aquifer wells have increased over the past 5 years, about 2 ft in Local Aquifer wells and 1 ft in Alluvial Aquifer wells. The transducers are installed in the six SGZ wells that are screened in each of the aquifers above the dome, nine Local Aquifer wells, the four Alluvial Aquifer wells paired at locations with Local Aquifer wells, and well SA5-4-4 screened in Aquifer 4. The transducers will be discontinued as their batteries are depleted, but they are expected to continue for several years past 2019, thus providing several additional years of seasonal variations. The water elevation data are used to confirm horizontal gradients and flow directions within the shallow aquifers and vertical gradients between all site aquifers.

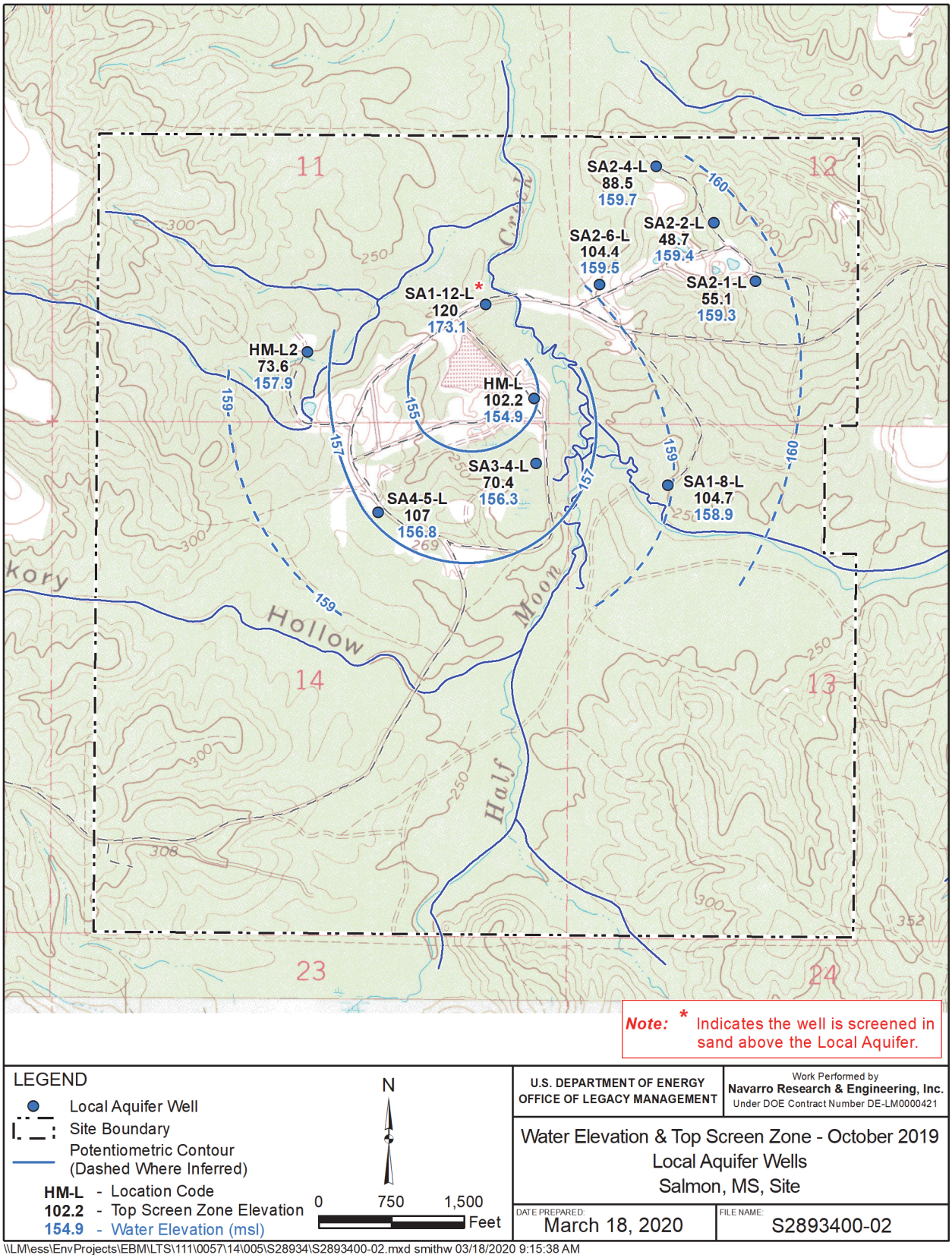


Figure 9. Local Aquifer Water Elevations—October 2019

Table 1. Water Samples Collected at the Salmon, Mississippi, Site, 2019

Source	Name	Aquifer	Total Depth (ft)	VOC	Tritium	Water Level[a]
	Wells					
	SA1-1-H	Alluvial	30	X	X	X
	SA1-2-H	Alluvial	30	X	X[b]	X
	SA1-3-H	Alluvial	30	X	X	X
	SA1-4-H	Alluvial	30	X	X	X
	SA1-5-H	Alluvial	30	X	X	X
	SA1-6-H	Alluvial	23	X	X	X
	SA1-7-H	Alluvial	30	X	X	X
	SA1-8-L	Local	195		X	XT
	SA1-12-H	Alluvial	30	X	X	XT
	SA1-12-L	Local	172	X	X	XT
	SA2-1-L	Local	349		X	X
	SA2-2-L	Local	340		X	XT
	SA2-4-L	Local	250		X	XT
	SA2-6-H	Alluvial	47	X	X	XT
	SA2-6-L	Local	197	X	X	XT
	SA3-4-H	Alluvial	30	X	X	XT
	SA3-4-L	Local	197	X	X	XT
	HMH-5R	Alluvial	30	X	X	X
	HMH-16R	Alluvial	30	X	X	X
	HM-S[c]	Alluvial	30	X	X[b]	XT
	HM-L[c]	Local	204	X	X	XT
	HM-L2	Local	200		X	XT
	SA4-5-L	Local	180		X	XT
	Surface Water Locations					
	HALFMOON CREEK	NA	NA		X[b]	NA
	HALFMOONCR KOVERFLOW	NA	NA		X[b]	NA
	Pond West of GZ	NA	NA		X	NA
	Half Moon Cr Exit	NA	NA		X	NA
	HMC-S	NA	NA		X	NA
	HickHCrTSD-East	NA	NA		X	NA
	GC-E (Grantham Cr East)	NA	NA		X	NA
Test Cavity (Operable Unit 2)	HM-1	1	415		X	XT
	HM-2A	2a	537		X	XT
	HM-2B	2b	700		X	XT
	HM-3	3a	875		X	XT
	E-7	Caprock	934		X	X

Table 1. Water-Samples Collected at the Salmon, Mississippi, Site, 2019 (continued)

Source	Name	Aquifer	Total Depth (ft)	VOC	Tritium	Water Level[a]
Aquifer 5 (Operable Unit 3)	SA5-4-4	4	2099		X	XT
	SA5-5-4	4	2081		X	X
Other	***Wells***					
	SA1-11-3	3a	924		X	X
	SA3-11-3	3a	861		X	X
	Surface Water Locations					
	REECo Pit (A)	NA	NA		X	
	REECo Pit (B)	NA	NA		X	
	REECo Pit (C)	NA	NA		X	

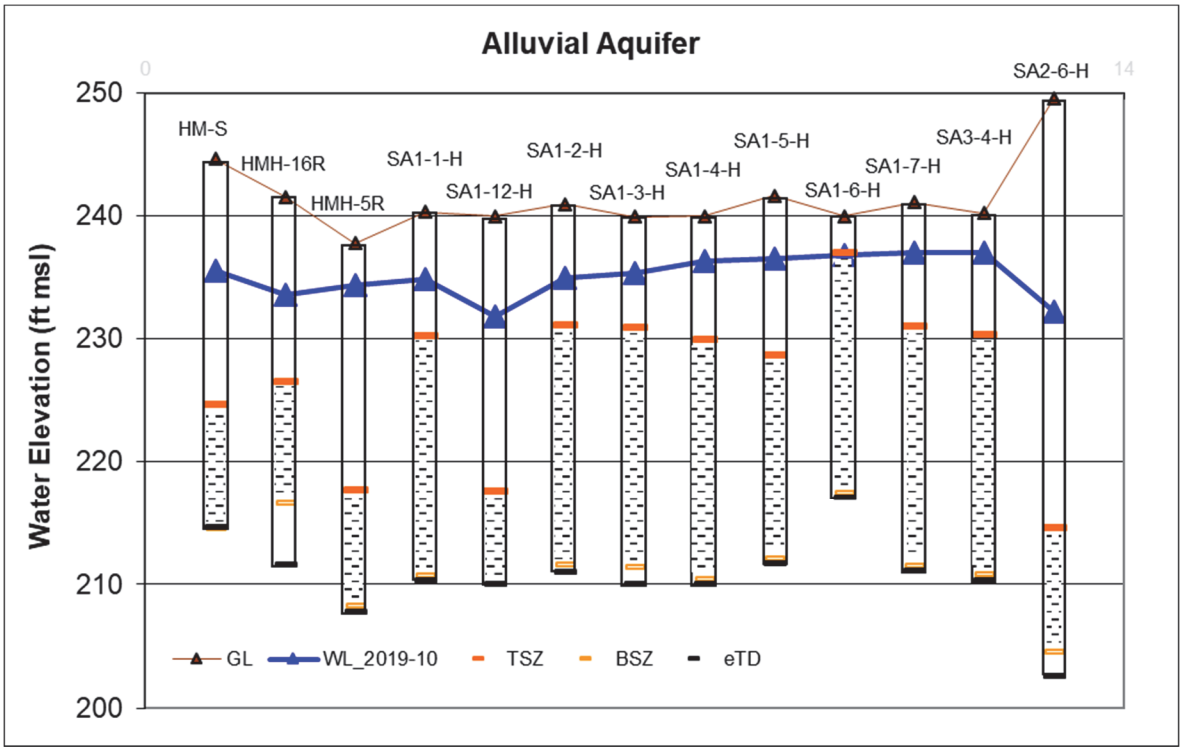
Notes:
[a] "XT" in this column indicates this well has a transducer; data collection will discontinue as transducer batteries are depleted.
[b] Selected tritium samples also analyzed by the enriched tritium method.
[c] Wells HM-S and HM-L are part of the SGZ well cluster, but current contamination is from a shallow surface source.

Abbreviation:
NA = not applicable

4.0 Monitoring Results of Shallow Source Areas

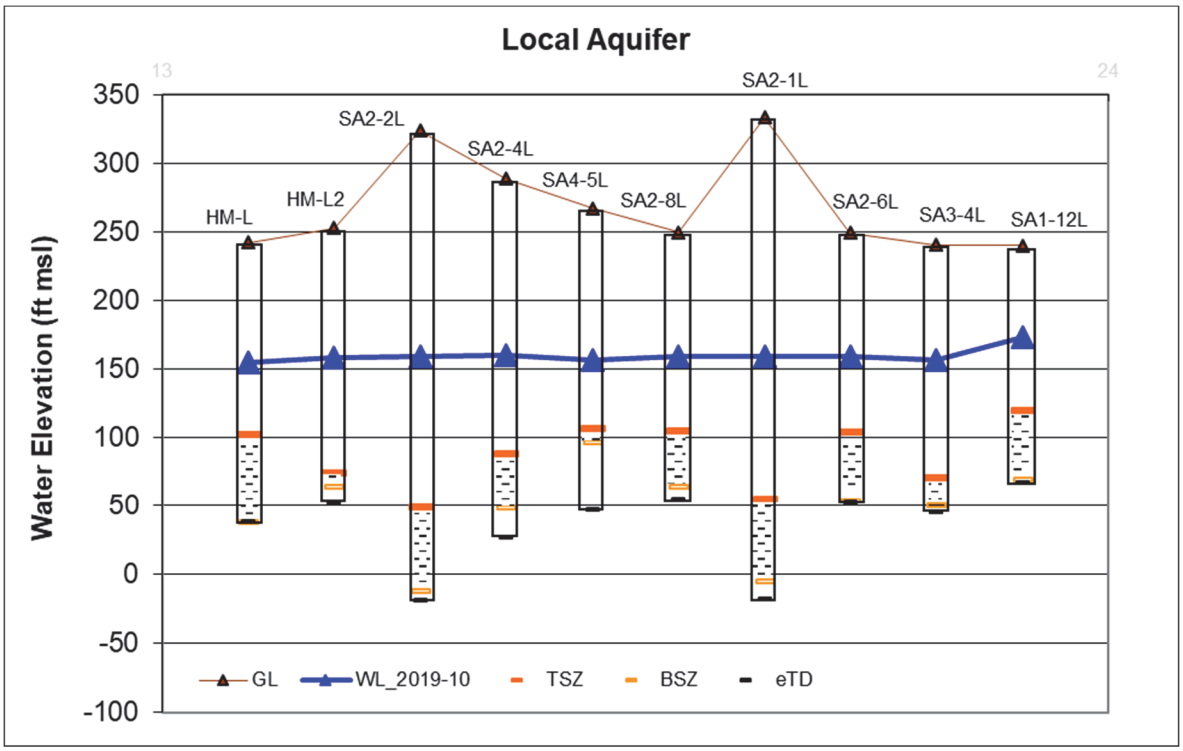
4.1 Groundwater Flow Affecting Shallow Source Areas

The October 2019 groundwater elevations in the Alluvial Aquifer and head levels in the Local Aquifer (Figure 10 and Figure 11) are consistent with past observations (Figure 12 and Figure 13). Groundwater elevations in the Alluvial Aquifer are lowest downstream and near Half Moon Creek, which flows to the north. The seasonal variability for the Alluvial Aquifer can best be seen in the water levels of wells with transducers (Figure 8) rather than in the discrete measurement hydrographs that are not monitored frequently enough to capture detailed seasonality. Water levels in all Alluvial Aquifer wells respond like those near SGZ (Figure 12). The transducer data from one of the alluvial wells (HM-S) was included in Figure 12 to show the disparity between infrequent water level readings and the every-2-hour transducer data. Seasonal variability of Local Aquifer head levels (high in the spring and low in the fall) is less pronounced than that of wells screened in the alluvium. All Local Aquifer wells are equipped with transducers, except SA2-1-L, which behaves similarly to SA2-2-L and SA2-4-L.



Abbreviations: BSZ (bottom of screen zone), eTD (elevation total depth) GL (ground level), TSZ (top of screen zone),WL (water level)

Figure 10. Alluvial Aquifer Wells Relative Water Elevations—October 2019



Abbreviations: BSZ (bottom of screen zone), eTD (elevation total depth) GL (ground level), TSZ (top of screen zone),WL (water level)

Figure 11. Local Aquifer Wells Water Elevations—October 2019

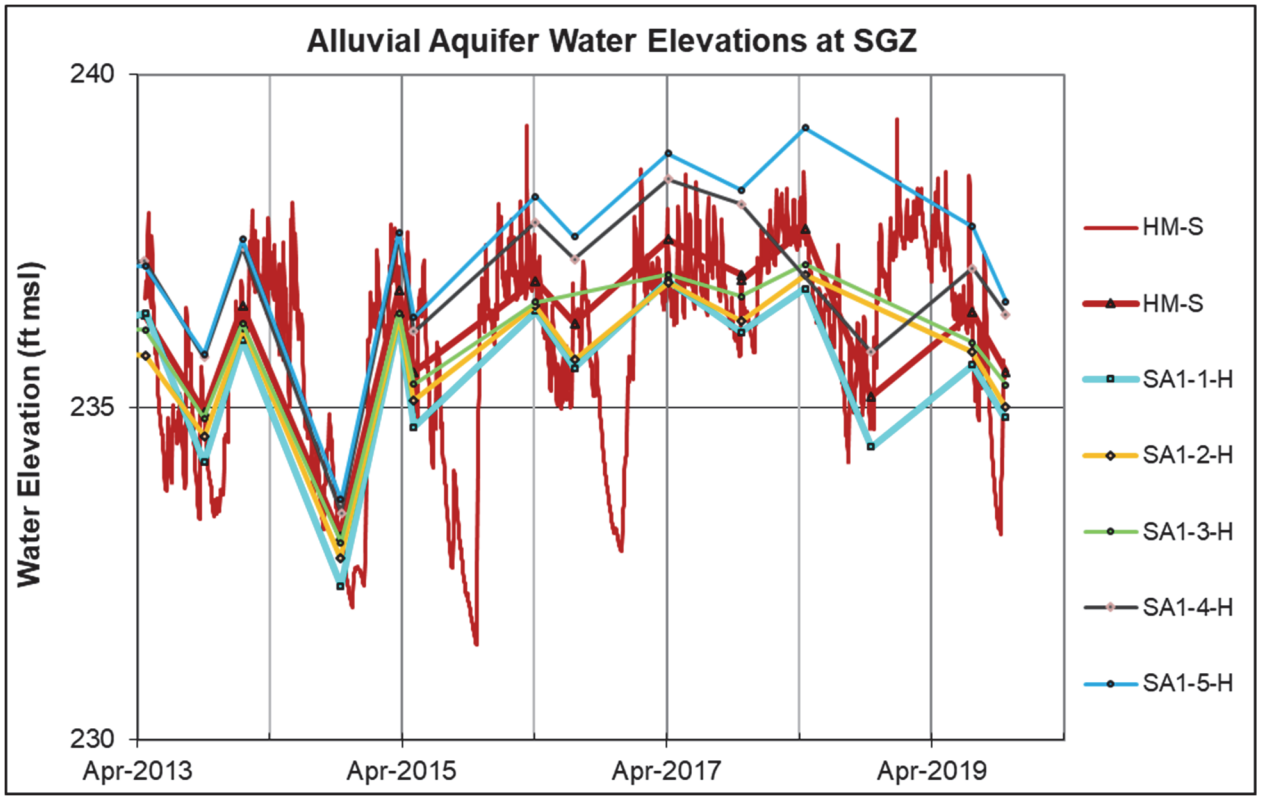


Figure 12. Surface Ground Zero Alluvial Aquifer Wells Water Elevations

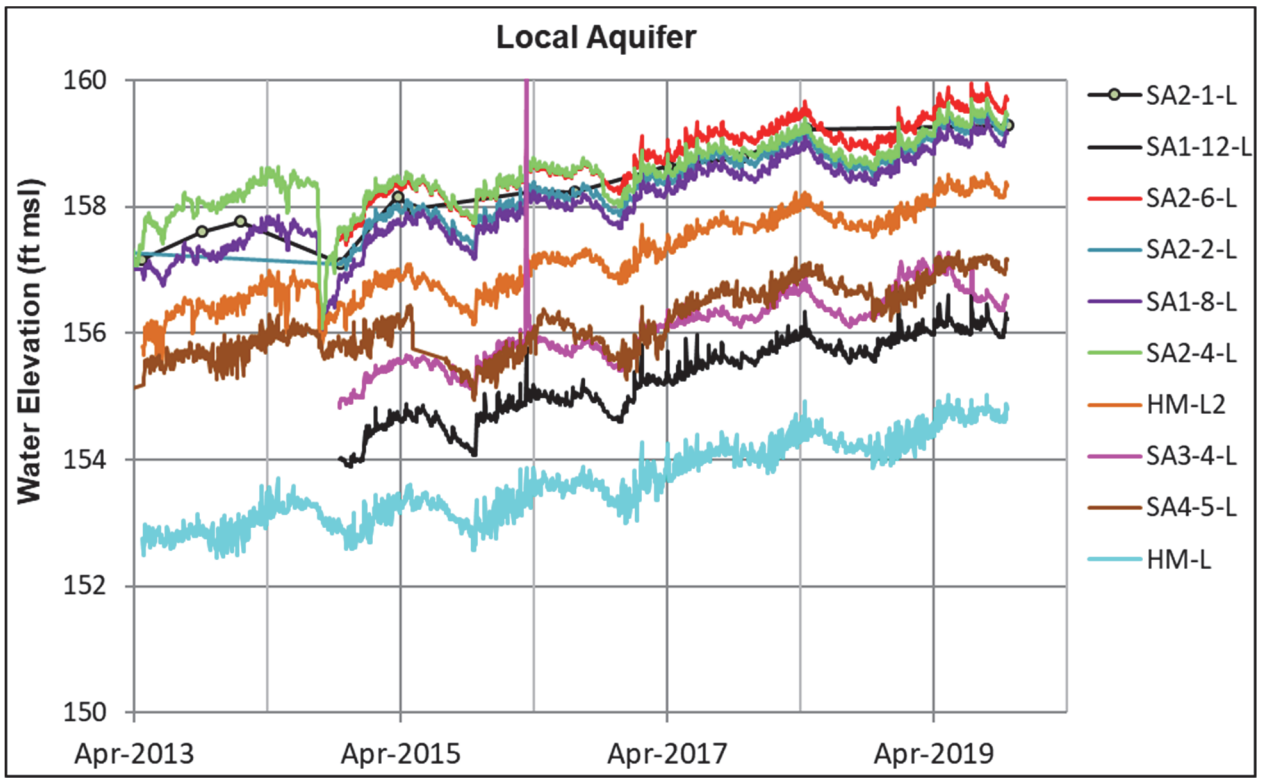


Figure 13. Local Aquifer Wells Water Elevations

Three additional Local Aquifer wells were installed in September 2014 (see Appendix C for details) to help interpret flow directions. It was suspected that the potential existed for Local Aquifer flow directions to be similar to those in the Alluvial Aquifer, toward Half Moon Creek from the high areas west and east of SGZ, then overall to the north. However, results appear to indicate inward flow at the site toward SGZ. Well HM-L at SGZ continues to have the lowest Local Aquifer water elevation. The well that would have confirmed that there was or was not a horizontal gradient to the north (SA1-12-L) was screened over a shallower sand lens that was better developed at this location than in other Local Aquifer wells (see Appendix C for details). The water elevation at SA1-12-L is 15 to 20 ft higher than what would be expected for a well screened solely in the Local Aquifer (Figure 14). This was unfortunate from a flow interpretation perspective but beneficial in that it confirms the presence of additional sand lenses in the confining unit that separates the Alluvial and Local Aquifers, at least north of SGZ and almost directly below Half Moon Creek. It also provides a good analyte monitoring location in a relatively higher stratigraphic position than other Local Aquifer wells. Water level variations in SA1-12-L behave very similarly to those of other Local Aquifer wells.

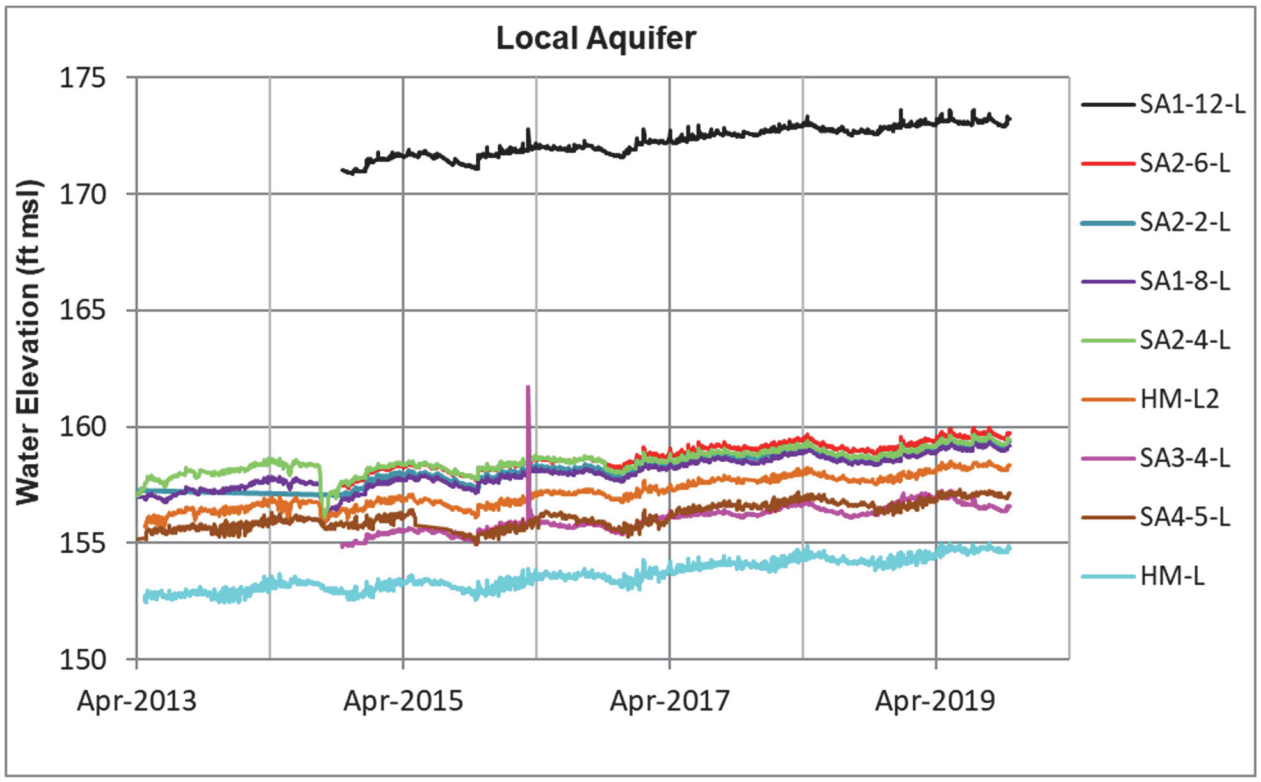


Figure 14. Local Aquifer Wells Water Elevations—Vertical Scale Expanded for SA1-12-L

4.2 Analytical Results for the Shallow Source Areas

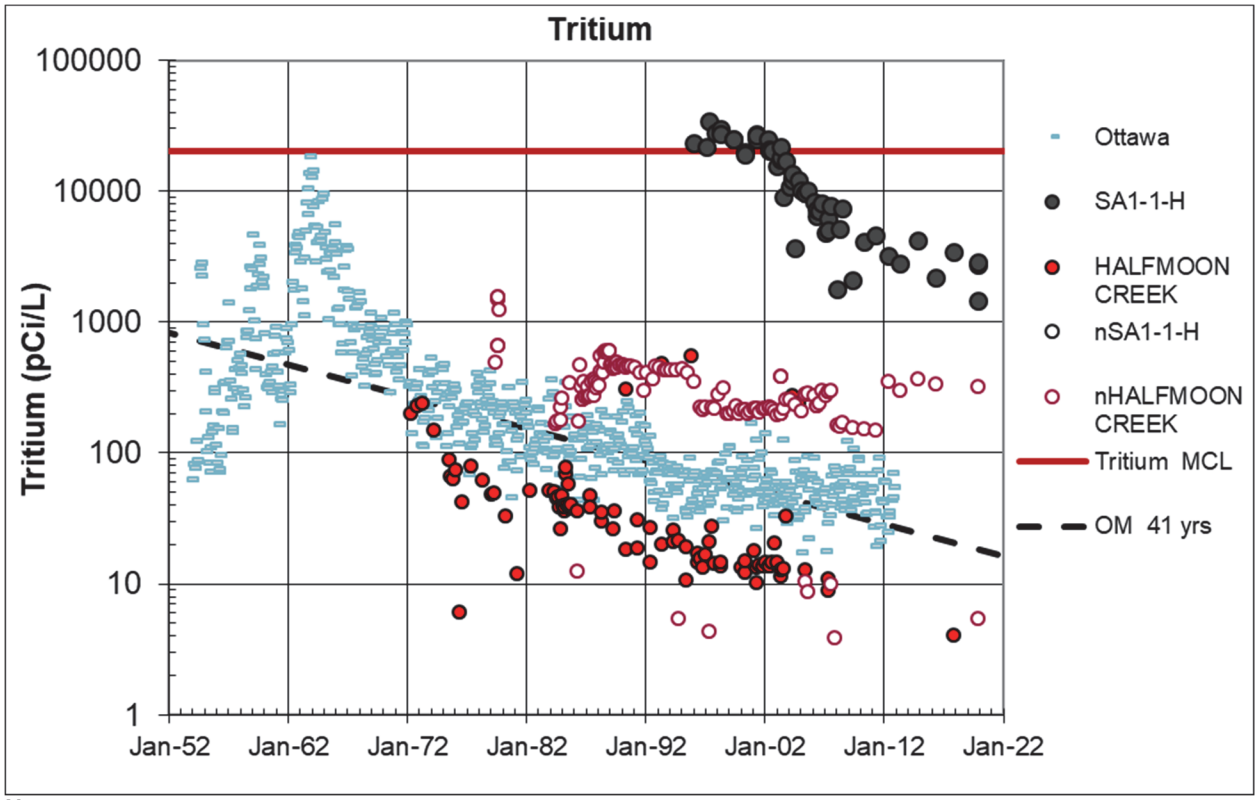
Tritium and trichloroethene (TCE), along with TCE degradation products *cis*-1,2-dichloroethene (DCE) and vinyl chloride, have been observed in shallow groundwater near SGZ. As described in Section 3.3, all tritium contamination near SGZ is attributed to wastes from drill-back operations and not upward migration from the test cavity. No significant concentrations of tritium or TCE have been detected in groundwater outside of the SGZ area or above background levels in surface water with the exception of the Half Moon Creek overflow pond, which is located between the well cluster at SGZ and Half Moon Creek (Figure 2). The primary source is believed to be Mud Pit #2, located adjacent to SA1-1-H, the well with the highest tritium concentration (Figure 16). Mud Pit #2 was used during drill-back operations into the test cavity.

The tritium concentration in precipitation that resulted from atmospheric testing through the early 1960s is plotted for reference on the following Alluvial Aquifer tritium concentration charts (Figure 15, Figure 17, Figure 18, Figure 24, and Figure 26). Data are available at the webpage for Global Network of Isotopes in Precipitation (http://www-naweb.iaea.org/napc/ih/IHS_resources_gnip.html). Ottawa, Canada, has the longest record and is representative of the Northern Hemisphere. The Ottawa tritium data are presented in Figure 15 along with the results from SA1-1-H (the well with the highest tritium concentration at the site) and the Half Moon Creek surface water sampling location.

Tritium has been below its 20,000 picocuries per liter (pCi/L)[1] maximum contaminant level (MCL) at all site locations since 2004. Locations with elevated concentrations (Figure 17) in the Alluvial Aquifer are declining faster than the rate of decay[2] and are decreasing about an order of magnitude (OM) every 18 years. Tritium naturally decays an OM every 41 years. The accelerated rate of decline is due to dilution by infiltration and horizontally migrating uncontaminated groundwater. Tritium concentrations in the Half Moon Creek overflow pond are also decreasing an OM every 18 years and have been below the standard method detection limit (typically between 300 to 400 pCi/L) since 2007 (Figure 18). Tritium appears to be seasonally affected in higher-concentration wells SA1-1-H and HMH-5R, with elevated concentrations in the fall when there is less dilution (Figure 17 shows October 2014, October 2017, and October 2019 results). Nondetect results are plotted at their detection limit. Well SA1-1-H was sampled at three different levels in 2019 (15, 25, and 30 ft) to determine if tritium concentrations were stratified in the Alluvial Aquifer. The results from the typical sample depth (25 ft) and from the lower part of the screen zone (30 ft) were almost the same. The result from the shallow part of the screen zone (15 ft) was about half that of the other two results. This likely due to dilution from infiltration in the upper part of the aquifer.

The TCE results for these wells are also elevated during fall sampling events. Site studies showed that shallow groundwater at SGZ discharged into the overflow pond (DOE 1978). The pond was also used for discharge of purge water from monitoring wells.

[1] Tritium activity will be referred to as tritium concentration throughout the document to be consistent with other analytes.
[2] The half-life of tritium is 12.3 years or a 41-year order-of-magnitude life.



Note:
Open symbols preceded by an "n" in the legend are nondetect results plotted at the detection limit when present.

Figure 15. Tritium Concentrations—Ottawa, Canada, Precipitation Plotted with Results from Highest-Concentration Well at the Site and Half Moon Creek

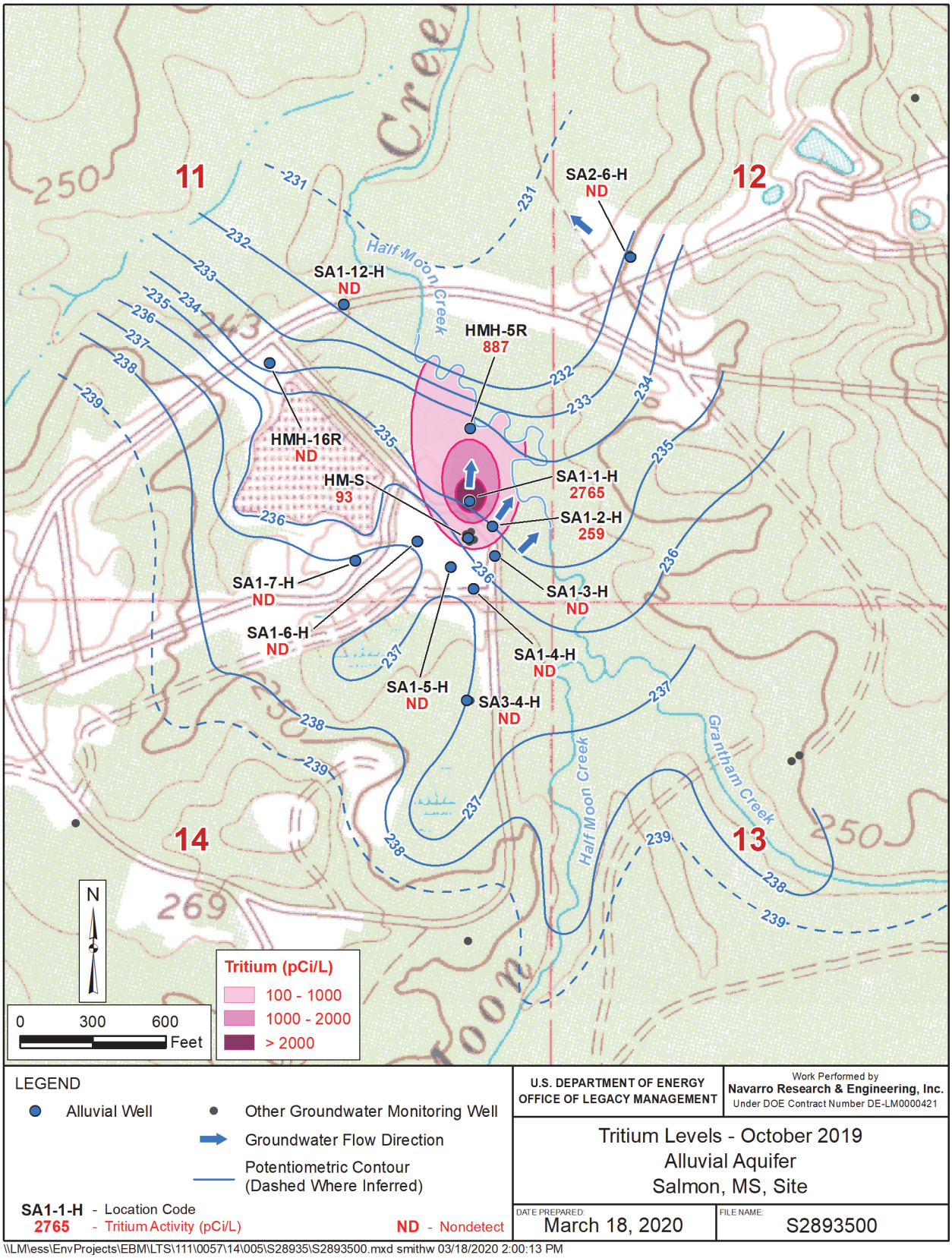
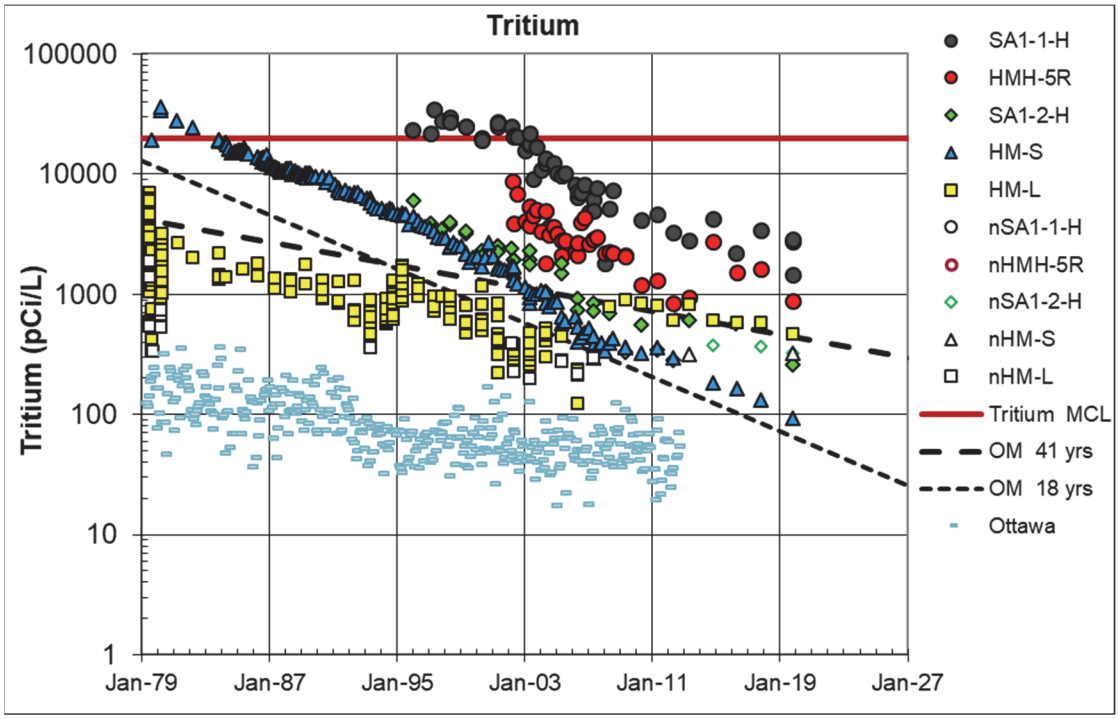
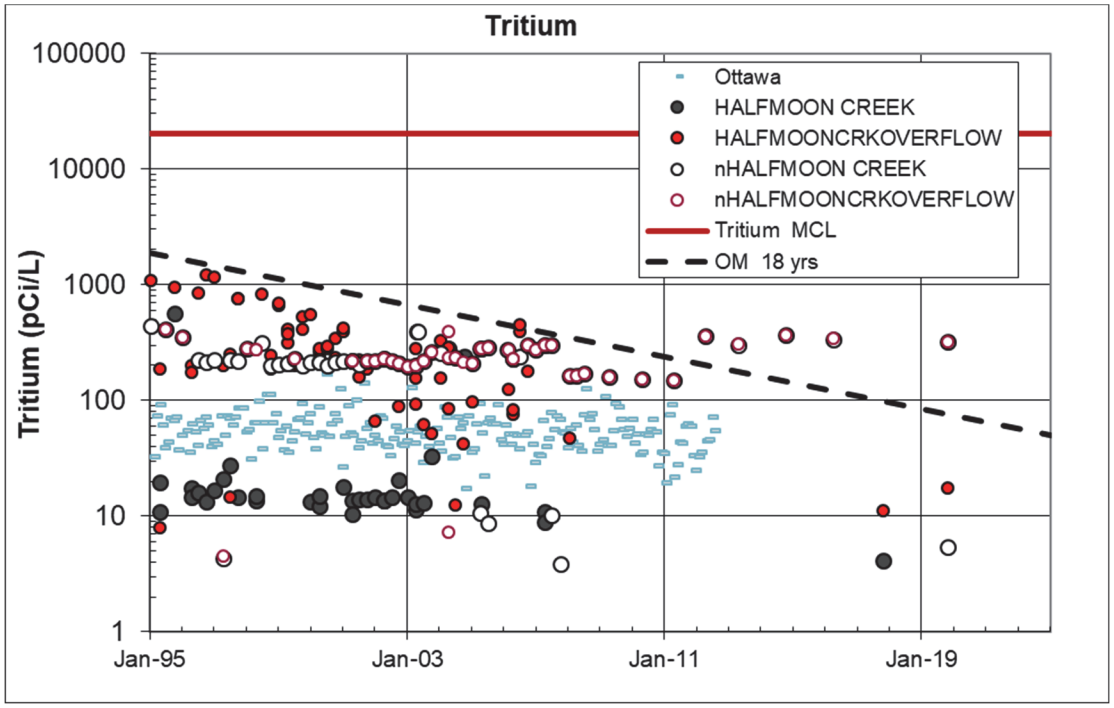


Figure 16. Tritium Concentrations—Alluvial Aquifer



Note:
Open symbols preceded by an "n" in the legend are nondetect results plotted at the detection limit when present.

Figure 17. Salmon Site Wells with Elevated Tritium Concentrations



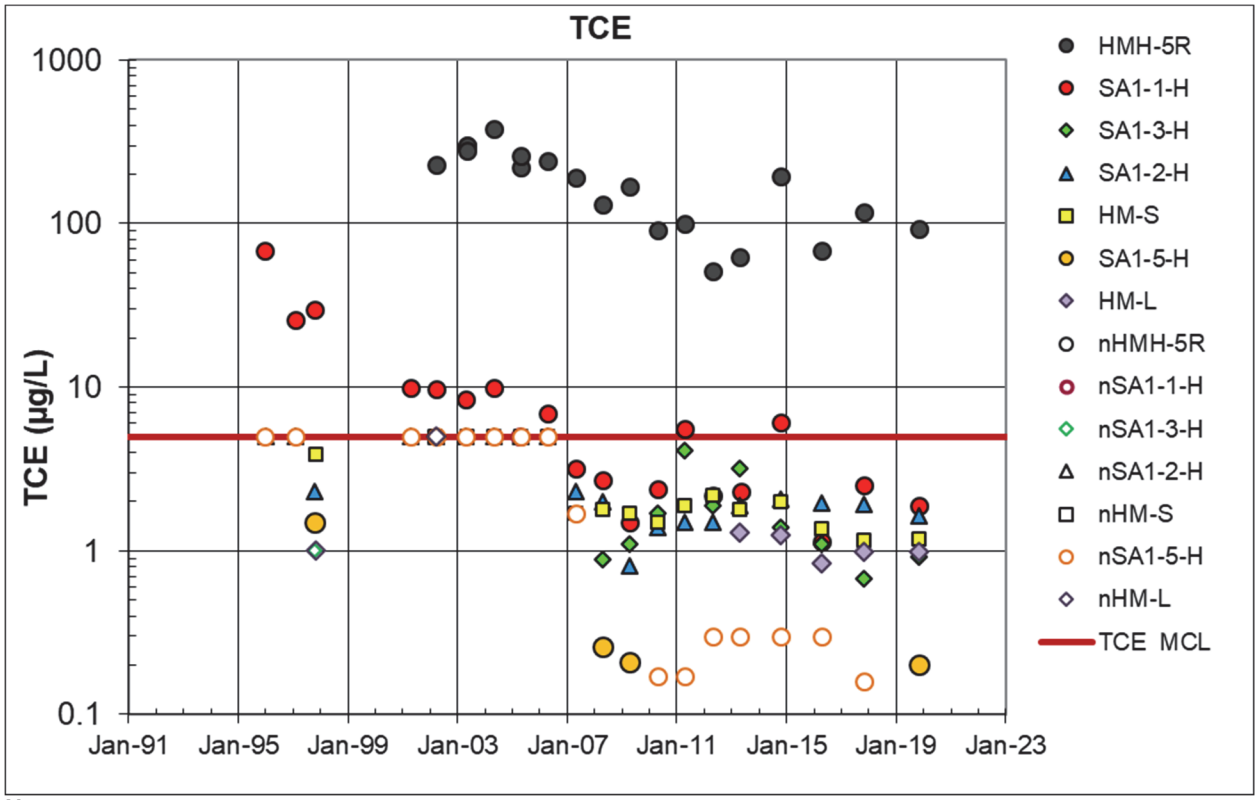
Note:
Open symbols preceded by an "n" in the legend are nondetect results plotted at the detection limit when present.

Figure 18. Half Moon Creek Overflow Tritium Concentrations

Tritium is also found in the Local Aquifer at SGZ in well HM-L and is attributed to downward movement from the surficial aquifer, likely due to downward migration during drilling and aquifer testing activities at SGZ. TCE has also been detected at low levels (below the 5 micrograms per liter [µg/L] MCL) in Local Aquifer well HM-L at SGZ. The migration path for these contaminants is believed to be along one or several of the numerous boreholes at SGZ. It is also possible that there are unidentified sand lenses in the confining layer separating the Alluvial and Local Aquifers that provide a hydraulic connection between the two units. No tritium (or TCE) has been observed in the aquifers between the test cavity and the Local Aquifer. Appendix A contains analytical data collected in 2019 for all the monitoring wells.

TCE is present above the 5 µg/L MCL in well HMH-5R near SGZ; it was detected at 93 µg/L in October 2019 (Figure 19). TCE concentrations vary seasonally (higher concentrations when water levels are lower in the late summer and fall) based on recent spring and fall sampling results from HMH-5R and SA1-1-H (Figure 19). On the map of TCE concentrations above the MCL (Figure 20), the small plume surrounding HMH-5R would expand to include SA1-1-H based on the fall 2014 data (a size similar to the plume of elevated tritium concentrations [Figure 16]). The October 2019 TCE result from SA1-1-H was elevated (1.9 µg/L) though less than the 5 µg/L MCL. TCE, like tritium, is decreasing over time due to degradation and dilution. The presence of degradation product *cis*-1,2-DCE, which in turn degrades to vinyl chloride, confirms that TCE is degrading and also being diluted. Concentrations of *cis*-1,2-DCE are occasionally at or above the 70 µg/L MCL in wells HMH-5R and SA1-3-H (Figure 21), and vinyl chloride has been detected in wells SA1-3-H and SA1-2-H (Figure 22).

The contamination in the Alluvial Aquifer is slowly being flushed by groundwater flow to Half Moon Creek, as evidenced by the tritium and TCE plume maps shown in Figure 16 and Figure 20, respectively. This is effectively attenuating the source areas over time with no measurable impact to the environment. There is no indication that discharge of groundwater to surface water has had an impact on surface water quality. VOCs have not been detected in downstream Half Moon Creek sampling locations, and tritium levels have been consistently below those observed in precipitation (Figure 26). Analyte results from stream samples entering the site are similar to those of the Half Moon Creek location leaving the site; there are no site-related impacts to surface water leaving the site boundary. Analytical data for surface water locations are included in Appendix B.



Note:
Open symbols preceded by an "n" in the legend are nondetect results plotted at the detection limit when present.

Figure 19. TCE Concentrations

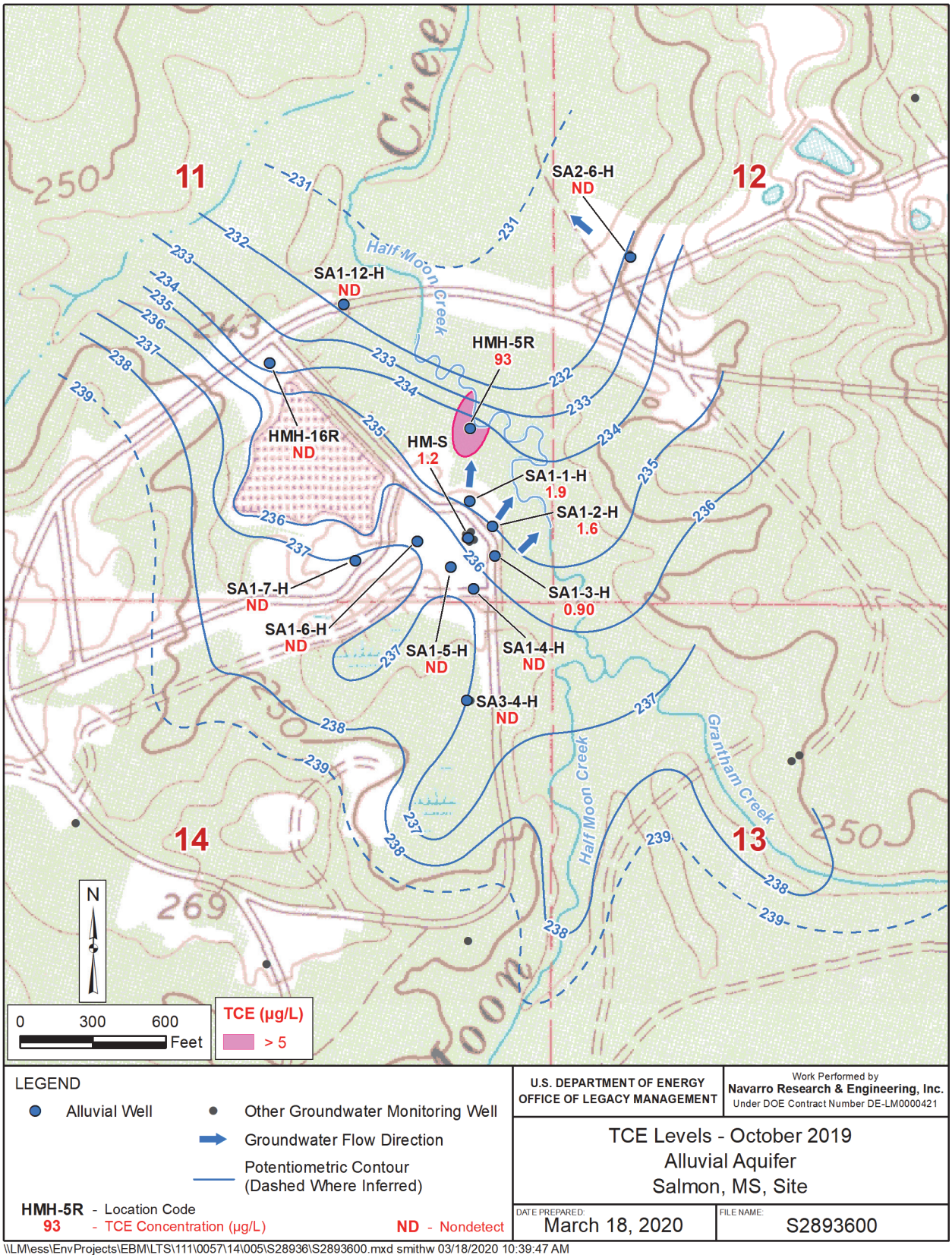
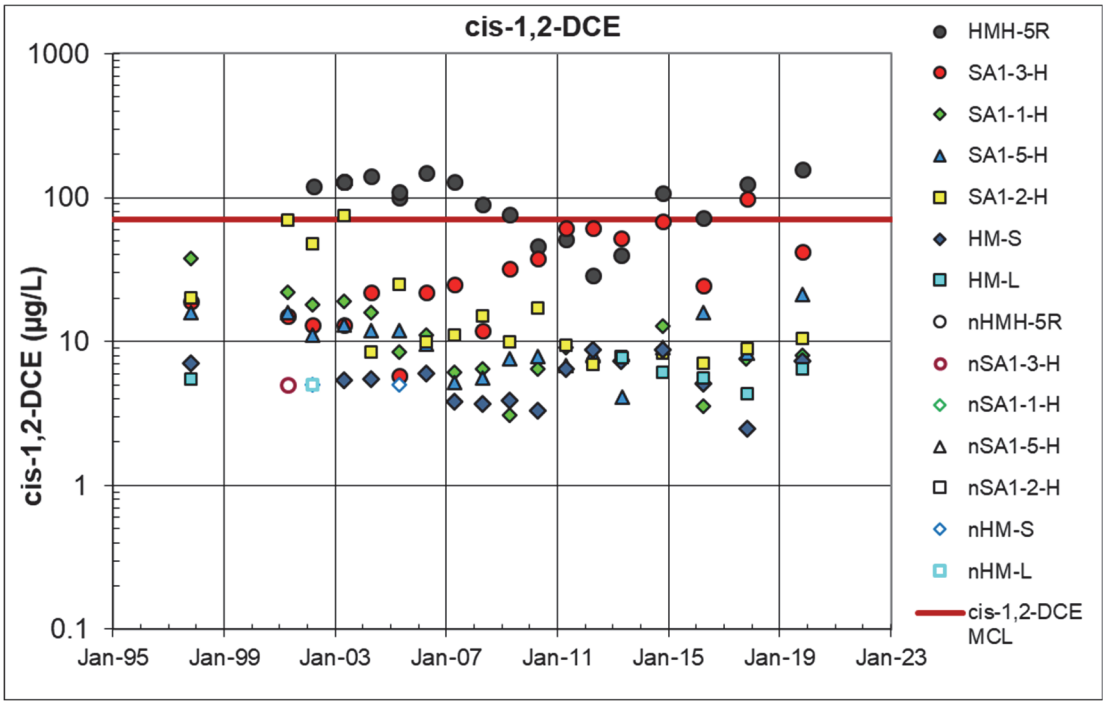
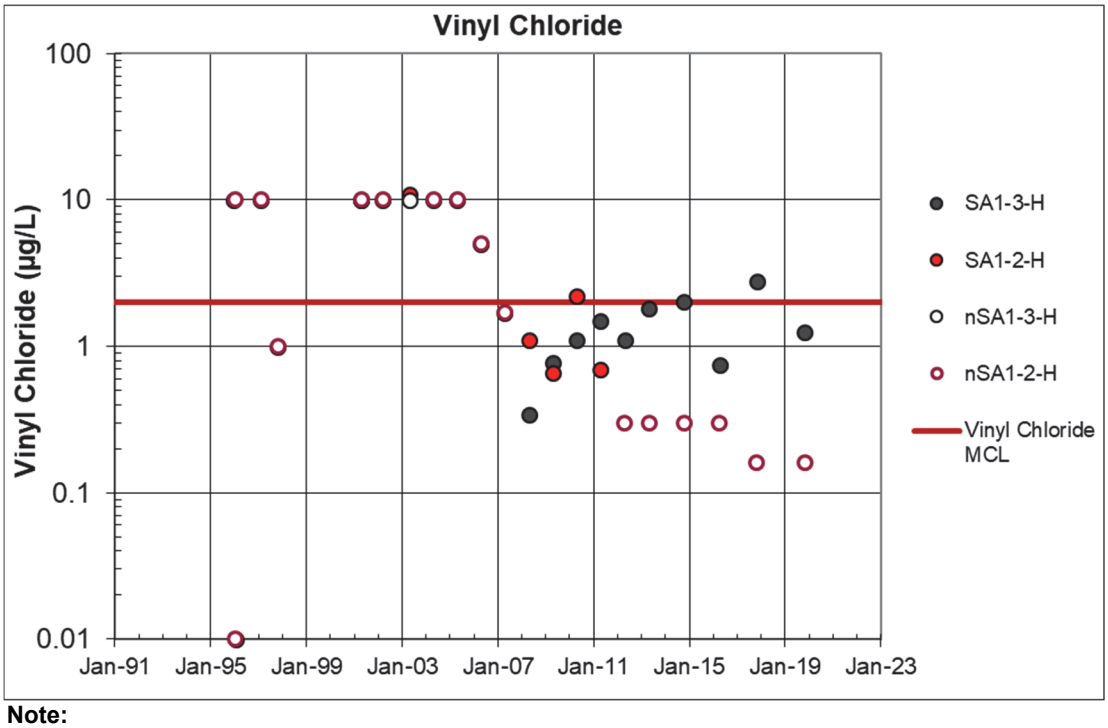


Figure 20. TCE Concentrations—Alluvial Aquifer



Note:
Open symbols preceded by an "n" in the legend are nondetect results plotted at the detection limit when present.

Figure 21. Wells with Elevated cis-*1,2-DCE Concentrations*



Note:
Open symbols preceded by an "n" in the legend are nondetect results plotted at the detection limit when present.

Figure 22. Wells with Vinyl Chloride Detections

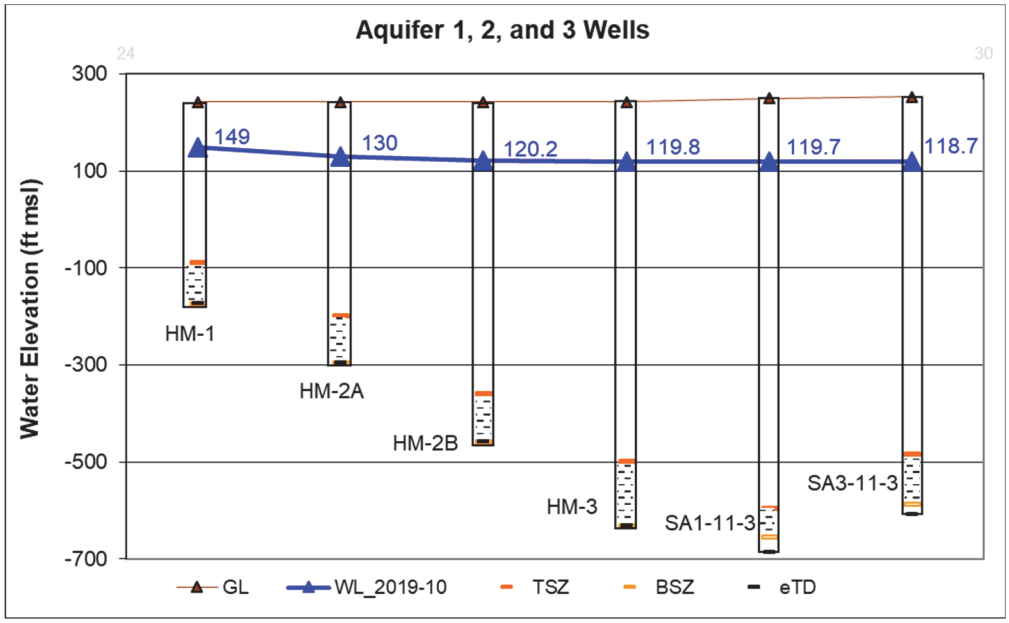
5.0 Monitoring Results of the Test Cavity

5.1 Migration of Test Cavity Contamination

The radionuclides that remain in the test cavity are hydraulically isolated within the salt dome (Figure 4). The only feasible migration pathways are the emplacement and postshot reentry well boreholes (Figure 3). Previous studies have been conducted to evaluate the potential for migration of contaminants from the test cavity. A hydrologic study conducted at the site in the late 1970s investigated the potential interactions of the different aquifers (DOE 1980) overlying the cavity. This involved installing a cluster of six wells at SGZ to monitor each of the six aquifers above the salt dome. As previously stated, results indicated no evidence of upward leakage from the test cavity, and all surficial tritium was attributed to drill-back operations. The 2019 monitoring results support this conclusion.

The salt comprising the dome is relatively plastic; over time, it is expected to fill the cavity and seal the boreholes, isolating the contamination. As this occurs, there is the potential for contamination to be pushed upward. If this happens, tritium is expected to be the first radionuclide detected because of its mobility and because it was produced in significant quantities by the detonation. Samples are regularly collected and analyzed for tritium from the SGZ well cluster that is near the emplacement and reentry boreholes. The four deeper wells in the SGZ cluster are screened in Aquifers 1, 2A, 2B, and 3 (wells HM-1, HM-2A, HM-2B, HM-3). The caprock is also monitored by well E-7, though it is 2000 ft southwest of SGZ.

If contamination were to leak from the cavity, the downward vertical gradient would impede upward migration to shallower aquifers (Figure 23). The horizontal gradient in the lowest aquifer, Aquifer 3, is gentle and to the south, toward wells SA3-11-3 (about 1700 ft south of SGZ) and SA1-11-3 (about 1600 ft southeast of SGZ) (Figure 2).



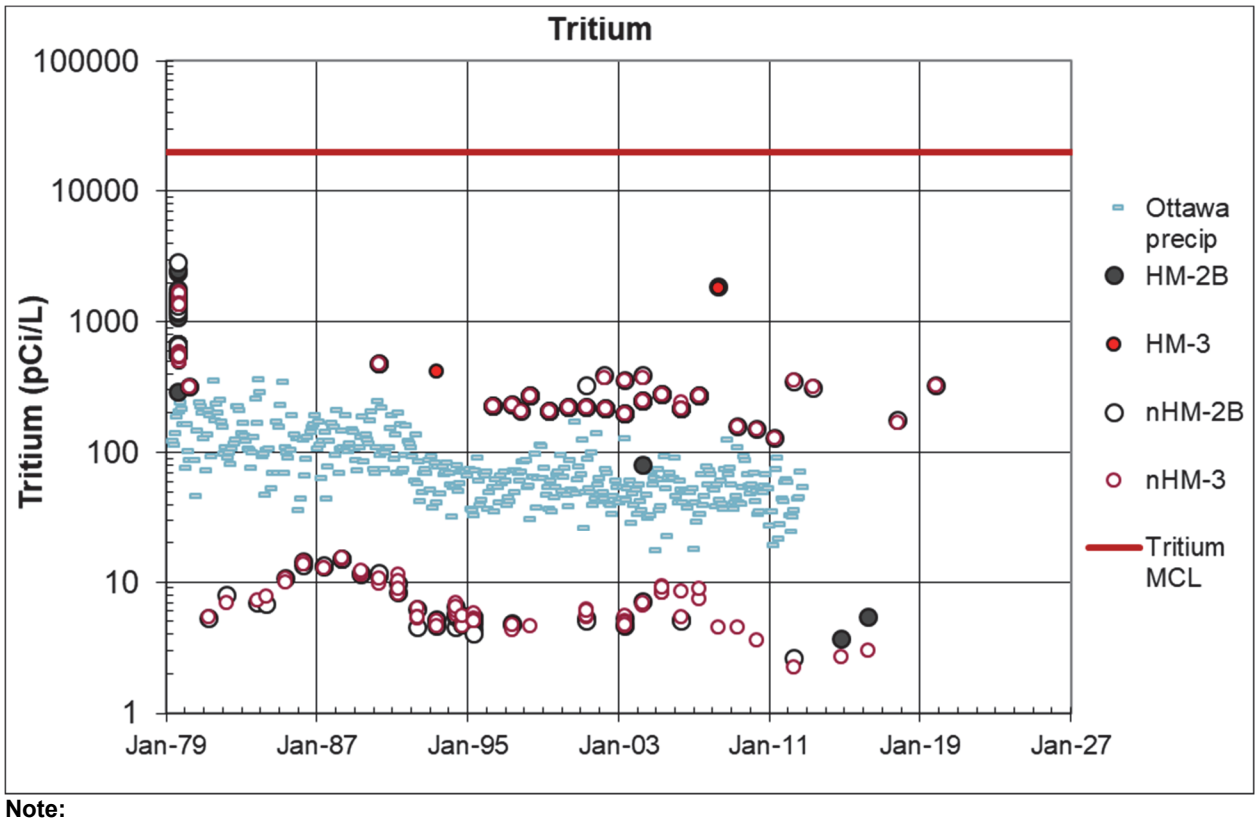
Abbreviations: BSZ (bottom of screen zone), eTD (elevation total depth), GL (ground level), TSZ (top of screen zone),WL (water level)

Figure 23. Water Elevations in Aquifer 1, 2, and 3 Wells—October 2019

5.2 Analytical Results for Test Cavity Monitoring

Tritium monitoring was conducted at five monitoring wells above the dome (HM-L, HM-1, HM-2A, HM-2B, HM-3) to detect leakage from the test cavity. Tritium levels are typically below the detection limit, even using the enriched method (typical detection limit of 5 to 10 pCi/L), in all deeper aquifer well samples. Tritium is naturally occurring at less than 5 pCi/L (IAEA 2017). Water in the deeper aquifers predates atmospheric test–related tritium in precipitation. Tritium in those aquifers was introduced by drilling. Tritium was observed at elevated levels in samples collected in April 2008 from wells HM-2b (Aquifer 2b) and HM-3 (Aquifer 3b). The results are believed to be in error because analysis of duplicate samples collected by the Mississippi State Department of Health were all below the detection limit, which is consistent with historical sample results (Figure 24). The results for well HM-3 and HM-2b are presented in Figure 24 to illustrate the low levels of tritium in the deeper aquifers. Tritium results in horizontally downgradient Aquifer 3 wells (SA1-11-3 and SA3-11-3) have all been below detection (Figure 25).

Select samples at the Salmon site are being analyzed for chlorine-36 (301,000 year half-life) as a possible long-term replacement for tritium (12.3 year half-life) as an indicator for contaminant migration from the test cavity. After enough data has been collected to establish a baseline, chlorine-36 will be evaluated as a potential substitute for tritium in the future.



Note:
Open symbols preceded by an "n" in the legend are nondetect results plotted at the detection limit when present.

Figure 24. Deep Aquifer Salmon Site Wells with Tritium Detections

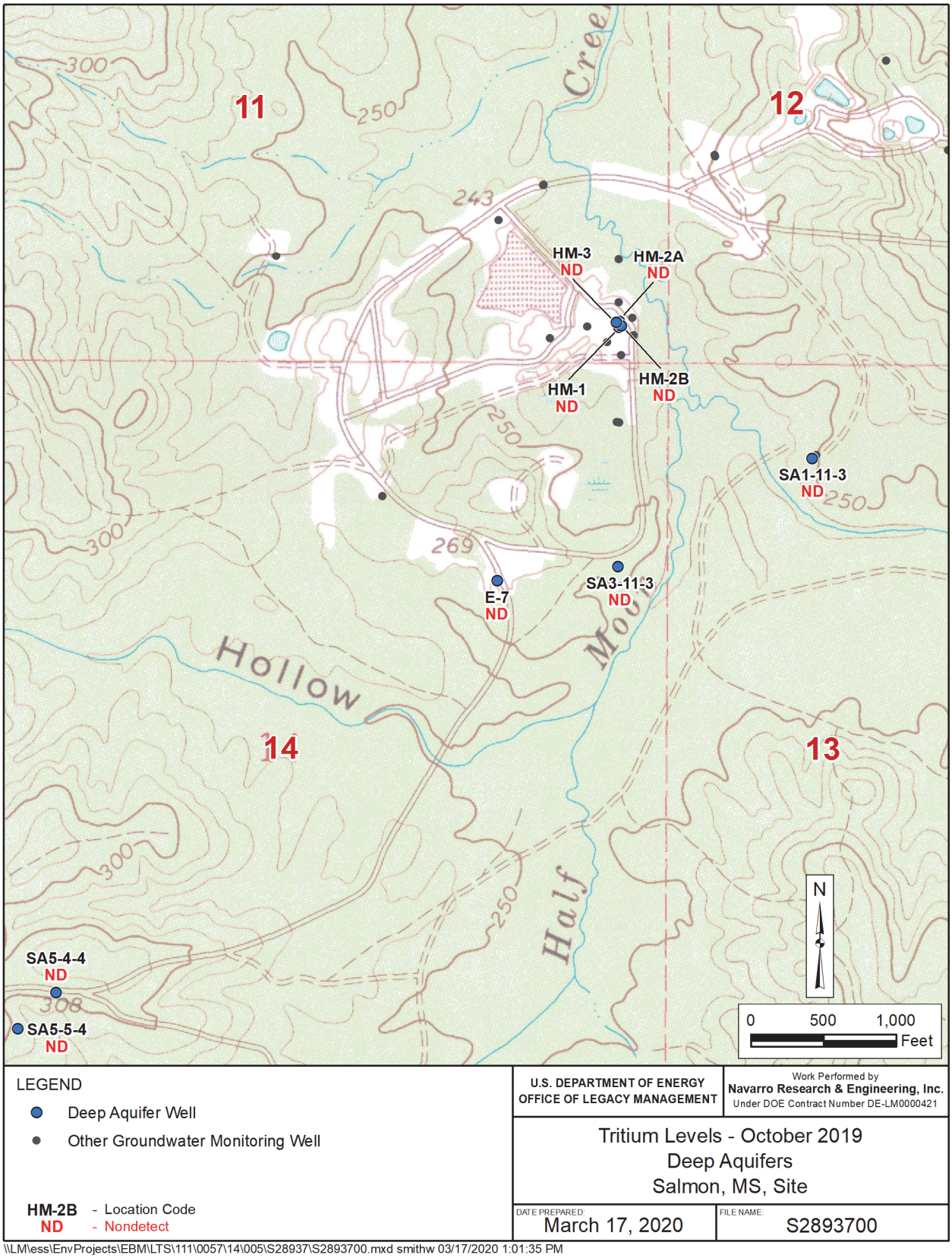


Figure 25. Tritium in Deep Wells

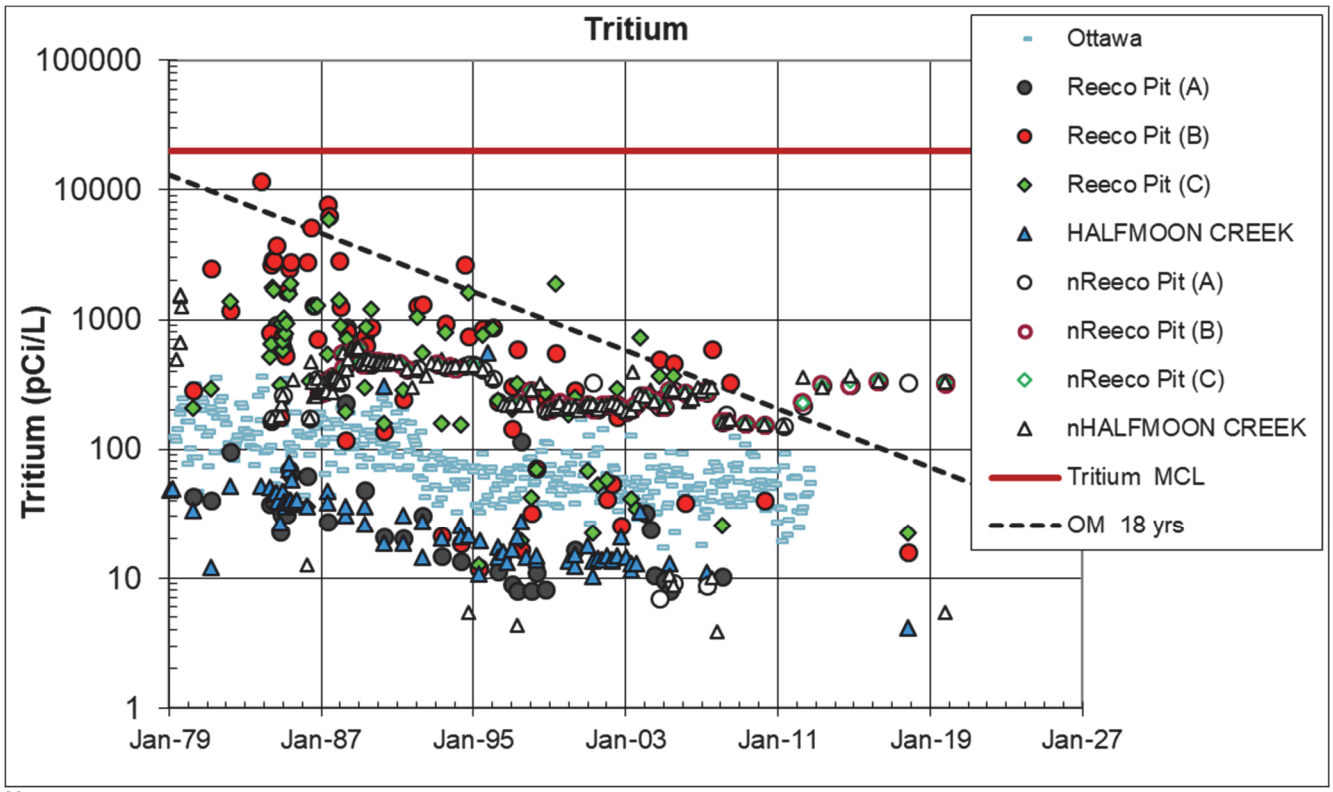
6.0 Monitoring Results of the Aquifer 5 Waste Injection

Waste materials injected into Aquifer 5 for disposal are of the same nature as the materials in the test cavity. The injection well was plugged in 1971, and there are no Aquifer 5 monitoring wells. Two wells in overlying Aquifer 4 are monitored for upward migration of tritium and chlorine-36, a monitoring approach similar to that of the test cavity. Tritium data provide no evidence of upward contaminant movement from Aquifer 5 into overlying Aquifer 4. The relative position of Aquifer 5, Aquifer 4, and the dome can be seen on Figure 4.

7.0 Other Site Monitoring

7.1 REECo Pits

Elevated tritium concentrations have also been observed in seeps near the REECo pits area, on the ridge northeast of Half Moon Creek (Figure 2). This area is where former waste burial disposal pits used by Reynolds Electrical & Engineering Company, Inc. (REECo) during site remediation are located. The seeps occur near where the hillslope exposes the contact of the confining unit and the overlying saturated Citronelle Formation Aquifer (Figure 5). The tritium levels in the seeps near the REECo pits have been below the 20,000 pCi/L MCL since 1979 and have been declining at a rate of an OM every 18 years (Figure 26). Since 2008, sample results have been below detection using the conventional tritium analysis method.



Note:
Open symbols preceded by an “n” in the legend are nondetect results plotted at the detection limit when present.

Figure 26. Tritium Concentrations in the REECo Pits

Two of the wells installed for additional hydraulic control in 2014 (SA2-6-H and SA2-6-L) are downslope and downgradient from the REECo pits (Figure 2). The October 2014 and April 2016 sample results from these wells were below the enriched method detection limit except for one result (October 17, 2014) of 4.6 pCi/L. That result is less than 2 times the enriched method detection limit (Appendix A). Samples collected since 2016 have been analyzed using the conventional method, which has typical detection limits of around 300 pCi/L. The October 2019 sample results were below the detection limit of the standard tritium analysis method.

7.2 Metals

Sampling for metals was discontinued for the 2019 sampling event based on the recommendation from the 2017 sampling report.

8.0 Summary and Recommendations

Sampling of groundwater and surface water at the site is conducted to monitor the shallow groundwater contamination left from site activities, contamination within the shot cavity, and contamination in the Aquifer 5 injection well. No contamination above MCLs was detected in surface water leaving the site. Concentrations of VOCs continue to trend downward, and only two wells have VOC concentrations that exceed MCLs. Tritium concentrations in all wells are below the MCL, and it continues to attenuate and to decline as a result of radioactive decay. By 2060, tritium at all shallow monitoring locations will have decayed to levels below the standard method detection limit (300 to 400 pCi/L). Monitoring of deeper aquifers shows no indication of leakage from either the test cavity or the injection well.

Metals sampling was discontinued following the October 2017 sampling event. VOC sampling at selected locations should be conducted until the TCE in well HMH-5R is below the MCL, which is predicted to be within the next decade or so (DOE 2014).

9.0 References

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Appendix A

Surface Water Monitoring Results

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SURFACE WATER QUALITY DATA BY PARAMETER (EQuIS800) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:39:44 AM

PARAMETER	LOCATION CODE	SAMPLE DATE	SAMPLE TYPE	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECT. LIMIT	UNCERTAINTY
Alkalinity, Bicarbonate (HCO3) as CaCO3										
Alkalinity, Bicarbonate (HCO3) as CaCO3	GC-E	10/22/2019	(N)F	4.97	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	Half Moon Ck Exit	10/23/2019	(N)F	4.37	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HALFMOON CREEK	10/23/2019	(N)F	4.37	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HickHCrTSD-East	10/22/2019	(N)F	3.97	mg/L	J		#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HMC-S	10/22/2019	(N)F	4.37	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	Pond West of GZ	10/23/2019	(N)F	7.95	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	Reeco Pit (A)	10/23/2019	(N)F	20.7	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	Reeco Pit (B)	10/23/2019	(N)F	56.6	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	Reeco Pit (C)	10/23/2019	(N)F	39.9	mg/L			#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3										
Alkalinity, Carbonate (CO3) as CaCO3	GC-E	10/22/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	Half Moon Ck Exit	10/23/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HALFMOON CREEK	10/23/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HickHCrTSD-East	10/22/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HMC-S	10/22/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	Pond West of GZ	10/23/2019	(N)F	1.45	mg/L	U		#	1.45	-

SURFACE WATER QUALITY DATA BY PARAMETER (EQuIS800) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:39:44 AM

PARAMETER	LOCATION CODE	SAMPLE DATE	SAMPLE TYPE	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECT. LIMIT	UNCERTAINTY
Alkalinity, Carbonate (CO3) as CaCO3	Reeco Pit (A)	10/23/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	Reeco Pit (B)	10/23/2019	(N)F	1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	Reeco Pit (C)	10/23/2019	(N)F	1.45	mg/L	U		#	1.45	-
Calcium										
Calcium	GC-E	10/22/2019	(T)F	0.726	mg/L			#	0.05	-
Calcium	Half Moon Ck Exit	10/23/2019	(T)F	0.634	mg/L			#	0.05	-
Calcium	HALFMOON CREEK	10/23/2019	(T)F	0.611	mg/L			#	0.05	-
Calcium	HALFMOONCRK OVERFLOW	10/23/2019	(D)F	38.4	mg/L			#	0.05	-
Calcium	HickHCrTSD-East	10/22/2019	(T)F	0.627	mg/L			#	0.05	-
Calcium	HMC-S	10/22/2019	(T)F	0.601	mg/L			#	0.05	-
Calcium	Pond West of GZ	10/23/2019	(T)F	7.6	mg/L			#	0.05	-
Calcium	Reeco Pit (A)	10/23/2019	(D)F	5.06	mg/L			#	0.05	-
Calcium	Reeco Pit (B)	10/23/2019	(D)F	19.3	mg/L			#	0.05	-
Calcium	Reeco Pit (C)	10/23/2019	(D)F	15.8	mg/L			#	0.05	-
Chloride										
Chloride	GC-E	10/22/2019	(N)F	4.08	mg/L			#	0.067	-
Chloride	Half Moon Ck Exit	10/23/2019	(N)F	3.19	mg/L			#	0.067	-
Chloride	HALFMOON CREEK	10/23/2019	(N)F	3.16	mg/L			#	0.067	-
Chloride	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	17.7	mg/L			#	0.67	-
Chloride	HickHCrTSD-East	10/22/2019	(N)F	2.76	mg/L			#	0.067	-
Chloride	HMC-S	10/22/2019	(N)F	3.32	mg/L			#	0.067	-
Chloride	Pond West of GZ	10/23/2019	(N)F	16.7	mg/L			#	0.134	-
Chloride	Reeco Pit (A)	10/23/2019	(N)F	3.51	mg/L			#	0.067	-
Chloride	Reeco Pit (B)	10/23/2019	(N)F	20	mg/L			#	0.335	-
Chloride	Reeco Pit (C)	10/23/2019	(N)F	28.1	mg/L			#	0.335	-
Dissolved Oxygen										
Dissolved Oxygen	GC-E	10/22/2019	(N)F	7.16	mg/L			#	-	-
Dissolved Oxygen	Half Moon Ck Exit	10/23/2019	(N)F	9.6	mg/L			#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (EQuIS800) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:39:44 AM

PARAMETER	LOCATION CODE	SAMPLE DATE	SAMPLE TYPE	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECT. LIMIT	UNCERTAINTY
Dissolved Oxygen	HALFMOON CREEK	10/23/2019	(N)F	9.12	mg/L			#	-	-
Dissolved Oxygen	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	3.95	mg/L			#	-	-
Dissolved Oxygen	HickHCrTSD-East	10/22/2019	(N)F	5.49	mg/L			#	-	-
Dissolved Oxygen	HMC-S	10/22/2019	(N)F	8.12	mg/L			#	-	-
Dissolved Oxygen	Pond West of GZ	10/23/2019	(N)F	8.13	mg/L			#	-	-
Dissolved Oxygen	Reeco Pit (A)	10/23/2019	(N)F	4.9	mg/L			#	-	-
Dissolved Oxygen	Reeco Pit (B)	10/23/2019	(N)F	4.33	mg/L			#	-	-
Dissolved Oxygen	Reeco Pit (C)	10/23/2019	(N)F	6.3	mg/L			#	-	-
Enriched Tritium										
Enriched Tritium	HALFMOON CREEK	10/23/2019	(N)F	5.247	pCi/L	U		#	5.435	± 3.696
Enriched Tritium	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	17.582	pCi/L			#	5.387	± 6.449
Magnesium										
Magnesium	GC-E	10/22/2019	(T)F	0.58	mg/L			#	0.11	-
Magnesium	Half Moon Ck Exit	10/23/2019	(T)F	0.587	mg/L			#	0.11	-
Magnesium	HALFMOON CREEK	10/23/2019	(T)F	0.575	mg/L			#	0.11	-
Magnesium	HALFMOONCRK OVERFLOW	10/23/2019	(D)F	3.03	mg/L			#	0.11	-
Magnesium	HickHCrTSD-East	10/22/2019	(T)F	0.387	mg/L			#	0.11	-
Magnesium	HMC-S	10/22/2019	(T)F	0.524	mg/L			#	0.11	-
Magnesium	Pond West of GZ	10/23/2019	(T)F	1.65	mg/L			#	0.11	-
Magnesium	Reeco Pit (A)	10/23/2019	(D)F	0.809	mg/L			#	0.11	-
Magnesium	Reeco Pit (B)	10/23/2019	(D)F	2.34	mg/L			#	0.11	-
Magnesium	Reeco Pit (C)	10/23/2019	(D)F	2.13	mg/L			#	0.11	-
Oxidation Reduction Potential										
Oxidation Reduction Potential	GC-E	10/22/2019	(N)F	204	mV			#	-	-
Oxidation Reduction Potential	Half Moon Ck Exit	10/23/2019	(N)F	158.8	mV			#	-	-
Oxidation Reduction Potential	HALFMOON CREEK	10/23/2019	(N)F	191.1	mV			#	-	-
Oxidation Reduction Potential	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	311	mV			#	-	-
Oxidation Reduction Potential	HickHCrTSD-East	10/22/2019	(N)F	212.7	mV			#	-	-
Oxidation Reduction Potential	HMC-S	10/22/2019	(N)F	237.1	mV			#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (EQuIS800) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE	SAMPLE DATE	SAMPLE TYPE	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECT. LIMIT	UNCERTAINTY
Oxidation Reduction Potential	Pond West of GZ	10/23/2019	(N)F	212.2	mV			#	-	-
Oxidation Reduction Potential	Reeco Pit (A)	10/23/2019	(N)F	83	mV			#	-	-
Oxidation Reduction Potential	Reeco Pit (B)	10/23/2019	(N)F	77	mV			#	-	-
Oxidation Reduction Potential	Reeco Pit (C)	10/23/2019	(N)F	126.5	mV			#	-	-
Percent Dissolved Oxygen										
Percent Dissolved Oxygen	Half Moon Ck Exit	10/23/2019	(N)F	99.6	%			#	-	-
pH										
pH	GC-E	10/22/2019	(N)F	5.6	s.u.			#	-	-
pH	Half Moon Ck Exit	10/23/2019	(N)F	6.18	s.u.			#	-	-
pH	HALFMOON CREEK	10/23/2019	(N)F	6.35	s.u.			#	-	-
pH	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	4.52	s.u.			#	-	-
pH	HickHCrTSD-East	10/22/2019	(N)F	5.47	s.u.			#	-	-
pH	HMC-S	10/22/2019	(N)F	5.35	s.u.			#	-	-
pH	Pond West of GZ	10/23/2019	(N)F	6.18	s.u.			#	-	-
pH	Reeco Pit (A)	10/23/2019	(N)F	5.82	s.u.			#	-	-
pH	Reeco Pit (B)	10/23/2019	(N)F	6.35	s.u.			#	-	-
pH	Reeco Pit (C)	10/23/2019	(N)F	6.55	s.u.			#	-	-
Potassium										
Potassium	GC-E	10/22/2019	(T)F	0.967	mg/L			#	0.05	-
Potassium	Half Moon Ck Exit	10/23/2019	(T)F	0.702	mg/L			#	0.05	-
Potassium	HALFMOON CREEK	10/23/2019	(T)F	0.767	mg/L			#	0.05	-
Potassium	HALFMOONCRK OVERFLOW	10/23/2019	(D)F	1.79	mg/L			#	0.05	-
Potassium	HickHCrTSD-East	10/22/2019	(T)F	0.309	mg/L			#	0.05	-
Potassium	HMC-S	10/22/2019	(T)F	0.72	mg/L			#	0.05	-
Potassium	Pond West of GZ	10/23/2019	(T)F	7.43	mg/L			#	0.05	-
Potassium	Reeco Pit (A)	10/23/2019	(D)F	0.692	mg/L			#	0.05	-
Potassium	Reeco Pit (B)	10/23/2019	(D)F	0.769	mg/L			#	0.05	-
Potassium	Reeco Pit (C)	10/23/2019	(D)F	0.719	mg/L			#	0.05	-
Sodium										
Sodium	GC-E	10/22/2019	(T)F	2.1	mg/L			#	0.1	-

SURFACE WATER QUALITY DATA BY PARAMETER (EQuIS800) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:39:44 AM

PARAMETER	LOCATION CODE	SAMPLE DATE	SAMPLE TYPE	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECT. LIMIT	UNCERTAINTY
Sodium	Half Moon Ck Exit	10/23/2019	(T)F	2.06	mg/L			#	0.1	-
Sodium	HALFMOON CREEK	10/23/2019	(T)F	2.22	mg/L			#	0.1	-
Sodium	HALFMOONCRK OVERFLOW	10/23/2019	(D)F	17.4	mg/L			#	0.1	-
Sodium	HickHCrTSD-East	10/22/2019	(T)F	1.8	mg/L			#	0.1	-
Sodium	HMC-S	10/22/2019	(T)F	2.03	mg/L			#	0.1	-
Sodium	Pond West of GZ	10/23/2019	(T)F	15	mg/L			#	0.1	-
Sodium	Reeco Pit (A)	10/23/2019	(D)F	3.88	mg/L			#	0.1	-
Sodium	Reeco Pit (B)	10/23/2019	(D)F	18.8	mg/L			#	0.1	-
Sodium	Reeco Pit (C)	10/23/2019	(D)F	21.4	mg/L			#	0.1	-
Specific Conductance										
Specific Conductance	GC-E	10/22/2019	(N)F	31	umhos/cm			#	-	-
Specific Conductance	Half Moon Ck Exit	10/23/2019	(N)F	32	umhos/cm			#	-	-
Specific Conductance	HALFMOON CREEK	10/23/2019	(N)F	25	umhos/cm			#	-	-
Specific Conductance	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	334	umhos/cm			#	-	-
Specific Conductance	HickHCrTSD-East	10/22/2019	(N)F	27	umhos/cm			#	-	-
Specific Conductance	HMC-S	10/22/2019	(N)F	24	umhos/cm			#	-	-
Specific Conductance	Pond West of GZ	10/23/2019	(N)F	168	umhos/cm			#	-	-
Specific Conductance	Reeco Pit (A)	10/23/2019	(N)F	66	umhos/cm			#	-	-
Specific Conductance	Reeco Pit (B)	10/23/2019	(N)F	201	umhos/cm			#	-	-
Specific Conductance	Reeco Pit (C)	10/23/2019	(N)F	206	umhos/cm			#	-	-
Sulfate										
Sulfate	GC-E	10/22/2019	(N)F	0.133	mg/L	U		#	0.133	-
Sulfate	Half Moon Ck Exit	10/23/2019	(N)F	0.133	mg/L	U		#	0.133	-
Sulfate	HALFMOON CREEK	10/23/2019	(N)F	0.133	mg/L	U		#	0.133	-
Sulfate	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	131	mg/L			#	1.33	-
Sulfate	HickHCrTSD-East	10/22/2019	(N)F	0.133	mg/L	U		#	0.133	-
Sulfate	HMC-S	10/22/2019	(N)F	0.133	mg/L	U		#	0.133	-
Sulfate	Pond West of GZ	10/23/2019	(N)F	36.5	mg/L			#	0.266	-

SURFACE WATER QUALITY DATA BY PARAMETER (EQuIS800) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE	SAMPLE DATE	SAMPLE TYPE	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECT. LIMIT	UNCERTAINTY
Sulfate	Reeco Pit (A)	10/23/2019	(N)F	3.09	mg/L			#	0.133	-
Sulfate	Reeco Pit (B)	10/23/2019	(N)F	14.5	mg/L			#	0.133	-
Sulfate	Reeco Pit (C)	10/23/2019	(N)F	17.3	mg/L			#	0.133	-
Temperature										
Temperature	GC-E	10/22/2019	(N)F	20.16	C			#	-	-
Temperature	Half Moon Ck Exit	10/23/2019	(N)F	17.15	C			#	-	-
Temperature	HALFMOON CREEK	10/23/2019	(N)F	15.95	C			#	-	-
Temperature	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	17.61	C			#	-	-
Temperature	HickHCrTSD-East	10/22/2019	(N)F	19.73	C			#	-	-
Temperature	HMC-S	10/22/2019	(N)F	19.23	C			#	-	-
Temperature	Pond West of GZ	10/23/2019	(N)F	18.93	C			#	-	-
Temperature	Reeco Pit (A)	10/23/2019	(N)F	18.3	C			#	-	-
Temperature	Reeco Pit (B)	10/23/2019	(N)F	17.24	C			#	-	-
Temperature	Reeco Pit (C)	10/23/2019	(N)F	16.78	C			#	-	-
Tritium										
Tritium	GC-E	10/22/2019	(N)F	8.816	pCi/L	U		#	324.113	± 190.6
Tritium	Half Moon Ck Exit	10/23/2019	(N)F	-91.317	pCi/L	U		#	324.885	± 189.628
Tritium	HALFMOON CREEK	10/23/2019	(N)F	-105.815	pCi/L	U		#	324.181	± 189.054
Tritium	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	-145.532	pCi/L	U		#	321.017	± 186.818
Tritium	HickHCrTSD-East	10/22/2019	(N)F	-276.871	pCi/L	U		#	324.857	± 188.423
Tritium	HMC-S	10/22/2019	(N)F	-121.611	pCi/L	U		#	329.209	± 191.752
Tritium	Pond West of GZ	10/23/2019	(N)F	-299.536	pCi/L	U		#	327.092	± 189.706
Tritium	Reeco Pit (A)	10/23/2019	(N)F	-150.126	pCi/L	U		#	324.659	± 188.913
Tritium	Reeco Pit (B)	10/23/2019	(N)F	-202.887	pCi/L	U		#	319.667	± 185.637
Tritium	Reeco Pit (C)	10/23/2019	(N)F	-191.564	pCi/L	U		#	325.043	± 188.842
Turbidity										
Turbidity	GC-E	10/22/2019	(N)F	1.41	NTU			#	-	-
Turbidity	Half Moon Ck Exit	10/23/2019	(N)F	4	NTU			#	-	-
Turbidity	HALFMOON CREEK	10/23/2019	(N)F	2.96	NTU			#	-	-
Turbidity	HALFMOONCRK OVERFLOW	10/23/2019	(N)F	10.7	NTU			#	-	-

SURFACE WATER QUALITY DATA BY PARAMETER (EQuIS800) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:39:44 AM

PARAMETER	LOCATION CODE	SAMPLE DATE	SAMPLE TYPE	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECT. LIMIT	UNCERTAINTY
Turbidity	HickHCrTSD-East	10/22/2019	(N)F	1.16	NTU			#	-	-
Turbidity	HMC-S	10/22/2019	(N)F	2.67	NTU			#	-	-
Turbidity	Pond West of GZ	10/23/2019	(N)F	8.27	NTU			#	-	-
Turbidity	Reeco Pit (A)	10/23/2019	(N)F	21.1	NTU			#	-	-
Turbidity	Reeco Pit (B)	10/23/2019	(N)F	31.1	NTU			#	-	-
Turbidity	Reeco Pit (C)	10/23/2019	(N)F	18.2	NTU			#	-	-

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.
N Tentatively identified compund (TIC).
Q Qualitative result due to sampling technique
R Unusable result.
U Parameter analyzed for but was not detected.
X Location is undefined.

LAB QUALIFIERS:

* Replicate analysis not within control limits.
\+ Correlation coefficient for MSA < 0.995.
> Result above upper detection limit.
A TIC is a suspected aldol-condensation product.
B Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: 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 Value.
M GFAA duplicate injection precision not met.
N Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
P > 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
S Result determined by method of standard addition (MSA).
U Parameter analyzed for but was not detected.
W Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X Laboratory defined qualifier, see case narrative.
Y Laboratory defined qualifier, see case narrative.
Z Laboratory defined qualifier, see case narrative.

SURFACE WATER QUALITY DATA BY PARAMETER (EQuIS800) FOR SITE SAL01, Salmon Site

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SAMPLE TYPES:
(T) Total (for metal concentrations)
(D) Dissolved (for dissolved or filtered metal concentrations)
(N) Organic (or other) constituents for which neither total nor dissolved is applicable

Type Codes: F-Field Sample R-Replicate FR-Field Sample with Replicates
D-Duplicate N-Not Known S-Split Sample

QA QUALIFIER: # = validated according to Quality Assurance guidelines.

Appendix B

Groundwater Monitoring Results

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GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:34:58 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,1,1,2-Tetrachloroethane													
1,1,1,2-Tetrachloroethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1,1,2-Tetrachloroethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1,2-Tetrachloroethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1,1-Trichloroethane													
1,1,1-Trichloroethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1,1-Trichloroethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:34:58 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,1,1-Trichloroethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1,1-Trichloroethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1,1-Trichloroethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,1-Trichloroethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1,2,2-Tetrachloroethane													
1,1,2,2-Tetrachloroethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1,2,2-Tetrachloroethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:34:58 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,1,2,2-Tetrachloroethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2,2-Tetrachloroethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1,2-Trichloroethane													
1,1,2-Trichloroethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1,2-Trichloroethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1,2-Trichloroethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1,2-Trichloroethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,1,2-Trichloroethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1,2-Trichloroethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloroethane													
1,1-Dichloroethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloroethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloroethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloroethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,1-Dichloroethene													
1,1-Dichloroethene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloroethene	HMH-5R	WL	10/23/2019	(N)F	AL		0.96	ug/L	J	F	#	0.16	-
1,1-Dichloroethene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloroethene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloroethene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloroethene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloropropene													
1,1-Dichloropropene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloropropene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,1-Dichloropropene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloropropene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,1-Dichloropropene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,1-Dichloropropene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2,3-Trichlorobenzene													
1,2,3-Trichlorobenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.2	ug/L	U	FQ	#	0.2	-
1,2,3-Trichlorobenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	HM-L	WL	10/23/2019	(N)F	LA		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	HM-S	WL	10/23/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.2	ug/L	U	FQ	#	0.2	-
1,2,3-Trichlorobenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.2	ug/L	U	FQ	#	0.2	-
1,2,3-Trichlorobenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,2,3-Trichlorobenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.2	ug/L	U	F	#	0.2	-
1,2,3-Trichlorobenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.2	ug/L	U	FQ	#	0.2	-
1,2,3-Trichloropropane													
1,2,3-Trichloropropane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2,3-Trichloropropane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2,3-Trichloropropane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2,3-Trichloropropane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,2,3-Trichloropropane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,3-Trichloropropane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2,4-Trichlorobenzene													
1,2,4-Trichlorobenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2,4-Trichlorobenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2,4-Trichlorobenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2,4-Trichlorobenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trichlorobenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:34:58 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,2,4-Trimethylbenzene													
1,2,4-Trimethylbenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2,4-Trimethylbenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2,4-Trimethylbenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2,4-Trimethylbenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2,4-Trimethylbenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dibromo-3-chloropropane													
1,2-Dibromo-3-chloropropane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dibromo-3-chloropropane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:34:58 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,2-Dibromo-3-chloropropane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromo-3-chloropropane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dibromoethane													
1,2-Dibromoethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dibromoethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:34:58 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,2-Dibromoethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dibromoethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dibromoethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dibromoethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichlorobenzene													
1,2-Dichlorobenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichlorobenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichlorobenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichlorobenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,2-Dichlorobenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichlorobenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichloroethane													
1,2-Dichloroethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichloroethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichloroethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichloroethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,2-Dichloroethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloroethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,2-Dichloropropane													
1,2-Dichloropropane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichloropropane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichloropropane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,2-Dichloropropane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,2-Dichloropropane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,3,5-Trimethylbenzene													
1,3,5-Trimethylbenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,3,5-Trimethylbenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:34:59 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,3,5-Trimethylbenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,3,5-Trimethylbenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,3,5-Trimethylbenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3,5-Trimethylbenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,3-Dichlorobenzene													
1,3-Dichlorobenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,3-Dichlorobenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,3-Dichlorobenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,3-Dichlorobenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:34:59 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,3-Dichlorobenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichlorobenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,3-Dichloropropane													
1,3-Dichloropropane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,3-Dichloropropane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,3-Dichloropropane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,3-Dichloropropane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
1,3-Dichloropropane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,3-Dichloropropane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,4-Dichlorobenzene													
1,4-Dichlorobenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,4-Dichlorobenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
1,4-Dichlorobenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
1,4-Dichlorobenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
1,4-Dichlorobenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
2,2-Dichloropropane													
2,2-Dichloropropane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
2,2-Dichloropropane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
2,2-Dichloropropane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
2,2-Dichloropropane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2,2-Dichloropropane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
2-Butanone													
2-Butanone	HMH-16R	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	FQ	#	0.5	-
2-Butanone	HMH-5R	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	HM-L	WL	10/23/2019	(N)F	LA		0.5	ug/L	U	F	#	0.5	-
2-Butanone	HM-S	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
2-Butanone	SA1-12-H	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	FQ	#	0.5	-
2-Butanone	SA1-12-L	WL	10/22/2019	(N)F	LA		0.5	ug/L	U	FQ	#	0.5	-
2-Butanone	SA1-1-H	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA1-2-H	WL	10/23/2019	(N)D	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA1-2-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA1-3-H	WL	10/24/2019	(N)D	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA1-3-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA1-4-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA1-5-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA1-6-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA1-7-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA2-1-L	WL	10/22/2019	(N)F	LA		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA2-6-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA3-4-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Butanone	SA3-4-L	WL	10/23/2019	(N)F	LA		0.5	ug/L	U	FQ	#	0.5	-
2-Chlorotoluene													
2-Chlorotoluene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
2-Chlorotoluene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
2-Chlorotoluene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
2-Chlorotoluene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
2-Chlorotoluene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
2-Chlorotoluene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
2-Hexanone													
2-Hexanone	HMH-16R	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	FQ	#	0.5	-
2-Hexanone	HMH-5R	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	HM-L	WL	10/23/2019	(N)F	LA		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	HM-S	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA1-12-H	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	FQ	#	0.5	-
2-Hexanone	SA1-12-L	WL	10/22/2019	(N)F	LA		0.5	ug/L	U	FQ	#	0.5	-
2-Hexanone	SA1-1-H	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA1-2-H	WL	10/23/2019	(N)D	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA1-2-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA1-3-H	WL	10/24/2019	(N)D	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA1-3-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA1-4-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA1-5-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA1-6-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
2-Hexanone	SA1-7-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA2-1-L	WL	10/22/2019	(N)F	LA		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA2-6-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA3-4-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
2-Hexanone	SA3-4-L	WL	10/23/2019	(N)F	LA		0.5	ug/L	U	FQ	#	0.5	-
4-Chlorotoluene													
4-Chlorotoluene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
4-Chlorotoluene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
4-Chlorotoluene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
4-Chlorotoluene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
4-Chlorotoluene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
4-Methyl-2-Pentanone													
4-Methyl-2-Pentanone	HMH-16R	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	FQ	#	0.5	-
4-Methyl-2-Pentanone	HMH-5R	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	HM-L	WL	10/23/2019	(N)F	LA		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	HM-S	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-12-H	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	FQ	#	0.5	-
4-Methyl-2-Pentanone	SA1-12-L	WL	10/22/2019	(N)F	LA		0.5	ug/L	U	FQ	#	0.5	-
4-Methyl-2-Pentanone	SA1-1-H	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-2-H	WL	10/23/2019	(N)D	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-2-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-3-H	WL	10/24/2019	(N)D	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-3-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-4-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-5-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-6-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA1-7-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA2-1-L	WL	10/22/2019	(N)F	LA		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA2-6-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA3-4-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
4-Methyl-2-Pentanone	SA3-4-L	WL	10/23/2019	(N)F	LA		0.5	ug/L	U	FQ	#	0.5	-
Acetone													
Acetone	HMH-16R	WL	10/22/2019	(N)F	AL		2.96	ug/L	BJ	FQU	#	0.5	-
Acetone	HMH-5R	WL	10/23/2019	(N)F	AL		3.1	ug/L	BJ	FU	#	0.5	-
Acetone	HM-L	WL	10/23/2019	(N)F	LA		1.66	ug/L	BJ	FU	#	0.5	-
Acetone	HM-S	WL	10/23/2019	(N)F	AL		4.46	ug/L	BJ	FU	#	0.5	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Acetone	SA1-12-H	WL	10/22/2019	(N)F	AL		2.1	ug/L	BJ	FQU	#	0.5	-
Acetone	SA1-12-L	WL	10/22/2019	(N)F	LA		2.41	ug/L	BJ	FQU	#	0.5	-
Acetone	SA1-1-H	WL	10/22/2019	(N)F	AL		7.88	ug/L	B	FU	#	0.5	-
Acetone	SA1-2-H	WL	10/23/2019	(N)D	AL		6.67	ug/L	B	FU	#	0.5	-
Acetone	SA1-2-H	WL	10/23/2019	(N)F	AL		8.76	ug/L	B	FU	#	0.5	-
Acetone	SA1-3-H	WL	10/24/2019	(N)D	AL		2.47	ug/L	BJ	FU	#	0.5	-
Acetone	SA1-3-H	WL	10/24/2019	(N)F	AL		1.82	ug/L	BJ	FU	#	0.5	-
Acetone	SA1-4-H	WL	10/24/2019	(N)F	AL		3.35	ug/L	BJ	FU	#	0.5	-
Acetone	SA1-5-H	WL	10/24/2019	(N)F	AL		7.4	ug/L	B	FU	#	0.5	-
Acetone	SA1-6-H	WL	10/23/2019	(N)F	AL		13.5	ug/L	B	FU	#	0.5	-
Acetone	SA1-7-H	WL	10/23/2019	(N)F	AL		4	ug/L	BJ	FU	#	0.5	-
Acetone	SA2-1-L	WL	10/22/2019	(N)F	LA		1.9	ug/L	BJ	FU	#	0.5	-
Acetone	SA2-6-H	WL	10/23/2019	(N)F	AL		3.42	ug/L	BJ	FU	#	0.5	-
Acetone	SA3-4-H	WL	10/23/2019	(N)F	AL		1.93	ug/L	BJ	FU	#	0.5	-
Acetone	SA3-4-L	WL	10/23/2019	(N)F	LA		2.03	ug/L	BJ	FQU	#	0.5	-
Alkalinity, Bicarbonate (HCO3) as CaCO3													
Alkalinity, Bicarbonate (HCO3) as CaCO3	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			3.97	mg/L	J		#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	E-7	WL	10/24/2019	(N)F	CK		202	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HM-1	WL	10/24/2019	(N)F	A1		67.6	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HM-2A	WL	10/24/2019	(N)F	2A		61.8	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HM-2B	WL	10/24/2019	(N)F	2B		77.3	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HM-3	WL	10/23/2019	(N)F	3A		260	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HMH-16R	WL	10/22/2019	(N)F	AL		253	mg/L		FQ	#	1.45	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Alkalinity, Bicarbonate (HCO3) as CaCO3	HMH-5R	WL	10/23/2019	(N)F	AL		54.6	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HM-L	WL	10/23/2019	(N)F	LA		10.3	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HM-L2	WL	10/23/2019	(N)F	LA		206	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	HM-S	WL	10/23/2019	(N)F	AL		95.6	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	Purvis Cty Supply WL	WL	10/22/2019	(N)F			41	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-11-3	WL	10/23/2019	(N)F	3A		220	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-12-H	WL	10/22/2019	(N)F	AL		101	mg/L		FQ	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-12-L	WL	10/22/2019	(N)F	LA		192	mg/L		FQ	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-1-H	WL	10/22/2019	(N)F	AL		108	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-2-H	WL	10/23/2019	(N)D	AL		116	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-2-H	WL	10/23/2019	(N)F	AL		114	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-3-H	WL	10/24/2019	(N)D	AL		208	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-3-H	WL	10/24/2019	(N)F	AL		199	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-4-H	WL	10/24/2019	(N)F	AL		55.6	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-5-H	WL	10/24/2019	(N)F	AL		181	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-6-H	WL	10/23/2019	(N)F	AL		7.99	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-7-H	WL	10/23/2019	(N)F	AL		134	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA1-8-L	WL	10/23/2019	(N)F	LA		93.9	mg/L		F	#	1.45	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA2-1-L	WL	10/22/2019	(N)F	LA		64	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA2-2-L	WL	10/22/2019	(N)F	LA		1.45	mg/L	U	FQ	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA2-4-L	WL	10/22/2019	(N)F	LA		98.9	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA2-6-H	WL	10/23/2019	(N)F	AL		13	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA2-6-L	WL	10/23/2019	(N)F	LA		27	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA3-11-3	WL	10/24/2019	(N)D	3A		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA3-4-H	WL	10/23/2019	(N)F	AL		198	mg/L		F	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA3-4-L	WL	10/23/2019	(N)F	LA		99.9	mg/L		FQ	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA4-5-L	WL	10/24/2019	(N)F	LA		1.45	mg/L	U	FQ	#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA5-4-4	WL	10/23/2019	(N)F	A4		441	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	SA5-5-4	WL	10/22/2019	(N)F	A4		461	mg/L			#	1.45	-
Alkalinity, Bicarbonate (HCO3) as CaCO3	Well North Lumberton	WL	10/22/2019	(N)F			80.9	mg/L			#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3													
Alkalinity, Carbonate (CO3) as CaCO3	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	E-7	WL	10/24/2019	(N)F	CK		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HM-1	WL	10/24/2019	(N)F	A1		21.5	mg/L		F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HM-2A	WL	10/24/2019	(N)F	2A		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HM-2B	WL	10/24/2019	(N)F	2B		85.8	mg/L		F	#	1.45	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Alkalinity, Carbonate (CO3) as CaCO3	HM-3	WL	10/23/2019	(N)F	3A		115	mg/L		F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HMH-16R	WL	10/22/2019	(N)F	AL		1.45	mg/L	U	FQ	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HMH-5R	WL	10/23/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HM-L	WL	10/23/2019	(N)F	LA		4.37	mg/L		F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HM-L2	WL	10/23/2019	(N)F	LA		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	HM-S	WL	10/23/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	Purvis Cty Supply WL	WL	10/22/2019	(N)F			1.45	mg/L	U		#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-11-3	WL	10/23/2019	(N)F	3A		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-12-H	WL	10/22/2019	(N)F	AL		1.45	mg/L	U	FQ	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-12-L	WL	10/22/2019	(N)F	LA		1.45	mg/L	U	FQ	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-1-H	WL	10/22/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-2-H	WL	10/23/2019	(N)D	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-2-H	WL	10/23/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-3-H	WL	10/24/2019	(N)D	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-3-H	WL	10/24/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-4-H	WL	10/24/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-5-H	WL	10/24/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-6-H	WL	10/23/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Alkalinity, Carbonate (CO3) as CaCO3	SA1-7-H	WL	10/23/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA1-8-L	WL	10/23/2019	(N)F	LA		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA2-1-L	WL	10/22/2019	(N)F	LA		12	mg/L		F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA2-2-L	WL	10/22/2019	(N)F	LA		38	mg/L		FQ	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA2-4-L	WL	10/22/2019	(N)F	LA		9.99	mg/L		F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA2-6-H	WL	10/23/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA2-6-L	WL	10/23/2019	(N)F	LA		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA3-11-3	WL	10/24/2019	(N)D	3A		34.6	mg/L		F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA3-4-H	WL	10/23/2019	(N)F	AL		1.45	mg/L	U	F	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA3-4-L	WL	10/23/2019	(N)F	LA		1.45	mg/L	U	FQ	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA4-5-L	WL	10/24/2019	(N)F	LA		79.9	mg/L		FQ	#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA5-4-4	WL	10/23/2019	(N)F	A4		48	mg/L			#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	SA5-5-4	WL	10/22/2019	(N)F	A4		50	mg/L			#	1.45	-
Alkalinity, Carbonate (CO3) as CaCO3	Well North Lumberton	WL	10/22/2019	(N)F			1.45	mg/L	U		#	1.45	-
Benzene													
Benzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Benzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Benzene	HM-L	WL	10/23/2019	(N)F	LA		0.69	ug/L	J	F	#	0.16	-
Benzene	HM-S	WL	10/23/2019	(N)F	AL		0.34	ug/L	J	F	#	0.16	-
Benzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Benzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Benzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.21	ug/L	J	F	#	0.16	-
Benzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.55	ug/L	J	F	#	0.16	-
Benzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.55	ug/L	J	F	#	0.16	-
Benzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.61	ug/L	J	F	#	0.16	-
Benzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.63	ug/L	J	F	#	0.16	-
Benzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Benzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.24	ug/L	J	F	#	0.16	-
Benzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Benzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Benzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Benzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Benzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Benzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromobenzene													
Bromobenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromobenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromobenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromobenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Bromobenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromobenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromochloromethane													
Bromochloromethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromochloromethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromochloromethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromochloromethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Bromochloromethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromochloromethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromodichloromethane													
Bromodichloromethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromodichloromethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromodichloromethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromodichloromethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromodichloromethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Bromoform													
Bromoform	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromoform	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromoform	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromoform	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromoform	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromoform	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromomethane													
Bromomethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromomethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromomethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Bromomethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Bromomethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Bromomethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Bromomethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Calcium													
Calcium	Bx.Cty WL #370007-04	WL	10/22/2019	(T)F			0.578	mg/L			#	0.05	-
Calcium	E-7	WL	10/24/2019	(T)F	CK		75.8	mg/L		F	#	0.05	-
Calcium	HM-1	WL	10/24/2019	(T)F	A1		14	mg/L		F	#	0.05	-
Calcium	HM-2A	WL	10/24/2019	(T)F	2A		8.66	mg/L		F	#	0.05	-
Calcium	HM-2B	WL	10/24/2019	(T)F	2B		2.28	mg/L		F	#	0.05	-
Calcium	HM-3	WL	10/23/2019	(T)F	3A		2.49	mg/L		F	#	0.05	-
Calcium	HMH-16R	WL	10/22/2019	(T)F	AL		90.9	mg/L		FQ	#	0.05	-
Calcium	HMH-5R	WL	10/23/2019	(T)F	AL		24.7	mg/L		F	#	0.05	-
Calcium	HM-L	WL	10/23/2019	(T)F	LA		54.4	mg/L		F	#	0.05	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Calcium	HM-L2	WL	10/23/2019	(T)F	LA		40.6	mg/L		F	#	0.05	-
Calcium	HM-S	WL	10/23/2019	(T)F	AL		42.5	mg/L		F	#	0.05	-
Calcium	Purvis Cty Supply WL	WL	10/22/2019	(T)F			0.713	mg/L			#	0.05	-
Calcium	SA1-11-3	WL	10/23/2019	(T)F	3A		30	mg/L		F	#	0.05	-
Calcium	SA1-12-H	WL	10/22/2019	(T)F	AL		24.5	mg/L		FQ	#	0.05	-
Calcium	SA1-12-L	WL	10/22/2019	(T)F	LA		22.8	mg/L		FQ	#	0.05	-
Calcium	SA1-1-H	WL	10/22/2019	(T)F	AL		31.5	mg/L		F	#	0.05	-
Calcium	SA1-2-H	WL	10/23/2019	(T)D	AL		64.3	mg/L		F	#	0.05	-
Calcium	SA1-2-H	WL	10/23/2019	(T)F	AL		62.6	mg/L		F	#	0.05	-
Calcium	SA1-3-H	WL	10/24/2019	(D)D	AL		153	mg/L		F	#	0.05	-
Calcium	SA1-3-H	WL	10/24/2019	(D)F	AL		164	mg/L		F	#	0.05	-
Calcium	SA1-4-H	WL	10/24/2019	(T)F	AL		7.71	mg/L		F	#	0.05	-
Calcium	SA1-5-H	WL	10/24/2019	(D)F	AL		277	mg/L		F	#	0.05	-
Calcium	SA1-6-H	WL	10/23/2019	(T)F	AL		1.61	mg/L		F	#	0.05	-
Calcium	SA1-7-H	WL	10/23/2019	(T)F	AL		48.7	mg/L		F	#	0.05	-
Calcium	SA1-8-L	WL	10/23/2019	(T)F	LA		15.8	mg/L		F	#	0.05	-
Calcium	SA2-1-L	WL	10/22/2019	(T)F	LA		7.21	mg/L		F	#	0.05	-
Calcium	SA2-2-L	WL	10/22/2019	(T)F	LA		637	mg/L		FQ	#	0.25	-
Calcium	SA2-4-L	WL	10/22/2019	(T)F	LA		11.5	mg/L		F	#	0.05	-
Calcium	SA2-6-H	WL	10/23/2019	(T)F	AL		3.04	mg/L		F	#	0.05	-
Calcium	SA2-6-L	WL	10/23/2019	(T)F	LA		11.2	mg/L		F	#	0.05	-
Calcium	SA3-11-3	WL	10/24/2019	(T)F	3A		363	mg/L		F	#	0.05	-
Calcium	SA3-11-3	WL	10/24/2019	(T)D	3A		365	mg/L		F	#	0.05	-
Calcium	SA3-4-H	WL	10/23/2019	(T)F	AL		57.5	mg/L		F	#	0.05	-
Calcium	SA3-4-L	WL	10/23/2019	(T)F	LA		10.3	mg/L		FQ	#	0.05	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Calcium	SA4-5-L	WL	10/24/2019	(T)F	LA		697	mg/L		FQ	#	0.25	-
Calcium	SA5-4-4	WL	10/23/2019	(T)F	A4		4.27	mg/L			#	0.05	-
Calcium	SA5-5-4	WL	10/22/2019	(T)F	A4		3.12	mg/L			#	0.05	-
Calcium	Well North Lumberton	WL	10/22/2019	(T)F			2.87	mg/L			#	0.05	-
Carbon Disulfide													
Carbon Disulfide	HMH-16R	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	FQ	#	0.5	-
Carbon Disulfide	HMH-5R	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	HM-L	WL	10/23/2019	(N)F	LA		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	HM-S	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-12-H	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	FQ	#	0.5	-
Carbon Disulfide	SA1-12-L	WL	10/22/2019	(N)F	LA		0.5	ug/L	U	FQ	#	0.5	-
Carbon Disulfide	SA1-1-H	WL	10/22/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-2-H	WL	10/23/2019	(N)D	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-2-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-3-H	WL	10/24/2019	(N)D	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-3-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-4-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-5-H	WL	10/24/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-6-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA1-7-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA2-1-L	WL	10/22/2019	(N)F	LA		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA2-6-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA3-4-H	WL	10/23/2019	(N)F	AL		0.5	ug/L	U	F	#	0.5	-
Carbon Disulfide	SA3-4-L	WL	10/23/2019	(N)F	LA		0.5	ug/L	U	FQ	#	0.5	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Carbon tetrachloride													
Carbon tetrachloride	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Carbon tetrachloride	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Carbon tetrachloride	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Carbon tetrachloride	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Carbon tetrachloride	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chloride													
Chloride	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			3.2	mg/L			#	0.067	-
Chloride	E-7	WL	10/24/2019	(N)F	CK		360	mg/L		F	#	6.7	-
Chloride	HM-1	WL	10/24/2019	(N)F	A1		14.8	mg/L		F	#	0.335	-
Chloride	HM-2A	WL	10/24/2019	(N)F	2A		6.57	mg/L		F	#	0.067	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Chloride	HM-2B	WL	10/24/2019	(N)F	2B		15.3	mg/L		F	#	0.335	-
Chloride	HM-3	WL	10/23/2019	(N)F	3A		150	mg/L		F	#	3.35	-
Chloride	HMH-16R	WL	10/22/2019	(N)F	AL		132	mg/L		FQ	#	3.35	-
Chloride	HMH-5R	WL	10/23/2019	(N)F	AL		209	mg/L		F	#	3.35	-
Chloride	HM-L	WL	10/23/2019	(N)F	LA		160	mg/L		F	#	1.68	-
Chloride	HM-L2	WL	10/23/2019	(N)F	LA		9.52	mg/L		F	#	0.134	-
Chloride	HM-S	WL	10/23/2019	(N)F	AL		101	mg/L		F	#	1.68	-
Chloride	Purvis Cty Supply WL	WL	10/22/2019	(N)F			3.45	mg/L			#	0.335	-
Chloride	SA1-11-3	WL	10/23/2019	(N)F	3A		76.6	mg/L		F	#	1.68	-
Chloride	SA1-12-H	WL	10/22/2019	(N)F	AL		24.6	mg/L		FQ	#	0.335	-
Chloride	SA1-12-L	WL	10/22/2019	(N)F	LA		4.81	mg/L		FQ	#	0.067	-
Chloride	SA1-1-H	WL	10/22/2019	(N)F	AL		107	mg/L		F	#	1.34	-
Chloride	SA1-2-H	WL	10/23/2019	(N)D	AL		247	mg/L		F	#	3.35	-
Chloride	SA1-2-H	WL	10/23/2019	(N)F	AL		242	mg/L		F	#	3.35	-
Chloride	SA1-3-H	WL	10/24/2019	(N)D	AL		197	mg/L		F	#	3.35	-
Chloride	SA1-3-H	WL	10/24/2019	(N)F	AL		207	mg/L		F	#	3.35	-
Chloride	SA1-4-H	WL	10/24/2019	(N)F	AL		52	mg/L		F	#	0.67	-
Chloride	SA1-5-H	WL	10/24/2019	(N)F	AL		67.1	mg/L		F	#	3.35	-
Chloride	SA1-6-H	WL	10/23/2019	(N)F	AL		2.33	mg/L		F	#	0.067	-
Chloride	SA1-7-H	WL	10/23/2019	(N)F	AL		462	mg/L		F	#	6.7	-
Chloride	SA1-8-L	WL	10/23/2019	(N)F	LA		3.4	mg/L		F	#	0.067	-
Chloride	SA2-1-L	WL	10/22/2019	(N)F	LA		4.13	mg/L		F	#	0.67	-
Chloride	SA2-2-L	WL	10/22/2019	(N)F	LA		0.804	mg/L		FQ	#	0.067	-
Chloride	SA2-4-L	WL	10/22/2019	(N)F	LA		5	mg/L		F	#	0.67	-
Chloride	SA2-6-H	WL	10/23/2019	(N)F	AL		2.02	mg/L		F	#	0.067	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Chloride	SA2-6-L	WL	10/23/2019	(N)F	LA		26.1	mg/L		F	#	0.67	-
Chloride	SA3-11-3	WL	10/24/2019	(N)F	3A		732	mg/L		F	#	13.4	-
Chloride	SA3-11-3	WL	10/24/2019	(N)D	3A		736	mg/L		F	#	13.4	-
Chloride	SA3-4-H	WL	10/23/2019	(N)F	AL		15.4	mg/L		F	#	0.335	-
Chloride	SA3-4-L	WL	10/23/2019	(N)F	LA		6.7	mg/L		FQ	#	0.335	-
Chloride	SA4-5-L	WL	10/24/2019	(N)F	LA		49.8	mg/L		FQ	#	0.335	-
Chloride	SA5-4-4	WL	10/23/2019	(N)F	A4		1100	mg/L			#	13.4	-
Chloride	SA5-5-4	WL	10/22/2019	(N)F	A4		814	mg/L			#	13.4	-
Chloride	Well North Lumberton	WL	10/22/2019	(N)F			2.64	mg/L			#	0.335	-
Chlorobenzene													
Chlorobenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chlorobenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chlorobenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chlorobenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Chlorobenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorobenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chlorodibromomethane													
Chlorodibromomethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chlorodibromomethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chlorodibromomethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chlorodibromomethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chlorodibromomethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Chloroethane													
Chloroethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chloroethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chloroethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chloroethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chloroethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chloroform													
Chloroform	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chloroform	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chloroform	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Chloroform	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chloroform	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chloroform	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloroform	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chloromethane													
Chloromethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chloromethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chloromethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Chloromethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Chloromethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Chloromethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Chloromethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
cis-1,2-Dichloroethene													
cis-1,2-Dichloroethene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
cis-1,2-Dichloroethene	HMH-5R	WL	10/23/2019	(N)F	AL		156	ug/L		F	#	0.32	-
cis-1,2-Dichloroethene	HM-L	WL	10/23/2019	(N)F	LA		6.46	ug/L		F	#	0.16	-
cis-1,2-Dichloroethene	HM-S	WL	10/23/2019	(N)F	AL		7.34	ug/L		F	#	0.16	-
cis-1,2-Dichloroethene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
cis-1,2-Dichloroethene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
cis-1,2-Dichloroethene	SA1-1-H	WL	10/22/2019	(N)F	AL		8.07	ug/L		F	#	0.16	-
cis-1,2-Dichloroethene	SA1-2-H	WL	10/23/2019	(N)D	AL		10.8	ug/L		F	#	0.16	-
cis-1,2-Dichloroethene	SA1-2-H	WL	10/23/2019	(N)F	AL		10.5	ug/L		F	#	0.16	-
cis-1,2-Dichloroethene	SA1-3-H	WL	10/24/2019	(N)D	AL		42.2	ug/L		F	#	0.16	-
cis-1,2-Dichloroethene	SA1-3-H	WL	10/24/2019	(N)F	AL		42.3	ug/L		F	#	0.16	-
cis-1,2-Dichloroethene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.3	ug/L	J	F	#	0.16	-
cis-1,2-Dichloroethene	SA1-5-H	WL	10/24/2019	(N)F	AL		21.3	ug/L		F	#	0.16	-
cis-1,2-Dichloroethene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
cis-1,2-Dichloroethene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.34	ug/L	J	F	#	0.16	-
cis-1,2-Dichloroethene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
cis-1,2-Dichloroethene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,2-Dichloroethene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,2-Dichloroethene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
cis-1,3-Dichloropropene													
cis-1,3-Dichloropropene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
cis-1,3-Dichloropropene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
cis-1,3-Dichloropropene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
cis-1,3-Dichloropropene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
cis-1,3-Dichloropropene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Dibromomethane													
Dibromomethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Dibromomethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Dibromomethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Dibromomethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dibromomethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Dichlorodifluoromethane													
Dichlorodifluoromethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Dichlorodifluoromethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Dichlorodifluoromethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Dichlorodifluoromethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Dichlorodifluoromethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Dichlorodifluoromethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Dissolved Oxygen													
Dissolved Oxygen	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			8.58	mg/L			#	-	-
Dissolved Oxygen	E-7	WL	10/24/2019	(N)F	CK		0.25	mg/L		FJ	#	-	-
Dissolved Oxygen	HM-1	WL	10/24/2019	(N)F	A1		0.45	mg/L		F	#	-	-
Dissolved Oxygen	HM-2A	WL	10/24/2019	(N)F	2A		0.28	mg/L		F	#	-	-
Dissolved Oxygen	HM-2B	WL	10/24/2019	(N)F	2B		0.33	mg/L		F	#	-	-
Dissolved Oxygen	HM-3	WL	10/23/2019	(N)F	3A		0.27	mg/L		F	#	-	-
Dissolved Oxygen	HMH-16R	WL	10/22/2019	(N)F	AL		1.09	mg/L		FJQ	#	-	-
Dissolved Oxygen	HMH-5R	WL	10/23/2019	(N)F	AL		3.27	mg/L		FJ	#	-	-
Dissolved Oxygen	HM-L	WL	10/23/2019	(N)F	LA		0.49	mg/L		F	#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Dissolved Oxygen	HM-L2	WL	10/23/2019	(N)F	LA		2.28	mg/L		FJ	#	-	-
Dissolved Oxygen	HM-S	WL	10/23/2019	(N)F	AL		0.75	mg/L		F	#	-	-
Dissolved Oxygen	Purvis Cty Supply WL	WL	10/22/2019	(N)F			4.3	mg/L			#	-	-
Dissolved Oxygen	SA1-11-3	WL	10/23/2019	(N)F	3A		1.26	mg/L		FJ	#	-	-
Dissolved Oxygen	SA1-12-H	WL	10/22/2019	(N)F	AL		0.96	mg/L		FJQ	#	-	-
Dissolved Oxygen	SA1-12-L	WL	10/22/2019	(N)F	LA		1.36	mg/L		FJQ	#	-	-
Dissolved Oxygen	SA1-1-H	WL	10/22/2019	(N)F	AL		0.84	mg/L		F	#	-	-
Dissolved Oxygen	SA1-2-H	WL	10/23/2019	(N)F	AL		0.69	mg/L		F	#	-	-
Dissolved Oxygen	SA1-3-H	WL	10/24/2019	(N)F	AL		0.36	mg/L		F	#	-	-
Dissolved Oxygen	SA1-4-H	WL	10/24/2019	(N)F	AL		0.44	mg/L		FJ	#	-	-
Dissolved Oxygen	SA1-5-H	WL	10/24/2019	(N)F	AL		0.49	mg/L		F	#	-	-
Dissolved Oxygen	SA1-6-H	WL	10/23/2019	(N)F	AL		0.43	mg/L		FJ	#	-	-
Dissolved Oxygen	SA1-7-H	WL	10/23/2019	(N)F	AL		4.48	mg/L		FJ	#	-	-
Dissolved Oxygen	SA1-8-L	WL	10/23/2019	(N)F	LA		0.75	mg/L		FJ	#	-	-
Dissolved Oxygen	SA2-1-L	WL	10/22/2019	(N)F	LA		2.51	mg/L		FJ	#	-	-
Dissolved Oxygen	SA2-2-L	WL	10/22/2019	(N)F	LA		5.35	mg/L		FJQ	#	-	-
Dissolved Oxygen	SA2-4-L	WL	10/22/2019	(N)F	LA		0.79	mg/L		FJ	#	-	-
Dissolved Oxygen	SA2-6-H	WL	10/23/2019	(N)F	AL		1.24	mg/L		FJ	#	-	-
Dissolved Oxygen	SA2-6-L	WL	10/23/2019	(N)F	LA		2.84	mg/L		FJ	#	-	-
Dissolved Oxygen	SA3-11-3	WL	10/24/2019	(N)F	3A		0.33	mg/L		FJ	#	-	-
Dissolved Oxygen	SA3-4-H	WL	10/23/2019	(N)F	AL		1.61	mg/L		FJ	#	-	-
Dissolved Oxygen	SA3-4-L	WL	10/23/2019	(N)F	LA		0.8	mg/L		FJQ	#	-	-
Dissolved Oxygen	SA4-5-L	WL	10/24/2019	(N)F	LA		7.37	mg/L		FJQ	#	-	-
Dissolved Oxygen	SA5-4-4	WL	10/23/2019	(N)F	A4		0.22	mg/L			#	-	-
Dissolved Oxygen	SA5-5-4	WL	10/22/2019	(N)F	A4		0.29	mg/L			#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Dissolved Oxygen	Well North Lumberton	WL	10/22/2019	(N)F			3.41	mg/L			#	-	-
Enriched Tritium													
Enriched Tritium	HM-S	WL	10/23/2019	(N)F	AL		92.656	pCi/L		F	#	5.542	± 27.951
Enriched Tritium	SA1-2-H	WL	10/23/2019	(N)F	AL		258.652	pCi/L		F	#	5.342	± 76.619
Ethylbenzene													
Ethylbenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Ethylbenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Ethylbenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Ethylbenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Ethylbenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Hexachlorobutadiene													
Hexachlorobutadiene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Hexachlorobutadiene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Hexachlorobutadiene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Hexachlorobutadiene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Hexachlorobutadiene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Isopropylbenzene													
Isopropylbenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Isopropylbenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Isopropylbenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Isopropylbenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Isopropylbenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Isopropylbenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Magnesium													
Magnesium	Bx.Cty WL #370007-04	WL	10/22/2019	(T)F			0.536	mg/L			#	0.11	-
Magnesium	E-7	WL	10/24/2019	(T)F	CK		0.834	mg/L		F	#	0.11	-
Magnesium	HM-1	WL	10/24/2019	(T)F	A1		0.403	mg/L		F	#	0.11	-
Magnesium	HM-2A	WL	10/24/2019	(T)F	2A		1.37	mg/L		F	#	0.11	-
Magnesium	HM-2B	WL	10/24/2019	(T)F	2B		0.245	mg/L	B	F	#	0.11	-
Magnesium	HM-3	WL	10/23/2019	(T)F	3A		0.373	mg/L		F	#	0.11	-
Magnesium	HMH-16R	WL	10/22/2019	(T)F	AL		21.6	mg/L		FQ	#	0.11	-
Magnesium	HMH-5R	WL	10/23/2019	(T)F	AL		8.12	mg/L		F	#	0.11	-
Magnesium	HM-L	WL	10/23/2019	(T)F	LA		0.539	mg/L		F	#	0.11	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Magnesium	HM-L2	WL	10/23/2019	(T)F	LA		6.41	mg/L		F	#	0.11	-
Magnesium	HM-S	WL	10/23/2019	(T)F	AL		5.79	mg/L		F	#	0.11	-
Magnesium	Purvis Cty Supply WL	WL	10/22/2019	(T)F			0.323	mg/L			#	0.11	-
Magnesium	SA1-11-3	WL	10/23/2019	(T)F	3A		2.64	mg/L		F	#	0.11	-
Magnesium	SA1-12-H	WL	10/22/2019	(T)F	AL		6.92	mg/L		FQ	#	0.11	-
Magnesium	SA1-12-L	WL	10/22/2019	(T)F	LA		4.53	mg/L		FQ	#	0.11	-
Magnesium	SA1-1-H	WL	10/22/2019	(T)F	AL		8.77	mg/L		F	#	0.11	-
Magnesium	SA1-2-H	WL	10/23/2019	(T)D	AL		9.75	mg/L		F	#	0.11	-
Magnesium	SA1-2-H	WL	10/23/2019	(T)F	AL		9.49	mg/L		F	#	0.11	-
Magnesium	SA1-3-H	WL	10/24/2019	(D)D	AL		6.08	mg/L		F	#	0.11	-
Magnesium	SA1-3-H	WL	10/24/2019	(D)F	AL		6.48	mg/L		F	#	0.11	-
Magnesium	SA1-4-H	WL	10/24/2019	(T)F	AL		3.12	mg/L		F	#	0.11	-
Magnesium	SA1-5-H	WL	10/24/2019	(D)F	AL		7.63	mg/L		F	#	0.11	-
Magnesium	SA1-6-H	WL	10/23/2019	(T)F	AL		0.296	mg/L	B	F	#	0.11	-
Magnesium	SA1-7-H	WL	10/23/2019	(T)F	AL		9.63	mg/L		F	#	0.11	-
Magnesium	SA1-8-L	WL	10/23/2019	(T)F	LA		4	mg/L		F	#	0.11	-
Magnesium	SA2-1-L	WL	10/22/2019	(T)F	LA		1.25	mg/L		F	#	0.11	-
Magnesium	SA2-2-L	WL	10/22/2019	(T)F	LA		0.11	mg/L	U	FQ	#	0.11	-
Magnesium	SA2-4-L	WL	10/22/2019	(T)F	LA		2.06	mg/L		F	#	0.11	-
Magnesium	SA2-6-H	WL	10/23/2019	(T)F	AL		0.83	mg/L		F	#	0.11	-
Magnesium	SA2-6-L	WL	10/23/2019	(T)F	LA		3.07	mg/L		F	#	0.11	-
Magnesium	SA3-11-3	WL	10/24/2019	(T)F	3A		0.176	mg/L	B	F	#	0.11	-
Magnesium	SA3-11-3	WL	10/24/2019	(T)D	3A		0.178	mg/L	B	F	#	0.11	-
Magnesium	SA3-4-H	WL	10/23/2019	(T)F	AL		9.39	mg/L		F	#	0.11	-
Magnesium	SA3-4-L	WL	10/23/2019	(T)F	LA		1.35	mg/L		FQ	#	0.11	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Magnesium	SA4-5-L	WL	10/24/2019	(T)F	LA		0.11	mg/L	U	FQ	#	0.11	-
Magnesium	SA5-4-4	WL	10/23/2019	(T)F	A4		0.801	mg/L			#	0.11	-
Magnesium	SA5-5-4	WL	10/22/2019	(T)F	A4		0.961	mg/L			#	0.11	-
Magnesium	Well North Lumberton	WL	10/22/2019	(T)F			0.711	mg/L			#	0.11	-
Methylene chloride													
Methylene chloride	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Methylene chloride	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Methylene chloride	HM-L	WL	10/23/2019	(N)F	LA		0.23	ug/L	BJ	FU	#	0.16	-
Methylene chloride	HM-S	WL	10/23/2019	(N)F	AL		0.21	ug/L	BJ	FU	#	0.16	-
Methylene chloride	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Methylene chloride	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Methylene chloride	SA1-1-H	WL	10/22/2019	(N)F	AL		0.21	ug/L	J	FU	#	0.16	-
Methylene chloride	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	J	FU	#	0.16	-
Methylene chloride	SA1-2-H	WL	10/23/2019	(N)F	AL		0.19	ug/L	J	FU	#	0.16	-
Methylene chloride	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Methylene chloride	SA1-3-H	WL	10/24/2019	(N)F	AL		0.24	ug/L	BJ	FU	#	0.16	-
Methylene chloride	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Methylene chloride	SA1-5-H	WL	10/24/2019	(N)F	AL		0.23	ug/L	BJ	FU	#	0.16	-
Methylene chloride	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Methylene chloride	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Methylene chloride	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Methylene chloride	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Methylene chloride	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Methylene chloride	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Naphthalene													
Naphthalene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Naphthalene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	HM-L	WL	10/23/2019	(N)F	LA		2.37	ug/L		F	#	0.16	-
Naphthalene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Naphthalene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Naphthalene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Naphthalene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
n-Butylbenzene													
n-Butylbenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
n-Butylbenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
n-Butylbenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
n-Butylbenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
n-Butylbenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Butylbenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
n-Propylbenzene													
n-Propylbenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
n-Propylbenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
n-Propylbenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
n-Propylbenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
n-Propylbenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
n-Propylbenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Oxidation Reduction Potential													
Oxidation Reduction Potential	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			125	mV			#	-	-
Oxidation Reduction Potential	E-7	WL	10/24/2019	(N)F	CK		-300.9	mV		F	#	-	-
Oxidation Reduction Potential	HM-1	WL	10/24/2019	(N)F	A1		-96.9	mV		F	#	-	-
Oxidation Reduction Potential	HM-2A	WL	10/24/2019	(N)F	2A		-161.8	mV		F	#	-	-
Oxidation Reduction Potential	HM-2B	WL	10/24/2019	(N)F	2B		-209.3	mV		F	#	-	-
Oxidation Reduction Potential	HM-3	WL	10/23/2019	(N)F	3A		-231.5	mV		F	#	-	-
Oxidation Reduction Potential	HMH-16R	WL	10/22/2019	(N)F	AL		-72.4	mV		FQ	#	-	-
Oxidation Reduction Potential	HMH-5R	WL	10/23/2019	(N)F	AL		-25.3	mV		F	#	-	-
Oxidation Reduction Potential	HM-L	WL	10/23/2019	(N)F	LA		-80.3	mV		F	#	-	-
Oxidation Reduction Potential	HM-L2	WL	10/23/2019	(N)F	LA		1	mV		F	#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:35:00 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Oxidation Reduction Potential	HM-S	WL	10/23/2019	(N)F	AL		-2.4	mV		F	#	-	-
Oxidation Reduction Potential	Purvis Cty Supply WL	WL	10/22/2019	(N)F			48.7	mV			#	-	-
Oxidation Reduction Potential	SA1-11-3	WL	10/23/2019	(N)F	3A		-310	mV		F	#	-	-
Oxidation Reduction Potential	SA1-12-H	WL	10/22/2019	(N)F	AL		-74.6	mV		FQ	#	-	-
Oxidation Reduction Potential	SA1-12-L	WL	10/22/2019	(N)F	LA		84.4	mV		FQ	#	-	-
Oxidation Reduction Potential	SA1-1-H	WL	10/22/2019	(N)F	AL		-47.1	mV		F	#	-	-
Oxidation Reduction Potential	SA1-2-H	WL	10/23/2019	(N)F	AL		-19.8	mV		F	#	-	-
Oxidation Reduction Potential	SA1-3-H	WL	10/24/2019	(N)F	AL		-76.8	mV		F	#	-	-
Oxidation Reduction Potential	SA1-4-H	WL	10/24/2019	(N)F	AL		-60.2	mV		F	#	-	-
Oxidation Reduction Potential	SA1-5-H	WL	10/24/2019	(N)F	AL		-2.7	mV		F	#	-	-
Oxidation Reduction Potential	SA1-6-H	WL	10/23/2019	(N)F	AL		146.1	mV		F	#	-	-
Oxidation Reduction Potential	SA1-7-H	WL	10/23/2019	(N)F	AL		-65.1	mV		F	#	-	-
Oxidation Reduction Potential	SA1-8-L	WL	10/23/2019	(N)F	LA		-65	mV		F	#	-	-
Oxidation Reduction Potential	SA2-1-L	WL	10/22/2019	(N)F	LA		116.3	mV		F	#	-	-
Oxidation Reduction Potential	SA2-2-L	WL	10/22/2019	(N)F	LA		-58.9	mV		FQ	#	-	-
Oxidation Reduction Potential	SA2-4-L	WL	10/22/2019	(N)F	LA		123.2	mV		F	#	-	-
Oxidation Reduction Potential	SA2-6-H	WL	10/23/2019	(N)F	AL		152.7	mV		F	#	-	-
Oxidation Reduction Potential	SA2-6-L	WL	10/23/2019	(N)F	LA		-11.3	mV		F	#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:35:00 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Oxidation Reduction Potential	SA3-11-3	WL	10/24/2019	(N)F	3A		-269.1	mV		F	#	-	-
Oxidation Reduction Potential	SA3-4-H	WL	10/23/2019	(N)F	AL		7.3	mV		F	#	-	-
Oxidation Reduction Potential	SA3-4-L	WL	10/23/2019	(N)F	LA		-129.9	mV		FQ	#	-	-
Oxidation Reduction Potential	SA4-5-L	WL	10/24/2019	(N)F	LA		-174	mV		FQ	#	-	-
Oxidation Reduction Potential	SA5-4-4	WL	10/23/2019	(N)F	A4		-275.8	mV			#	-	-
Oxidation Reduction Potential	SA5-5-4	WL	10/22/2019	(N)F	A4		-281.7	mV			#	-	-
Oxidation Reduction Potential	Well North Lumberton	WL	10/22/2019	(N)F			8.1	mV			#	-	-
Percent Dissolved Oxygen													
Percent Dissolved Oxygen	E-7	WL	10/24/2019	(N)F	CK		2.8	%			#	-	-
Percent Dissolved Oxygen	HM-1	WL	10/24/2019	(N)F	A1		5	%			#	-	-
Percent Dissolved Oxygen	HM-2A	WL	10/24/2019	(N)F	2A		3.1	%			#	-	-
Percent Dissolved Oxygen	HM-2B	WL	10/24/2019	(N)F	2B		3.6	%			#	-	-
Percent Dissolved Oxygen	HMH-5R	WL	10/23/2019	(N)F	AL		37	%			#	-	-
Percent Dissolved Oxygen	HM-L2	WL	10/23/2019	(N)F	LA		25.3	%			#	-	-
Percent Dissolved Oxygen	SA1-11-3	WL	10/23/2019	(N)F	3A		14.2	%			#	-	-
Percent Dissolved Oxygen	SA1-3-H	WL	10/24/2019	(N)F	AL		4	%			#	-	-
Percent Dissolved Oxygen	SA1-4-H	WL	10/24/2019	(N)F	AL		5.1	%			#	-	-
Percent Dissolved Oxygen	SA1-5-H	WL	10/24/2019	(N)F	AL		5.4	%			#	-	-
Percent Dissolved Oxygen	SA1-6-H	WL	10/23/2019	(N)F	AL		5	%			#	-	-
Percent Dissolved Oxygen	SA1-7-H	WL	10/23/2019	(N)F	AL		51.5	%			#	-	-
Percent Dissolved Oxygen	SA1-8-L	WL	10/23/2019	(N)F	LA		8.4	%			#	-	-
Percent Dissolved Oxygen	SA2-6-H	WL	10/23/2019	(N)F	AL		13.7	%			#	-	-
Percent Dissolved Oxygen	SA2-6-L	WL	10/23/2019	(N)F	LA		31.2	%			#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:35:00 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Percent Dissolved Oxygen	SA3-11-3	WL	10/24/2019	(N)F	3A		3.8	%			#	-	-
Percent Dissolved Oxygen	SA3-4-H	WL	10/23/2019	(N)F	AL		18.4	%			#	-	-
Percent Dissolved Oxygen	SA3-4-L	WL	10/23/2019	(N)F	LA		9	%			#	-	-
Percent Dissolved Oxygen	SA4-5-L	WL	10/24/2019	(N)F	LA		83.9	%			#	-	-
pH													
pH	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			6.14	s.u.			#	-	-
pH	E-7	WL	10/24/2019	(N)F	CK		7.83	s.u.		F	#	-	-
pH	HM-1	WL	10/24/2019	(N)F	A1		8.95	s.u.		F	#	-	-
pH	HM-2A	WL	10/24/2019	(N)F	2A		7.12	s.u.		F	#	-	-
pH	HM-2B	WL	10/24/2019	(N)F	2B		9.72	s.u.		F	#	-	-
pH	HM-3	WL	10/23/2019	(N)F	3A		9.27	s.u.		F	#	-	-
pH	HMH-16R	WL	10/22/2019	(N)F	AL		7.07	s.u.		FQ	#	-	-
pH	HMH-5R	WL	10/23/2019	(N)F	AL		5.82	s.u.		F	#	-	-
pH	HM-L	WL	10/23/2019	(N)F	LA		9.06	s.u.		F	#	-	-
pH	HM-L2	WL	10/23/2019	(N)F	LA		7.65	s.u.		F	#	-	-
pH	HM-S	WL	10/23/2019	(N)F	AL		5.86	s.u.		F	#	-	-
pH	Purvis Cty Supply WL	WL	10/22/2019	(N)F			6.64	s.u.			#	-	-
pH	SA1-11-3	WL	10/23/2019	(N)F	3A		8.31	s.u.		F	#	-	-
pH	SA1-12-H	WL	10/22/2019	(N)F	AL		7.26	s.u.		FQ	#	-	-
pH	SA1-12-L	WL	10/22/2019	(N)F	LA		8.03	s.u.		FQ	#	-	-
pH	SA1-1-H	WL	10/22/2019	(N)F	AL		6.24	s.u.		F	#	-	-
pH	SA1-2-H	WL	10/23/2019	(N)F	AL		5.92	s.u.		F	#	-	-
pH	SA1-3-H	WL	10/24/2019	(N)F	AL		6.47	s.u.		F	#	-	-
pH	SA1-4-H	WL	10/24/2019	(N)F	AL		5.87	s.u.		F	#	-	-

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
pH	SA1-5-H	WL	10/24/2019	(N)F	AL		6.02	s.u.		F	#	-	-
pH	SA1-6-H	WL	10/23/2019	(N)F	AL		5.37	s.u.		F	#	-	-
pH	SA1-7-H	WL	10/23/2019	(N)F	AL		6.1	s.u.		F	#	-	-
pH	SA1-8-L	WL	10/23/2019	(N)F	LA		6.9	s.u.		F	#	-	-
pH	SA2-1-L	WL	10/22/2019	(N)F	LA		9.19	s.u.		F	#	-	-
pH	SA2-2-L	WL	10/22/2019	(N)F	LA		12.59	s.u.		FQ	#	-	-
pH	SA2-4-L	WL	10/22/2019	(N)F	LA		8.36	s.u.		F	#	-	-
pH	SA2-6-H	WL	10/23/2019	(N)F	AL		5.96	s.u.		F	#	-	-
pH	SA2-6-L	WL	10/23/2019	(N)F	LA		6.32	s.u.		F	#	-	-
pH	SA3-11-3	WL	10/24/2019	(N)F	3A		10.74	s.u.		F	#	-	-
pH	SA3-4-H	WL	10/23/2019	(N)F	AL		6.98	s.u.		F	#	-	-
pH	SA3-4-L	WL	10/23/2019	(N)F	LA		7.8	s.u.		FQ	#	-	-
pH	SA4-5-L	WL	10/24/2019	(N)F	LA		12.58	s.u.		FQ	#	-	-
pH	SA5-4-4	WL	10/23/2019	(N)F	A4		8.6	s.u.			#	-	-
pH	SA5-5-4	WL	10/22/2019	(N)F	A4		8.59	s.u.			#	-	-
pH	Well North Lumberton	WL	10/22/2019	(N)F			7.07	s.u.			#	-	-
p-Isopropyltoluene													
p-Isopropyltoluene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
p-Isopropyltoluene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
p-Isopropyltoluene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
p-Isopropyltoluene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
p-Isopropyltoluene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
p-Isopropyltoluene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Potassium													
Potassium	Bx.Cty WL #370007-04	WL	10/22/2019	(T)F			0.582	mg/L			#	0.05	-
Potassium	E-7	WL	10/24/2019	(T)F	CK		2.05	mg/L		F	#	0.05	-
Potassium	HM-1	WL	10/24/2019	(T)F	A1		3.22	mg/L		F	#	0.05	-
Potassium	HM-2A	WL	10/24/2019	(T)F	2A		3.72	mg/L		F	#	0.05	-
Potassium	HM-2B	WL	10/24/2019	(T)F	2B		3.06	mg/L		F	#	0.05	-
Potassium	HM-3	WL	10/23/2019	(T)F	3A		4.71	mg/L		F	#	0.05	-
Potassium	HMH-16R	WL	10/22/2019	(T)F	AL		3.97	mg/L		FQ	#	0.05	-
Potassium	HMH-5R	WL	10/23/2019	(T)F	AL		2.48	mg/L		F	#	0.05	-
Potassium	HM-L	WL	10/23/2019	(T)F	LA		8.34	mg/L		F	#	0.05	-
Potassium	HM-L2	WL	10/23/2019	(T)F	LA		3.19	mg/L		F	#	0.05	-
Potassium	HM-S	WL	10/23/2019	(T)F	AL		3.55	mg/L		F	#	0.05	-
Potassium	Purvis Cty Supply WL	WL	10/22/2019	(T)F			1.87	mg/L			#	0.05	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Potassium	SA1-11-3	WL	10/23/2019	(T)F	3A		3.74	mg/L		F	#	0.05	-
Potassium	SA1-12-H	WL	10/22/2019	(T)F	AL		2.35	mg/L		FQ	#	0.05	-
Potassium	SA1-12-L	WL	10/22/2019	(T)F	LA		2.28	mg/L		FQ	#	0.05	-
Potassium	SA1-1-H	WL	10/22/2019	(T)F	AL		2.18	mg/L		F	#	0.05	-
Potassium	SA1-2-H	WL	10/23/2019	(T)D	AL		4.09	mg/L		F	#	0.05	-
Potassium	SA1-2-H	WL	10/23/2019	(T)F	AL		4.02	mg/L		F	#	0.05	-
Potassium	SA1-3-H	WL	10/24/2019	(D)D	AL		7.54	mg/L		F	#	0.05	-
Potassium	SA1-3-H	WL	10/24/2019	(D)F	AL		7.47	mg/L		F	#	0.05	-
Potassium	SA1-4-H	WL	10/24/2019	(T)F	AL		1.69	mg/L		F	#	0.05	-
Potassium	SA1-5-H	WL	10/24/2019	(D)F	AL		3.16	mg/L		F	#	0.05	-
Potassium	SA1-6-H	WL	10/23/2019	(T)F	AL		0.454	mg/L		F	#	0.05	-
Potassium	SA1-7-H	WL	10/23/2019	(T)F	AL		2.25	mg/L		F	#	0.05	-
Potassium	SA1-8-L	WL	10/23/2019	(T)F	LA		2.12	mg/L		F	#	0.05	-
Potassium	SA2-1-L	WL	10/22/2019	(T)F	LA		4.74	mg/L		F	#	0.05	-
Potassium	SA2-2-L	WL	10/22/2019	(T)F	LA		6.97	mg/L		FQ	#	0.25	-
Potassium	SA2-4-L	WL	10/22/2019	(T)F	LA		2.24	mg/L		F	#	0.05	-
Potassium	SA2-6-H	WL	10/23/2019	(T)F	AL		1.42	mg/L		F	#	0.05	-
Potassium	SA2-6-L	WL	10/23/2019	(T)F	LA		2.05	mg/L		F	#	0.05	-
Potassium	SA3-11-3	WL	10/24/2019	(T)F	3A		11.8	mg/L		F	#	0.05	-
Potassium	SA3-11-3	WL	10/24/2019	(T)D	3A		11.8	mg/L		F	#	0.05	-
Potassium	SA3-4-H	WL	10/23/2019	(T)F	AL		2.23	mg/L		F	#	0.05	-
Potassium	SA3-4-L	WL	10/23/2019	(T)F	LA		1.25	mg/L		FQ	#	0.05	-
Potassium	SA4-5-L	WL	10/24/2019	(T)F	LA		7.53	mg/L		FQ	#	0.05	-
Potassium	SA5-4-4	WL	10/23/2019	(T)F	A4		2.48	mg/L			#	0.25	-
Potassium	SA5-5-4	WL	10/22/2019	(T)F	A4		2.76	mg/L			#	0.25	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Potassium	Well North Lumberton	WL	10/22/2019	(T)F			1.46	mg/L			#	0.05	-
sec-Butylbenzene													
sec-Butylbenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
sec-Butylbenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
sec-Butylbenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
sec-Butylbenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
sec-Butylbenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Sodium													
Sodium	Bx.Cty WL #370007-04	WL	10/22/2019	(T)F			2.38	mg/L			#	0.1	-
Sodium	E-7	WL	10/24/2019	(T)F	CK		338	mg/L		F	#	0.1	-
Sodium	HM-1	WL	10/24/2019	(T)F	A1		31	mg/L		F	#	0.1	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Sodium	HM-2A	WL	10/24/2019	(T)F	2A		15.7	mg/L		F	#	0.1	-
Sodium	HM-2B	WL	10/24/2019	(T)F	2B		96.2	mg/L		F	#	0.1	-
Sodium	HM-3	WL	10/23/2019	(T)F	3A		259	mg/L		F	#	0.1	-
Sodium	HMH-16R	WL	10/22/2019	(T)F	AL		53.2	mg/L		FQ	#	0.1	-
Sodium	HMH-5R	WL	10/23/2019	(T)F	AL		79.4	mg/L		F	#	0.1	-
Sodium	HM-L	WL	10/23/2019	(T)F	LA		51.7	mg/L		F	#	0.1	-
Sodium	HM-L2	WL	10/23/2019	(T)F	LA		47.8	mg/L		F	#	0.1	-
Sodium	HM-S	WL	10/23/2019	(T)F	AL		121	mg/L		F	#	0.1	-
Sodium	Purvis Cty Supply WL	WL	10/22/2019	(T)F			20.1	mg/L			#	0.1	-
Sodium	SA1-11-3	WL	10/23/2019	(T)F	3A		183	mg/L		F	#	0.1	-
Sodium	SA1-12-H	WL	10/22/2019	(T)F	AL		16.5	mg/L		FQ	#	0.1	-
Sodium	SA1-12-L	WL	10/22/2019	(T)F	LA		55	mg/L		FQ	#	0.1	-
Sodium	SA1-1-H	WL	10/22/2019	(T)F	AL		53.2	mg/L		F	#	0.1	-
Sodium	SA1-2-H	WL	10/23/2019	(T)D	AL		187	mg/L		F	#	0.1	-
Sodium	SA1-2-H	WL	10/23/2019	(T)F	AL		182	mg/L		F	#	0.1	-
Sodium	SA1-3-H	WL	10/24/2019	(D)D	AL		169	mg/L		F	#	0.1	-
Sodium	SA1-3-H	WL	10/24/2019	(D)F	AL		179	mg/L		F	#	0.1	-
Sodium	SA1-4-H	WL	10/24/2019	(T)F	AL		29	mg/L		F	#	0.1	-
Sodium	SA1-5-H	WL	10/24/2019	(D)F	AL		85.6	mg/L		F	#	0.1	-
Sodium	SA1-6-H	WL	10/23/2019	(T)F	AL		2.59	mg/L		F	#	0.1	-
Sodium	SA1-7-H	WL	10/23/2019	(T)F	AL		216	mg/L		F	#	0.1	-
Sodium	SA1-8-L	WL	10/23/2019	(T)F	LA		16.7	mg/L		F	#	0.1	-
Sodium	SA2-1-L	WL	10/22/2019	(T)F	LA		48.2	mg/L		F	#	0.1	-
Sodium	SA2-2-L	WL	10/22/2019	(T)F	LA		23	mg/L		FQ	#	0.1	-
Sodium	SA2-4-L	WL	10/22/2019	(T)F	LA		43.7	mg/L		F	#	0.1	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Sodium	SA2-6-H	WL	10/23/2019	(T)F	AL		4.02	mg/L		F	#	0.1	-
Sodium	SA2-6-L	WL	10/23/2019	(T)F	LA		10.1	mg/L		F	#	0.1	-
Sodium	SA3-11-3	WL	10/24/2019	(T)F	3A		459	mg/L		F	#	0.1	-
Sodium	SA3-11-3	WL	10/24/2019	(T)D	3A		466	mg/L		F	#	0.1	-
Sodium	SA3-4-H	WL	10/23/2019	(T)F	AL		11.1	mg/L		F	#	0.1	-
Sodium	SA3-4-L	WL	10/23/2019	(T)F	LA		34.4	mg/L		FQ	#	0.1	-
Sodium	SA4-5-L	WL	10/24/2019	(T)F	LA		32.4	mg/L		FQ	#	0.1	-
Sodium	SA5-4-4	WL	10/23/2019	(T)F	A4		824	mg/L			#	0.5	-
Sodium	SA5-5-4	WL	10/22/2019	(T)F	A4		653	mg/L			#	0.5	-
Sodium	Well North Lumberton	WL	10/22/2019	(T)F			33.6	mg/L			#	0.1	-
Specific Conductance													
Specific Conductance	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			91	umhos/cm			#	-	-
Specific Conductance	E-7	WL	10/24/2019	(N)F	CK		1991	umhos/cm		F	#	-	-
Specific Conductance	HM-1	WL	10/24/2019	(N)F	A1		219	umhos/cm		F	#	-	-
Specific Conductance	HM-2A	WL	10/24/2019	(N)F	2A		152	umhos/cm		F	#	-	-
Specific Conductance	HM-2B	WL	10/24/2019	(N)F	2B		468	umhos/cm		F	#	-	-
Specific Conductance	HM-3	WL	10/23/2019	(N)F	3A		1157	umhos/cm		F	#	-	-
Specific Conductance	HMH-16R	WL	10/22/2019	(N)F	AL		675	umhos/cm		FQ	#	-	-
Specific Conductance	HMH-5R	WL	10/23/2019	(N)F	AL		843	umhos/cm		F	#	-	-
Specific Conductance	HM-L	WL	10/23/2019	(N)F	LA		617	umhos/cm		F	#	-	-
Specific Conductance	HM-L2	WL	10/23/2019	(N)F	LA		455	umhos/cm		F	#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Specific Conductance	HM-S	WL	10/23/2019	(N)F	AL		894	umhos/cm		F	#	-	-
Specific Conductance	Purvis Cty Supply WL	WL	10/22/2019	(N)F			115	umhos/cm			#	-	-
Specific Conductance	SA1-11-3	WL	10/23/2019	(N)F	3A		1017	umhos/cm		F	#	-	-
Specific Conductance	SA1-12-H	WL	10/22/2019	(N)F	AL		299	umhos/cm		FQ	#	-	-
Specific Conductance	SA1-12-L	WL	10/22/2019	(N)F	LA		389	umhos/cm		FQ	#	-	-
Specific Conductance	SA1-1-H	WL	10/22/2019	(N)F	AL		614	umhos/cm		F	#	-	-
Specific Conductance	SA1-2-H	WL	10/23/2019	(N)F	AL		1439	umhos/cm		F	#	-	-
Specific Conductance	SA1-3-H	WL	10/24/2019	(N)F	AL		1724	umhos/cm		F	#	-	-
Specific Conductance	SA1-4-H	WL	10/24/2019	(N)F	AL		300	umhos/cm		F	#	-	-
Specific Conductance	SA1-5-H	WL	10/24/2019	(N)F	AL		1596	umhos/cm		F	#	-	-
Specific Conductance	SA1-6-H	WL	10/23/2019	(N)F	AL		44	umhos/cm		F	#	-	-
Specific Conductance	SA1-7-H	WL	10/23/2019	(N)F	AL		1894	umhos/cm		F	#	-	-
Specific Conductance	SA1-8-L	WL	10/23/2019	(N)F	LA		191	umhos/cm		F	#	-	-
Specific Conductance	SA2-1-L	WL	10/22/2019	(N)F	LA		286	umhos/cm		F	#	-	-
Specific Conductance	SA2-2-L	WL	10/22/2019	(N)F	LA		7198	umhos/cm		FQ	#	-	-
Specific Conductance	SA2-4-L	WL	10/22/2019	(N)F	LA		285	umhos/cm		F	#	-	-
Specific Conductance	SA2-6-H	WL	10/23/2019	(N)F	AL		51	umhos/cm		F	#	-	-
Specific Conductance	SA2-6-L	WL	10/23/2019	(N)F	LA		180	umhos/cm		F	#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Specific Conductance	SA3-11-3	WL	10/24/2019	(N)F	3A		3831	umhos/cm		F	#	-	-
Specific Conductance	SA3-4-H	WL	10/23/2019	(N)F	AL		433	umhos/cm		F	#	-	-
Specific Conductance	SA3-4-L	WL	10/23/2019	(N)F	LA		220	umhos/cm		FQ	#	-	-
Specific Conductance	SA4-5-L	WL	10/24/2019	(N)F	LA		6856	umhos/cm		FQ	#	-	-
Specific Conductance	SA5-4-4	WL	10/23/2019	(N)F	A4		4007	umhos/cm			#	-	-
Specific Conductance	SA5-5-4	WL	10/22/2019	(N)F	A4		3076	umhos/cm			#	-	-
Specific Conductance	Well North Lumberton	WL	10/22/2019	(N)F			180	umhos/cm			#	-	-
Styrene													
Styrene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Styrene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Styrene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Styrene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Styrene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Styrene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Styrene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Styrene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Sulfate													
Sulfate	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			0.238	mg/L	J		#	0.133	-
Sulfate	E-7	WL	10/24/2019	(N)F	CK		232	mg/L		F	#	13.3	-
Sulfate	HM-1	WL	10/24/2019	(N)F	A1		2.7	mg/L		F	#	0.665	-
Sulfate	HM-2A	WL	10/24/2019	(N)F	2A		0.133	mg/L	U	F	#	0.133	-
Sulfate	HM-2B	WL	10/24/2019	(N)F	2B		43.8	mg/L		F	#	0.665	-
Sulfate	HM-3	WL	10/23/2019	(N)F	3A		3.67	mg/L		F	#	0.133	-
Sulfate	HMH-16R	WL	10/22/2019	(N)F	AL		9.23	mg/L		FQ	#	0.133	-
Sulfate	HMH-5R	WL	10/23/2019	(N)F	AL		4.24	mg/L		F	#	0.133	-
Sulfate	HM-L	WL	10/23/2019	(N)F	LA		21.4	mg/L		F	#	0.266	-
Sulfate	HM-L2	WL	10/23/2019	(N)F	LA		19.5	mg/L		F	#	0.266	-
Sulfate	HM-S	WL	10/23/2019	(N)F	AL		181	mg/L		F	#	3.33	-
Sulfate	Purvis Cty Supply WL	WL	10/22/2019	(N)F			7.32	mg/L			#	0.665	-
Sulfate	SA1-11-3	WL	10/23/2019	(N)F	3A		146	mg/L		F	#	3.33	-
Sulfate	SA1-12-H	WL	10/22/2019	(N)F	AL		4.64	mg/L		FQ	#	0.133	-
Sulfate	SA1-12-L	WL	10/22/2019	(N)F	LA		11.4	mg/L		FQ	#	0.133	-
Sulfate	SA1-1-H	WL	10/22/2019	(N)F	AL		16.5	mg/L		F	#	1.33	-
Sulfate	SA1-2-H	WL	10/23/2019	(N)D	AL		253	mg/L		F	#	6.65	-
Sulfate	SA1-2-H	WL	10/23/2019	(N)F	AL		273	mg/L		F	#	6.65	-
Sulfate	SA1-3-H	WL	10/24/2019	(N)D	AL		348	mg/L		F	#	6.65	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Sulfate	SA1-3-H	WL	10/24/2019	(N)F	AL		368	mg/L		F	#	6.65	-
Sulfate	SA1-4-H	WL	10/24/2019	(N)F	AL		6.34	mg/L		F	#	0.665	-
Sulfate	SA1-5-H	WL	10/24/2019	(N)F	AL		691	mg/L		F	#	6.65	-
Sulfate	SA1-6-H	WL	10/23/2019	(N)F	AL		2.87	mg/L		F	#	0.133	-
Sulfate	SA1-7-H	WL	10/23/2019	(N)F	AL		90.4	mg/L		F	#	1.33	-
Sulfate	SA1-8-L	WL	10/23/2019	(N)F	LA		1.81	mg/L		F	#	0.133	-
Sulfate	SA2-1-L	WL	10/22/2019	(N)F	LA		51.9	mg/L		F	#	1.33	-
Sulfate	SA2-2-L	WL	10/22/2019	(N)F	LA		8.54	mg/L		FQ	#	1.33	-
Sulfate	SA2-4-L	WL	10/22/2019	(N)F	LA		31.6	mg/L		F	#	1.33	-
Sulfate	SA2-6-H	WL	10/23/2019	(N)F	AL		7.6	mg/L		F	#	0.133	-
Sulfate	SA2-6-L	WL	10/23/2019	(N)F	LA		7.89	mg/L		F	#	1.33	-
Sulfate	SA3-11-3	WL	10/24/2019	(N)F	3A		932	mg/L		F	#	26.6	-
Sulfate	SA3-11-3	WL	10/24/2019	(N)D	3A		935	mg/L		F	#	26.6	-
Sulfate	SA3-4-H	WL	10/23/2019	(N)F	AL		5.48	mg/L		F	#	0.665	-
Sulfate	SA3-4-L	WL	10/23/2019	(N)F	LA		5.78	mg/L		FQ	#	0.665	-
Sulfate	SA4-5-L	WL	10/24/2019	(N)F	LA		4.97	mg/L		FQ	#	0.665	-
Sulfate	SA5-4-4	WL	10/23/2019	(N)F	A4		9.65	mg/L			#	0.665	-
Sulfate	SA5-5-4	WL	10/22/2019	(N)F	A4		2.46	mg/L			#	0.665	-
Sulfate	Well North Lumberton	WL	10/22/2019	(N)F			5.56	mg/L			#	0.665	-
Temperature													
Temperature	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			19.16	C			#	-	-
Temperature	E-7	WL	10/24/2019	(N)F	CK		21.09	C		F	#	-	-
Temperature	HM-1	WL	10/24/2019	(N)F	A1		20.75	C		F	#	-	-
Temperature	HM-2A	WL	10/24/2019	(N)F	2A		21.13	C		F	#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Temperature	HM-2B	WL	10/24/2019	(N)F	2B		20.57	C		F	#	-	-
Temperature	HM-3	WL	10/23/2019	(N)F	3A		21.32	C		F	#	-	-
Temperature	HMH-16R	WL	10/22/2019	(N)F	AL		21.49	C		FQ	#	-	-
Temperature	HMH-5R	WL	10/23/2019	(N)F	AL		21.31	C		F	#	-	-
Temperature	HM-L	WL	10/23/2019	(N)F	LA		21.01	C		F	#	-	-
Temperature	HM-L2	WL	10/23/2019	(N)F	LA		20.37	C		F	#	-	-
Temperature	HM-S	WL	10/23/2019	(N)F	AL		21.7	C		F	#	-	-
Temperature	Purvis Cty Supply WL	WL	10/22/2019	(N)F			24.27	C			#	-	-
Temperature	SA1-11-3	WL	10/23/2019	(N)F	3A		21.13	C		F	#	-	-
Temperature	SA1-12-H	WL	10/22/2019	(N)F	AL		20.51	C		FQ	#	-	-
Temperature	SA1-12-L	WL	10/22/2019	(N)F	LA		20.26	C		FQ	#	-	-
Temperature	SA1-1-H	WL	10/22/2019	(N)F	AL		21.53	C		F	#	-	-
Temperature	SA1-2-H	WL	10/23/2019	(N)F	AL		20.14	C		F	#	-	-
Temperature	SA1-3-H	WL	10/24/2019	(N)F	AL		19.55	C		F	#	-	-
Temperature	SA1-4-H	WL	10/24/2019	(N)F	AL		21.79	C		F	#	-	-
Temperature	SA1-5-H	WL	10/24/2019	(N)F	AL		20.23	C		F	#	-	-
Temperature	SA1-6-H	WL	10/23/2019	(N)F	AL		22.8	C		F	#	-	-
Temperature	SA1-7-H	WL	10/23/2019	(N)F	AL		22.01	C		F	#	-	-
Temperature	SA1-8-L	WL	10/23/2019	(N)F	LA		21.24	C		F	#	-	-
Temperature	SA2-1-L	WL	10/22/2019	(N)F	LA		20.76	C		F	#	-	-
Temperature	SA2-2-L	WL	10/22/2019	(N)F	LA		20.81	C		FQ	#	-	-
Temperature	SA2-4-L	WL	10/22/2019	(N)F	LA		21.27	C		F	#	-	-
Temperature	SA2-6-H	WL	10/23/2019	(N)F	AL		19.98	C		F	#	-	-
Temperature	SA2-6-L	WL	10/23/2019	(N)F	LA		19.85	C		F	#	-	-
Temperature	SA3-11-3	WL	10/24/2019	(N)F	3A		21.07	C		F	#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Temperature	SA3-4-H	WL	10/23/2019	(N)F	AL		21.99	C		F	#	-	-
Temperature	SA3-4-L	WL	10/23/2019	(N)F	LA		21.04	C		FQ	#	-	-
Temperature	SA4-5-L	WL	10/24/2019	(N)F	LA		20.6	C		FQ	#	-	-
Temperature	SA5-4-4	WL	10/23/2019	(N)F	A4		23.97	C			#	-	-
Temperature	SA5-5-4	WL	10/22/2019	(N)F	A4		25.3	C			#	-	-
Temperature	Well North Lumberton	WL	10/22/2019	(N)F			22.24	C			#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
tert-Butylbenzene													
tert-Butylbenzene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
tert-Butylbenzene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
tert-Butylbenzene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
tert-Butylbenzene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
tert-Butylbenzene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Tetrachloroethene													
Tetrachloroethene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Tetrachloroethene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Tetrachloroethene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Tetrachloroethene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Tetrachloroethene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Tetrachloroethene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Toluene													
Toluene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Toluene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	HM-L	WL	10/23/2019	(N)F	LA		0.25	ug/L	J	F	#	0.16	-
Toluene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Toluene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Toluene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Toluene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Toluene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Toluene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Total Xylenes													
Total Xylenes	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Total Xylenes	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Total Xylenes	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Total Xylenes	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Total Xylenes	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Total Xylenes	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
trans-1,2-Dichloroethene													
trans-1,2-Dichloroethene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
trans-1,2-Dichloroethene	HMH-5R	WL	10/23/2019	(N)F	AL		25	ug/L		F	#	0.16	-
trans-1,2-Dichloroethene	HM-L	WL	10/23/2019	(N)F	LA		0.38	ug/L	J	F	#	0.16	-
trans-1,2-Dichloroethene	HM-S	WL	10/23/2019	(N)F	AL		1.08	ug/L		F	#	0.16	-
trans-1,2-Dichloroethene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
trans-1,2-Dichloroethene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
trans-1,2-Dichloroethene	SA1-1-H	WL	10/22/2019	(N)F	AL		2.11	ug/L		F	#	0.16	-
trans-1,2-Dichloroethene	SA1-2-H	WL	10/23/2019	(N)D	AL		3.13	ug/L		F	#	0.16	-
trans-1,2-Dichloroethene	SA1-2-H	WL	10/23/2019	(N)F	AL		2.9	ug/L		F	#	0.16	-
trans-1,2-Dichloroethene	SA1-3-H	WL	10/24/2019	(N)D	AL		18.2	ug/L		F	#	0.16	-
trans-1,2-Dichloroethene	SA1-3-H	WL	10/24/2019	(N)F	AL		18.2	ug/L		F	#	0.16	-
trans-1,2-Dichloroethene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,2-Dichloroethene	SA1-5-H	WL	10/24/2019	(N)F	AL		7.9	ug/L		F	#	0.16	-
trans-1,2-Dichloroethene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,2-Dichloroethene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,2-Dichloroethene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
trans-1,2-Dichloroethene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,2-Dichloroethene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,2-Dichloroethene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

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PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
trans-1,3-dichloropropene													
trans-1,3-dichloropropene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
trans-1,3-dichloropropene	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
trans-1,3-dichloropropene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
trans-1,3-dichloropropene	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
trans-1,3-dichloropropene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Trichloroethene													
Trichloroethene	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Trichloroethene	HMH-5R	WL	10/23/2019	(N)F	AL		92.6	ug/L		F	#	0.16	-
Trichloroethene	HM-L	WL	10/23/2019	(N)F	LA		0.99	ug/L	J	F	#	0.16	-
Trichloroethene	HM-S	WL	10/23/2019	(N)F	AL		1.18	ug/L		F	#	0.16	-

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Trichloroethene	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Trichloroethene	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Trichloroethene	SA1-1-H	WL	10/22/2019	(N)F	AL		1.9	ug/L		F	#	0.16	-
Trichloroethene	SA1-2-H	WL	10/23/2019	(N)D	AL		1.66	ug/L		F	#	0.16	-
Trichloroethene	SA1-2-H	WL	10/23/2019	(N)F	AL		1.64	ug/L		F	#	0.16	-
Trichloroethene	SA1-3-H	WL	10/24/2019	(N)D	AL		0.85	ug/L	J	F	#	0.16	-
Trichloroethene	SA1-3-H	WL	10/24/2019	(N)F	AL		0.91	ug/L	J	F	#	0.16	-
Trichloroethene	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichloroethene	SA1-5-H	WL	10/24/2019	(N)F	AL		0.2	ug/L	J	F	#	0.16	-
Trichloroethene	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichloroethene	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichloroethene	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Trichloroethene	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichloroethene	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichloroethene	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Trichlorofluoromethane													
Trichlorofluoromethane	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Trichlorofluoromethane	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Trichlorofluoromethane	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Trichlorofluoromethane	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:35:00 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Trichlorofluoromethane	SA1-3-H	WL	10/24/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA1-3-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA1-5-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Trichlorofluoromethane	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Tritium													
Tritium	E-7	WL	10/24/2019	(N)F	CK		-61.472	pCi/L	U	F	#	332.817	± 194.585
Tritium	HM-1	WL	10/24/2019	(N)F	A1		-35.805	pCi/L	U	F	#	323.087	± 189.235
Tritium	HM-2A	WL	10/24/2019	(N)F	2A		27.534	pCi/L	U	F	#	331.278	± 195.095
Tritium	HM-2B	WL	10/24/2019	(N)F	2B		-61.273	pCi/L	U	F	#	331.738	± 193.955
Tritium	HM-3	WL	10/23/2019	(N)F	3A		-232.879	pCi/L	U	F	#	325.121	± 188.686
Tritium	HMH-16R	WL	10/22/2019	(N)F	AL		-84.815	pCi/L	U	FQ	#	322.565	± 188.342
Tritium	HMH-5R	WL	10/23/2019	(N)F	AL		887.429	pCi/L		FJ	#	318.813	± 220.996
Tritium	HM-L	WL	10/23/2019	(N)F	LA		463.422	pCi/L		FJ	#	321.455	± 202.033
Tritium	HM-L2	WL	10/23/2019	(N)F	LA		-208.334	pCi/L	U	F	#	323.626	± 187.921
Tritium	HM-S	WL	10/23/2019	(N)F	AL		-34.947	pCi/L	U	F	#	321.195	± 188.196
Tritium	SA1-11-3	WL	10/23/2019	(N)F	3A		-193.615	pCi/L	U	F	#	327.582	± 190.203
Tritium	SA1-12-H	WL	10/22/2019	(N)F	AL		-179.665	pCi/L	U	FQ	#	324.843	± 188.8
Tritium	SA1-12-L	WL	10/22/2019	(N)F	LA		9.225	pCi/L	U	FQ	#	333.326	± 195.976
Tritium	SA1-1-H	WL	10/22/2019	(N)F	AL		2764.964	pCi/L		F	#	332.641	± 369.55

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:35:00 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Tritium	SA1-1-H	WL	10/22/2019	(N)F	AL		2854.203	pCi/L		F	#	335.936	± 378.657
Tritium	SA1-1-H	WL	10/22/2019	(N)F	AL		1448.131	pCi/L		F	#	325.327	± 260.442
Tritium	SA1-2-H	WL	10/23/2019	(N)D	AL		342.727	pCi/L		FJ	#	337.377	± 206.867
Tritium	SA1-2-H	WL	10/23/2019	(N)F	AL		151.471	pCi/L	U	F	#	321.937	± 192.278
Tritium	SA1-3-H	WL	10/24/2019	(N)D	AL		40.198	pCi/L	U	F	#	334.826	± 197.414
Tritium	SA1-3-H	WL	10/24/2019	(N)F	AL		120.871	pCi/L	U	F	#	335.596	± 199.552
Tritium	SA1-4-H	WL	10/24/2019	(N)F	AL		-147.006	pCi/L	U	F	#	324.862	± 188.963
Tritium	SA1-5-H	WL	10/24/2019	(N)F	AL		-57.956	pCi/L	U	F	#	330.299	± 193.155
Tritium	SA1-6-H	WL	10/23/2019	(N)F	AL		-60.998	pCi/L	U	F	#	330.597	± 193.292
Tritium	SA1-7-H	WL	10/23/2019	(N)F	AL		2.972	pCi/L	U	F	#	322.166	± 189.313
Tritium	SA1-8-L	WL	10/23/2019	(N)F	LA		26.846	pCi/L	U	F	#	323.334	± 190.419
Tritium	SA2-1-L	WL	10/22/2019	(N)F	LA		-45.557	pCi/L	U	F	#	329.209	± 192.692
Tritium	SA2-2-L	WL	10/22/2019	(N)F	LA		-246.865	pCi/L	U	FQ	#	322.398	± 186.935
Tritium	SA2-4-L	WL	10/22/2019	(N)F	LA		86.508	pCi/L	U	F	#	323.346	± 191.606
Tritium	SA2-6-H	WL	10/23/2019	(N)F	AL		54.092	pCi/L	U	F	#	325.742	± 192.348
Tritium	SA2-6-L	WL	10/23/2019	(N)F	LA		85.137	pCi/L	U	F	#	329.588	± 195.24
Tritium	SA3-11-3	WL	10/24/2019	(N)F	3A		-127.211	pCi/L	U	F	#	328.313	± 191.175
Tritium	SA3-11-3	WL	10/24/2019	(N)D	3A		-122.056	pCi/L	U	F	#	322.355	± 187.73
Tritium	SA3-4-H	WL	10/23/2019	(N)F	AL		-55.443	pCi/L	U	F	#	333.528	± 195.086
Tritium	SA3-4-L	WL	10/23/2019	(N)F	LA		-56.84	pCi/L	U	FQ	#	324.273	± 189.635
Tritium	SA4-5-L	WL	10/24/2019	(N)F	LA		-39.591	pCi/L	U	FQ	#	329.773	± 193.106
Tritium	SA5-4-4	WL	10/23/2019	(N)F	A4		-106.769	pCi/L	U		#	330.323	± 192.564
Tritium	SA5-5-4	WL	10/22/2019	(N)F	A4		178.102	pCi/L	U		#	332.507	± 199.139
Turbidity													
Turbidity	Bx.Cty WL #370007-04	WL	10/22/2019	(N)F			4.38	NTU			#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:35:00 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Turbidity	E-7	WL	10/24/2019	(N)F	CK		0.62	NTU		F	#	-	-
Turbidity	HM-1	WL	10/24/2019	(N)F	A1		1.48	NTU		F	#	-	-
Turbidity	HM-2A	WL	10/24/2019	(N)F	2A		0.99	NTU		F	#	-	-
Turbidity	HM-2B	WL	10/24/2019	(N)F	2B		1.23	NTU		F	#	-	-
Turbidity	HM-3	WL	10/23/2019	(N)F	3A		1.66	NTU		F	#	-	-
Turbidity	HMH-16R	WL	10/22/2019	(N)F	AL		6.78	NTU		FQ	#	-	-
Turbidity	HMH-5R	WL	10/23/2019	(N)F	AL		9.58	NTU		F	#	-	-
Turbidity	HM-L	WL	10/23/2019	(N)F	LA		0.7	NTU		F	#	-	-
Turbidity	HM-L2	WL	10/23/2019	(N)F	LA		0.47	NTU		F	#	-	-
Turbidity	HM-S	WL	10/23/2019	(N)F	AL		5.51	NTU		F	#	-	-
Turbidity	Purvis Cty Supply WL	WL	10/22/2019	(N)F			0.94	NTU			#	-	-
Turbidity	SA1-11-3	WL	10/23/2019	(N)F	3A		0.29	NTU		F	#	-	-
Turbidity	SA1-12-H	WL	10/22/2019	(N)F	AL		4.42	NTU		FQ	#	-	-
Turbidity	SA1-12-L	WL	10/22/2019	(N)F	LA		0.6	NTU		FQ	#	-	-
Turbidity	SA1-1-H	WL	10/22/2019	(N)F	AL		4.69	NTU		F	#	-	-
Turbidity	SA1-2-H	WL	10/23/2019	(N)F	AL		2.43	NTU		F	#	-	-
Turbidity	SA1-3-H	WL	10/24/2019	(N)F	AL		19.7	NTU		F	#	-	-
Turbidity	SA1-4-H	WL	10/24/2019	(N)F	AL		6.92	NTU		F	#	-	-
Turbidity	SA1-5-H	WL	10/24/2019	(N)F	AL		19.9	NTU		F	#	-	-
Turbidity	SA1-6-H	WL	10/23/2019	(N)F	AL		999	NTU		F	#	999	-
Turbidity	SA1-7-H	WL	10/23/2019	(N)F	AL		4.61	NTU		F	#	-	-
Turbidity	SA1-8-L	WL	10/23/2019	(N)F	LA		7.9	NTU		F	#	-	-
Turbidity	SA2-1-L	WL	10/22/2019	(N)F	LA		0.39	NTU		F	#	-	-
Turbidity	SA2-2-L	WL	10/22/2019	(N)F	LA		0.36	NTU		FQ	#	-	-
Turbidity	SA2-4-L	WL	10/22/2019	(N)F	LA		1.08	NTU		F	#	-	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:35:00 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Turbidity	SA2-6-H	WL	10/23/2019	(N)F	AL		2.25	NTU		F	#	-	-
Turbidity	SA2-6-L	WL	10/23/2019	(N)F	LA		6.1	NTU		F	#	-	-
Turbidity	SA3-11-3	WL	10/24/2019	(N)F	3A		1.09	NTU		F	#	-	-
Turbidity	SA3-4-H	WL	10/23/2019	(N)F	AL		2.98	NTU		F	#	-	-
Turbidity	SA3-4-L	WL	10/23/2019	(N)F	LA		0.61	NTU		FQ	#	-	-
Turbidity	SA4-5-L	WL	10/24/2019	(N)F	LA		2.46	NTU		FQ	#	-	-
Turbidity	SA5-4-4	WL	10/23/2019	(N)F	A4		0.58	NTU			#	-	-
Turbidity	SA5-5-4	WL	10/22/2019	(N)F	A4		0.38	NTU			#	-	-
Turbidity	Well North Lumberton	WL	10/22/2019	(N)F			1.01	NTU			#	-	-
Vinyl chloride													
Vinyl chloride	HMH-16R	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Vinyl chloride	HMH-5R	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	HM-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	HM-S	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA1-12-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	FQ	#	0.16	-
Vinyl chloride	SA1-12-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-
Vinyl chloride	SA1-1-H	WL	10/22/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA1-2-H	WL	10/23/2019	(N)D	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA1-2-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA1-3-H	WL	10/24/2019	(N)D	AL		1.25	ug/L		F	#	0.16	-
Vinyl chloride	SA1-3-H	WL	10/24/2019	(N)F	AL		1.26	ug/L		F	#	0.16	-
Vinyl chloride	SA1-4-H	WL	10/24/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA1-5-H	WL	10/24/2019	(N)F	AL		0.44	ug/L	J	F	#	0.16	-
Vinyl chloride	SA1-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA1-7-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-

GROUNDWATER QUALITY DATA BY PARAMETER WITH ZONE (EQuIS201) FOR SITE SAL01, Salmon Site

REPORT DATE: 3/31/2020 11:35:00 AM

PARAMETER	LOCATION CODE/TYPE		SAMPLE DATE	SAMPLE TYPE	ZONE COMPLETION	FLOW REL.	RESULT	UNITS	QUALIFIERS LAB/DATA		QA	DETECTION LIMIT	UNCERTAINTY
Vinyl chloride	SA2-1-L	WL	10/22/2019	(N)F	LA		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA2-6-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA3-4-H	WL	10/23/2019	(N)F	AL		0.16	ug/L	U	F	#	0.16	-
Vinyl chloride	SA3-4-L	WL	10/23/2019	(N)F	LA		0.16	ug/L	U	FQ	#	0.16	-

ZONES OF COMPLETION:

2A	PASCAGOULA/HATTIESBURG FORMATION; AQUIFER 2A
2B	PASCAGOULA/HATTIESBURG FORMATION; AQUIFER 2B
3A	CATAHOULA SANDSTONE; AQUIFER 3A
A1	PASCAGOULA/HATTIESBURG FORMATION; AQUIFER 1
A4	CHICKASAWHAY LIMESTONE; AQUIFER 4
AL	ALLUVIUM
CK	CAPROCK AQUIFER
LA	PASCAGOULA/HATTIESBURG FORMATION; LOCAL AQUIFER

LOCATION TYPE:

WL	WELL

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.
N	Tentatively identified compund (TIC).
Q	Qualitative result due to sampling technique
R	Unusable result.
U	Parameter analyzed for but was not detected.
X	Location is undefined.

LAB QUALIFIERS:

*	Replicate analysis not within control limits.

+	Correlation coefficient for MSA < 0.995.
>	Result above upper detection limit.
A	TIC is a suspected aldol-condensation product.
B	Inorganic: Result is between the IDL and CRDL. Organic & Radiochemistry: 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 Value.
M	GFAA duplicate injection precision not met.
N	Inorganic or radiochemical: Spike sample recovery not within control limits. Organic: Tentatively identified compund (TIC).
P	> 25% difference in detected pesticide or Aroclor concentrations between 2 columns.
S	Result determined by method of standard addition (MSA).
U	Parameter analyzed for but was not detected.
W	Post-digestion spike outside control limits while sample absorbance < 50% of analytical spike absorbance.
X	Laboratory defined qualifier, see case narrative.
Y	Laboratory defined qualifier, see case narrative.
Z	Laboratory defined qualifier, see case narrative.

SAMPLE TYPES:

Fraction:
(T) Total (for metal concentrations)
(D) Dissolved (for dissolved or filtered metal concentrations)
(N) Organic (or other) constituents for which neither total nor dissolved is applicable

Type Codes:
F-Field Sample R-Replicate FR-Field Sample with Replicates
D-Duplicate N-Not Known S-Split Sample

FLOW CODES:

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

QA QUALIFIER: # = validated according to Quality Assurance guidelines.